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Administrator's Guide

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Introduction

Welcome to the *Rocket PASSPORT Web to Host Administrator - Administrator's Guide*. This guide provides operation instructions and technical reference for the use of the Rocket PASSPORT Web to Host Administrator.

The Web to Host Administrator is installed on the Web to Host server and is used to define and configure PASSPORT sessions.

PASSPORT terminal emulators can be customized to meet your display preferences, perform secure FTP and IND\$FILE file transfers, record, edit, and run macros, and more. PASSPORT supports the following terminal emulator clients:

- TN3270 and TN3270E (IBM mainframe)
- TN5250 and TN5250E (AS/400)
- VT100, VT220, and VT420 (UNIX)
- SCO ANSI (UNIX)
- Wyse 60 (UNIX)

System Requirements

Server Requirements

Any one of the following web server platforms:

- Microsoft IIS Server
- IBM WebSphere Application Server
- Examples of other Java Application Servers:
 - Apache Tomcat (most popular)
 - JBoss
 - WildFly
 - Jetty
 - Glassfish
 - WebLogic
 - Resin
 - JOnAS
 - Blazix
- Any server class OS that will support one of the Application Servers of your choice.

Client Requirements

- Microsoft Windows 10, Windows 8.1, or Windows 7 operating system
- Microsoft Internet Explorer 11 or higher
- Google Chrome version 64 or higher
- Firefox version 58.0 or higher
- Minimum of 128 MB memory
- TCP/IP connection to TN3270, TN5250 or Telnet server
- Standard 101/102 PC keyboard

Using the Administrator

PASSPORT WEB TO HOST Administrator Overview

All session profile configurations are created and managed in the PASSPORT Administrator program. There are nine main profile types which are displayed in the left pane of the **Administrator** window:

- [Groups](#)
- [Users](#)
- [Certificates](#)
- 3270 Display
- 3270 Printer
- 5250 Display
- 5250 Printer
- VT Display
- Wyse Display

When you select a profile from the left pane of the **Administrator** window, the sub-profiles or member profiles are displayed in the right pane.

Floating Pop-Up Menu

PASSPORT features several floating, pop-up menus designed for easy accessibility to the [Action](#) menu commands. You'll find one whenever you right-click the mouse on a profile (Groups, Users, 3270 Display, 3270 Printer, 5250 Display, 5250 Printer, VT Display, Wyse Display, Sessions, Keyboards, Attributes or Macros), or on a random position in the right pane of the PASSPORT Administrator window.

Licensing

The **Licensing** menu is used to manage the number of users logged into PASSPORT sessions, according to the number of licenses purchased.

- **License Count** - The number of users that are licensed to run the PASSPORT WEB TO HOST client at their workstation.
- **License Code** - The license code shipped with your software. To add more licenses to this server installation, you must obtain a new code from Rocket Software, Inc. and enter it here. Click OK for the new changes to take effect.

- **Metering Timer Interval** - This timing value is expressed in minutes and can range from 15 minutes to 60 minutes. The default is 30 minutes. Each PASSPORT WEB TO HOST client sends a request to the PASSPORT WEB TO HOST server component at each metering timer interval. This request is made to ensure that the client is licensed to use the software.
- **View Licensed Users** - This button displays a dialog box containing the list of users licensed for PASSPORT WEB TO HOST. Each user is identified by the machine name of the computer that downloaded the PASSPORT WEB TO HOST ActiveX component. This dialog box allows you to add, rename or remove licensed users. This is useful if a user gets a new PC with a different machine name, or if a certain user is no longer employed.

Note: this button is only available if per-seat licensing was purchased and will not be displayed for concurrent licensing.

Mouse

The default mouse settings for the PASSPORT WEB TO HOST Administrator are:

Left Mouse Button - Single Click

A single click of the left mouse button has two separate actions, depending on the location of the mouse. In the left window pane, sessions, attributes or keyboards group will be highlighted. The corresponding session, attribute or keyboard profiles are then listed in the right window pane. In right window pane, individual sessions, attributes or keyboard profiles are highlighted.

Left Mouse Button - Double Click

Double-click the left mouse button to open an individual **User, Group, Certificate, Session, Attribute or Keyboard** profile or **Macro** for editing. This is the same as selecting the individual profile with a left mouse button single click operation, and then performing the **Action>Open menu command**.

Right Mouse Button - Single Click

Right-click the mouse to display a floating, pop-up menu. The menu commands are identical to those in the Action menu, including:

- New
- Add Macro
- Open
- Connect
- Copy
- Paste
- Remove
- Delete

- Rename

Right Mouse Button - Double Click

A double-click of the right mouse functions the same as the right mouse button single click.

Toolbar

Use the toolbar to access frequently-used commands, the same way you would with most Windows applications. Use **View>Toolbar** to hide or show the toolbar.

The following functions are provided:

	New	Creates a new session, keyboard or attribute profile
	Open	Opens an existing session, keyboard or attribute profile for editing
	Copy	Makes a copy of the selected session, keyboard or attribute profile
	Paste	Pastes the last copied profile with "Copy of " prefixed to the profile name
	Delete	Deletes the selected session, keyboard or attribute profile
	Large Icons	Views the profiles with large icons in the right window pane
	Small Icons	Views the profiles with small icons in the right window pane
	List	Views the profiles in a list format in the right window pane
	Details	Views the profiles with date information in the right window pane
	Help	Displays the online help file in another browser window
	About	Displays copyright and version information about the program

System Administrator Information

The System Administrator for the PASSPORT WEB TO HOST software is typically the person who installs the software on a Web server and then configures the host sessions. When you first begin the PASSPORT Administrator Configuration program, you will be prompted to enter the following information about the administrator:

- Name
- Company
- Phone
- E-mail

The **Support.htm** file is then modified in the ...\\Eclient\\ directory to reflect the contact information. This information is displayed whenever the **Help>PASSPORT Help>Online Support** menu command in the PASSPORT WEB TO HOST Client is used or the support icon is selected.

Change Password

To protect the configuration data, the System Administrator may select a case-sensitive password of at least six characters. The password can be changed or deleted by accessing **Tools>System Admin Information**.

Regenerating Files

Regenerate All

This menu command is located under the Tools menu. An **Eclientsessionlist.htm** file is generated and stored in the following ..\\Eclient directories each time this command is activated:

- 3270dsp
- 3270prt
- 5250dsp
- 5250prt
- Vtdsp
- Wysedsp

This HTML file contains a list of all defined session profiles, along with session descriptions and names of keyboard or attribute profiles associated with the session profile. When this file is displayed in a browser window, you can click any listed session to start that PASSPORT session. This provides the System Administrator with a quick and easy way to view all defined session profiles.

Window Panes

The main window of the PASSPORT Administrator configuration program is divided into two panes, left and right.

Left Window Pane

The left pane lists the types of configurable profiles. The nine profile types are:

- [Groups](#)
- [Users](#)
- [Certificates](#)
- 3270 Display

- 3270 Printer
- 5250 Display
- 5250 Printer
- VT Display
- Wyse Display

Right Window Pane

The right pane lists configuration information belonging to the selected profile. Each profile corresponds to an actual file with the same name as the profile name. For example, if you select **Sessions** on the left pane, all configured session profiles are displayed in the right pane.

Groups

When you click the Groups profile in the left pane, the right pane displays all existing group profile names.

Double-click the Groups profile in the left pane to show the individual profiles below the Groups profile. Click an individual group profile in the left pane to display the session name and the type of each session assigned to the group.

Users

When you click the Users profile in the left pane, the right pane displays all existing user profile names.

Double-click the Users profile in the left pane to show the individual profiles below the Users profile. Click an individual user profile in the left pane to display all sessions assigned to that user. The session name, type and origin information are displayed for each session assigned to the user.

If a session assignment is from a group, the group name will appear in the User/Group column. If a session belongs to the user and is also assigned to the user as a group member, an asterisk (*) and the group name will appear in the User/Group column.

Certificates

The Certificates profile is an administrative tool option that allows you to import root certificates from a Certificate Authority. The certificates that are imported here should be the root certificates that are used to generate SSL certificates for your organization. For more information refer to the [Certificates Overview](#).

3270 Display / 5250 Display / VT Display / Wyse Display

When you click the 3270, 5250, VT or Wyse Display profile in the left pane, the right pane displays the following profile names:

- Sessions
- Keyboards
- Attributes
- Macros

Double-click the **3270**, **5250**, **VT**, or **Wyse Display** profile in the left pane to show these three profiles below the relevant display profile. Clicking one of these profiles in the left pane displays the profile information on the right pane.

Sessions

Click the Sessions profile in the left pane to show the Name, Keyboard and Attribute information for each display session.

Keyboards

Click the Keyboards profile in the left pane to show the Name for each keyboard profile.

Attributes

Click the Attributes profile in the left pane to show the Name for each Attribute profile.

Macros

Click the Macros profile in the left pane to show all macros available for the 3270, 5250, VT or Wyse Display sessions.

3270 Printer / 5250 Printer

Click the 3270/5250 Printer profile in the left pane to show the following profile name:

Sessions

Click the Sessions profile in the left pane to show the Name for each printer session.

Note: Printer sessions are not available with VT, SCO-ANSI or Wyse-60 emulation.

Menu Commands

File

The File menu command is owned by Internet Explorer. All File menu commands operate as they normally would when you are using Internet Explorer.

For instance, the **File>Close** or **File>Exit** menu command will exit the PASSPORT administrator program and also exit the Internet Explorer program.

View

The **View** menu command is owned by the PASSPORT administrator configuration program, replacing the Microsoft Internet Explorer **View** menu. The following commands are available:

- [View > Language](#)
- [View > Toolbar](#)
- [View > Large Icons](#)
- [View > Small Icons](#)
- [View > List](#)
- [View > Details](#)
- [View > Arrange Icons > by Name](#)
- [View > Arrange Icons > by Keyboard](#)
- [View > Arrange Icons > by Attribute](#)
- [View > Arrange Icons > by Session Type](#)
- [View > Arrange Icons > by Group](#)
- [View > Arrange Icons > Auto Arrange](#)
- [View > Refresh](#)

View>Language

This menu command allows the administrator to specify the language to use for the PASSPORT administrator configuration program interface. The following languages are currently available:

- English
- Deutsch

- Espanol
- Francais
- Italiano
- Portugues (Brasil)
- Portugues (Portugal)

Note: in order for a change in the language to take affect, the PASSPORT Administrator must be restarted. Also, this option will only be available for international licenses of PASSPORT WEB TO HOST.

View > Toolbar

This command makes the toolbar either visible or not visible. If the toolbar is visible, a check is displayed next to the toolbar text on the pull down menu.

View > Large Icons

This option causes large icons to be displayed in the right window pane. When large icons are enabled, a check is displayed next to the toolbar text on the pull down menu.

View > Small Icons

This option causes small icons to be displayed in the right window pane. When small icons are enabled, a check is displayed next to the toolbar text on the pull down menu.

View > List

This command causes the files listed in the right window pane to be displayed in a list. When list is enabled, a check is displayed next to the toolbar text on the pull down menu.

View > Details

This command causes the details of session profiles to be displayed, such as keyboard and attribute profile assignments. When details is enabled, a check is displayed next to the toolbar text on the pull down menu.

View > Arrange Icons > by Name

This command sorts the files listed in the right window pane alphabetically by the **Session** profile name . The sort order may be either ascending or descending, depending on the last method that was used to sort the files. When the files are viewed in a list or with details, the files may be sorted by clicking the **Name** title bar in the right window pane.

View > Arrange Icons > by Keyboard

This command sorts the files listed in the right window pane alphabetically by the **Keyboard** profile name. The sort order may be either ascending or descending, depending on the last method that was used to sort the files. When the files are viewed with details, the files may be sorted alphabetically by clicking the **Keyboard** title bar in the right window pane.

View > Arrange Icons > by Attribute

This command sorts the files listed in the right window pane alphabetically by the **Attribute** profile name. The sort order may be either ascending or descending, depending on the last method that was

used to sort the files. When the files are viewed with details, the files may be sorted alphabetically by clicking the **Attribute** title bar in the right window pane.

View > Arrange Icons > by Session Type

This command sorts the **Session Type** listed in the right window pane alphabetically. This option is only available when viewing the session profiles belonging to a **User** or **Group**. The sort order may be either ascending or descending, depending on the last method that was used to sort the files. When the files are viewed with details, the files may be sorted alphabetically by clicking on the **Session Type** title bar in the right window pane.

View > Arrange Icons > by Group

This command sorts the **Group** name listed in the right window pane alphabetically. This option is only available when viewing the session profiles belonging to a **User** or **Group**. The sort order may be either ascending or descending, depending on the last method that was used to sort the files. When the files are viewed with details, the files may be sorted alphabetically by clicking on the **User/Group** title bar in the right window pane.

View > Arrange Icons > Auto Arrange

This command determines whether or not the icons will be automatically arranged when the window size is modified. This option only takes affect when the files are viewed as either large or small icons. When the files are viewed in a list or with details this command is grayed out and does not affect the way the files are displayed.

View > Refresh

This command causes the files in the right window pane to be refreshed. Any modifications are now displayed with the latest information.

Action

The following commands can be accessed from the Microsoft Internet Explorer **Action** menu. To use these commands, highlight an item in either pane of the **Administrator** window and select the appropriate action. These options are also available by the [floating pop-up menu](#).

- [Action>New](#)
- [Action>Add Macro](#)
- [Action>Open](#)
- [Action>Connect](#)
- [Action>Copy](#)
- [Action>Paste](#)
- [Action>Remove](#)

- [Action>Delete](#)
- [Action>Rename](#)

Action>New

The **New** command creates new **Session**, **Keyboard**, **Attribute** or **Macro** profiles. Enter a name for the profile. This is the name that will appear in the right pane and identify the profile you are creating. Enter the configuration information. Click **OK**.

Action>Add Macro

Add Macro allows the administrator to import previously recorded or written macros from a different location into the PASSPORT WEB TO HOST Administrator. These macros will become system macros that are available to all users.

Action>Open

The **Open** command edits an existing **Session**, **Keyboard**, **Attribute** or **Macro** profile. When this command is used, the property sheet pages for the highlighted profile are displayed. These can then be edited and then saved.

Action>Connect

Connect starts Microsoft Internet Explorer browser and launches the selected session profile. This can be used to test a session profile configuration from within the PASSPORT administration program. This command is available only for display or printer sessions.

Action>Copy

Copy duplicates a highlighted **Session**, **Keyboard**, **Attribute** or **Macro** profile. You can use **Paste** to create another profile or copy multiple profiles.

Action>Paste

Paste creates a new **Session**, **Keyboard**, **Attribute** or **Macro** profile based on the profile that was last copied. The name of the new profile has the text "Copy of " prefixed to the name of the profile that was last copied. Multiple profiles can be pasted at one time.

Action>Remove

Remove deletes the highlighted profile. Multiple profiles can be removed at one time. This command is used when you are removing session profiles from a user or group.

Action>Delete

Delete removes a highlighted profile. You will be prompted to confirm the deletion. Multiple profiles can be deleted at one time. If you are deleting a **Keyboard** or **Attribute** profile that is associated with a **Session** profile, you will receive a warning message. If you choose to continue and delete the **Keyboard** or **Attribute** profile, default values will be assigned to the associated **Session** profiles.

Action>Rename

The **Rename** command provides the ability to change the name of a **Session**, **Keyboard**, **Attribute** or **Macro** profile. When this command is used, the highlighted profile name becomes an edit box. You can then type in the new name for the profile. If you rename a keyboard or attribute profile that is

associated with a session profile, the new name of the keyboard or attribute profile will automatically be associated to the session profile's name.

Tools

The **Tools** menu is owned by the PASSPORT WEB TO HOST Administrator Program and has the following commands:

- [Tools>System Admin Information](#)
- [Tools>Licensing Information](#)
- [Tools>Global Settings](#)
- [Tools>Customize Action Log](#)
- [Tools>View Action Log](#)
- [Tools>View Session Usage](#)
- [Tools>View Session List](#)
- [Tools>View User/Group List](#)
- [Tools>Regenerate All](#)

Tools>System Admin Information

The System Administrator of the PASSPORT WEB TO HOST software is typically the person who installs the software on a web server and configures sessions. This dialog box allows the system administrator information and password information to be updated.

- **System Administrator Information**
When you first launch the PASSPORT Administrator configuration program, you will be prompted to enter the following information about the administrator: name, company, phone, email. The Support.htm file is then modified in the ...\\Eclient\\ directory to reflect the support contact information. This information is displayed whenever the **Help>PASSPORT Help>Online Support** menu command in the Client is invoked or the support icon is selected in the client software.
- **Change Password**
To protect the configuration data, the System Administrator may select a case-sensitive password of at least six characters or numbers. The password can be changed or deleted by accessing **Tools>System Admin Information**.

Tools>Licensing Information

Use this menu to manage the number of users logging on to mainframe sessions using PASSPORT. This menu is also used to add new licenses when they are purchased. The information on this dialog box will vary depending on the type of license purchased, either **Per-Seat** or **Concurrent**.

- **License Count**
The number of users that are licensed to run the PASSPORT WEB TO HOST client at their workstation.
- **License Code**
The license code shipped with your software. To add more licenses to this server installation, you can obtain a new code from your software vendor and enter it here. Click OK for the new changes to take effect.
- **Metering Timer Interval**
This timing value is expressed in minutes and can range from 15 minutes to 60 minutes. The default is 30 minutes. Each PASSPORT WEB TO HOST client sends a request to the PASSPORT WEB TO HOST server component at each metering timer interval. This request is made to ensure that the client is licensed to use the software.
- **View Licensed Users (Per-Seat licenses only)**
This button displays a dialog box containing the list of users licensed for PASSPORT WEB TO HOST. Each user is identified by the machine name of the computer that downloaded the PASSPORT WEB TO HOST ActiveX component. This dialog box allows you to add, rename or remove licensed users. This is useful if a user gets a new PC with a different machine name, or if a certain user is no longer employed.

Tools>Global Settings

Use this menu command to configure global settings.

- **Path to save local settings**
The default path for local keyboard and attributes profiles is **My Documents\Zephyr\PASSPORT WEB TO HOST** on the client PC. However, the administrator can modify this path to allow roaming users to save and access their keyboard and attribute profiles locally. UNC naming conventions, such as `\\server\share\`, are not allowed. However, environment variables may be used in the path. For example, `%USERPROFILE%\My Documents\Local Files` will place the local keyboard and attribute profiles in the **Local Files** folder located in the current user's Documents and Settings folder.

Tools>Customize Action Log

This option allows the administrator to create a log file to track all of the changes made to the PASSPORT WEB TO HOST administrator program. Furthermore, the administrator can also clear the log or change the size of the log file here.

- **Enable Action Log**
With this option enabled, all PASSPORT WEB TO HOST activity is logged to the Default.log file located in the **Logs** subfolder on the server.
- **Log File Size (KB)**
This enables the administrator to control the size of the log file. The value entered here may range from 64 to 2048 kilobytes. When the Default.log file reaches the specified file size, a backup file is generated called `_Default.log` and the original log file is cleared. If a `_Default.log` file already exists when the Default.log file reaches the **Log File Size**, it will be overwritten by the new backup file. When the **Tools>View Action Log** menu command is invoked, the two files are merged together before displaying the action log.

Note: because both the Default.log and _Default.log files may reach the file size specified by this value, the amount of disk space used can potentially be twice the value entered.

- **Clear Log**

Choose this button to remove both Default.log and _Default.log files and start a new log. These files may be copied or renamed before clicking the **Clear Log** button for archiving purposes.

Tools>View Action Log

This command will generate a log file displaying the **time**, message, detail, and total users in HTML format. This log is typically used to track all the changes that were made to the administrator program. This log also tracks when a session is acquired or released.

Tools>View Session Usage

This command will generate an HTML log file that displays session usage information in one of the following formats, depending on the license type (**Per-Seat** or **Concurrent**).

- **Per-Seat**

Lists the machine name and IP address of each user that has downloaded the PASSPORT WEB TO HOST ActiveX control. Each user listed uses one license. Also shows the date and time of each user's most recent connection to the WEB TO HOST Server.

- **Concurrent**

Logs an hourly snapshot of the minimum and maximum usage. This is useful in determining peak hours of operation and will help administrators determine when to purchase additional licenses.

Tools>View Session List

This command will generate a list of all display or printer sessions with their assigned attributes and keyboard profiles in HTML format. This menu command is unavailable and grayed out if **Sessions** is not highlighted in the navigation pane on the left side of the administrator. **Sessions** can be highlighted under 3270 Display, 5250 Display, VT Display, Wyse Display, 3270 Printer or 5250 Printer.

Tools>View User/Group List

This command will generate an HTML list of all Users, Groups, and all the sessions assigned to them.

Tools>Regenerate All

This command generates HTML files called Eclientsessionlist.htm for each emulation type. This HTML file lists all defined **Session** profiles, along with a description and name of any **Keyboard** or **Attribute** profiles that are associated with the **Session** profile. These files may be viewed by choosing the [Tools>View Session List](#) menu command.

Help

The **Help** menu is shared by both the PASSPORT administrator configuration program and Microsoft Internet Explorer. Access the WEB TO HOST Administrator help file by choosing the **Help>PASSPORT WEB TO HOST Administrator Help** menu command.

Help>PASSPORT WEB TO HOST Administrator Help>Contents and Index

This menu command brings up the help file for the PASSPORT administrator in a new browser window. The online help is HTML based. The contents are located in the left pane, and the actual information is displayed in the right pane to help make your browsing through the help file easier.

Help>PASSPORT WEB TO HOST Administrator Help>Online Support

This menu command brings up a new browser window and goes directly to the Contact Technical Support page on the Rocket Software web site. Use this form to submit a question to Rocket Technical Support via email. Please fill out all pertinent information in the form.

Help>PASSPORT WEB TO HOST Administrator Help>About

This menu command displays the copyright and version number information for the PASSPORT administrator configuration program.

Profiles

Managing Profiles

Creating and managing profiles using the PASSPORT Administrator is easy with the following tools:

- [Action Menu Commands](#)
- [Floating Pop-Up Menu](#)

Double-click a profile in the left pane of the **Administrator** window to display the available sub-profiles or members of the profile. Click a profile, sub-profile, or profile member to display profile or member information in the right pane.

To create, edit or manage a profile, right-click the profile in the left pane and select the appropriate menu command from the floating pop-up menu. You may also click the profile to select it, and then use the **Action** menu to access the same commands.

Note: The **Users** and **Groups** profiles are administrative tools designed to make managing session profiles easier. The use of these profiles is optional.

Groups

Groups Overview

The **Groups** profile is an administrative tool option that allows you to configure, organize and assign session profiles to a population of users without having to recreate sessions for each user.

Users assigned to a group have access to their own session profiles, as well as the session profiles assigned by the group. Session profiles assigned to a group are available to all members of the group.

Double-click the **Groups** profile folder in the left pane of the **Administrator** window to show the available **Groups**. Clicking a group displays the **Session Names** and **Session Types** that are assigned to the group on the right pane.

To create a new group profile, right-click the **Groups** profile folder in the left pane and select **New**. To edit an existing group profile, right click the group profile and select **Open**.

Note: To create or manage Group profiles, select the appropriate profile and command from the [Action](#) menu. You can also access the same commands by right-clicking the profile and selecting from the pop-up menu.

The **Group** profile consists of several configuration tabs:

- [User](#)
- [3270 Display](#)

- [3270 Printer](#)
- [5250 Display](#)
- [5250 Printer](#)
- [VT Display](#)
- [Wyse Display](#)
- [Macro](#)
- [Config Lock](#)

Use the **Group User** tab to add, edit or remove members from a group. To add or remove session profiles to or from a group profile, use the 3270 Display, 3270 Printer, 5250 Display, 5250 Printer, VT Display or Wyse Display tabs.

Users and **Groups** profiles are optional. For more information on creating and managing users, refer to the [Users](#) profile section.

Groups Config Lock Tab

The **Groups Config Lock** tab provides the ability to enable and disable selected menu commands for both the display session and printer session. Each menu item can be individually enabled or disabled.

Category

List box containing a list of menu commands that are most commonly used for either the display or printer session. For example, **File**, **Edit** and **View**.

Commands

List box containing the actual drop-down menu commands that can be individually enabled or disabled. For example, **Cut**, **Copy** and **Paste**.

Local Communication Settings, Local Keyboard Settings, Local Attributes Settings

If these options are enabled then the sessions assigned to the group will use the local communication, keyboard, and attributes settings (overriding the configuration on the server). However, the system communication, keyboard, and attribute (on the server) settings are used if these options are disabled.

Note: If the **File>Save Profile** menu command is disabled, then the check boxes for the **Local Communication Settings**, **Local Keyboard Settings**, and **Local Attributes Settings** will be disabled and grayed out. This is because **File>Save Profile** is the only way these settings can be saved locally.

Groups Display Tab

The configuration options found on the **Groups 3270 Display**, **5250 Display**, **VT Display** and **Wyse Display** tabs are used to manage the 3270, 5250, VT and Wyse display session profiles assigned to a group. The following configuration settings are available:

Assigned

Assigned window displays the 3270, 5250, VT and Wyse display session profiles assigned to the group.

Not Assigned

Not Assigned window displays the 3270, 5250, VT and Wyse display session profiles available to be assigned to the group.

Add

Use the **Add** button to assign 3270, 5250, VT and Wyse display sessions to the appropriate group profile.

To add a session profile to a group:

1. Select a session profile from the list in the **Not Assigned** window.
2. Click **Add**.

The session profile name moves from the **Not Assigned** window over to the **Assigned** window.

Remove

Use the **Remove** button to delete 3270, 5250, VT and Wyse display sessions from a group profile.

To remove a session profile from a group:

1. Click a session profile in the **Assigned** window.
2. Click **Remove**.

The session profile name moves from the **Assigned** window over to the **Not Assigned** window.

When you have finished configuring the group profile, click **OK** to save configuration settings and return to the **Administrator** window.

Groups Macro Tab

The **Groups Macro** tab is used to assign macros to a group of users. Macros are script used for performing routine tasks, allowing the operator to save redundant typing. The macro files are saved with a **.zmc** extension.

Macros are used in the local, system, and group environments:

3270 Display

Macros to use with 3270 terminal emulation.

5250 Display

Macros to use with 5250 terminal emulation.

VT Display

Macros to use with VT and SCO-ANSI terminal emulation.

Wyse Display

Macros to use with Wyse-60 terminal emulation.

New

Creates new macros for your existing groups.

Add

Adds existing macros to use with existing groups.

Edit

Edits a macro you previously created.

Copy

Copies the selected macro file name to the Windows clip board.

Paste

Pastes a file name from the Windows clip board into the macro file list.

Delete

Deletes the selected macro.

Rename

Renames the selected macro. You must then type in the new name of the macro.

Groups Printer Tab

The **Groups 3270 Printer** and **5250 Printer** tabs are used to manage the 3270 and 5250 printer session profiles assigned to a group. The following configuration settings are available:

Assigned

Displays the 3270/5250 printer session profiles that have been assigned to the group.

Not Assigned

Not Assigned window displays the 3270/5250 printer session profiles that are available to be assigned to the group.

Add

Use the **Add** button to assign 3270/5250 printer sessions to a group.

To add a session profile to a group:

1. Click a session profile from the list in the **Not Assigned** window.
2. Click **Add**.

The session profile name moves from the **Not Assigned** window over to the **Assigned** window.

Remove

Use the **Remove** button to delete 3270/5250 printer sessions from a group.

To remove a session profile from a group:

1. Select a session profile in the **Assigned** window.
2. Click **Remove**.

The session profile name moves from the **Assigned** window over to the **Not Assigned** window.

When you have finished configuring the group profile, click **OK** to save configuration settings and return to the **Administrator** window.

Groups User Tab

The **Groups User** tab is used to manage groups and their associated users. The following configuration settings are available:

Group ID

Group ID is a descriptive short name for the group that is also displayed in the **Administrator** window.

Description

Description needs to complement the **Group ID** and additionally describe the group. This information is for reference only.

Members

Members window displays the user profiles that are group members.

Non-Members

Non-Members window displays individual users available to be added to the group.

Add

Use the **Add** button to include a user to the group.

Remove

Use the **Remove** button to delete a user from the group.

When you have finished configuring the group profile, click **OK** to save configuration settings and return to the **Administrator** window.

Users

Users Overview

The **Users** profile is an administrative tool option for creating and managing user profiles. Once a user profile is created, it may be assigned to one or more existing groups.

User profiles assigned to a group have access to their own session profiles, as well as session profiles assigned to the group. Individual user session profiles are not shared with group members.

Double-click the **Users** profile in the left pane of the **Administrator** window to display the available users. Select a **User** profile to display the session profiles assigned to the user. **Session Name**, **Session Type** and **Group** for the session profile are displayed in the right pane.

Note: To create or manage profiles, select the appropriate profile and the menu command from the [Action](#) menu.

The **Users** profile consists of several configuration tabs:

- [Group](#)
- [3270 Display](#)
- [3270 Printer](#)
- [5250 Display](#)
- [5250 Printer](#)
- [VT Display](#)
- [Wyse Display](#)
- [Config Lock](#)

Use the **Users Group** tab to add, edit or remove a user from a group. Use the **3270 Display**, **3270 Printer**, **5250 Display**, **5250 Printer**, **VT Display** and **Wyse Display** tabs to add or delete session profiles from a user profile.

Users and **Groups** profiles are optional. For more information on creating and managing groups, see [Groups](#) profile.

Users Config Lock Tab

The **Users Config Lock** tab provides the ability to enable and disable selected menu commands for both the display and printer sessions. Each menu item can be individually enabled or disabled by checking/un-checking the box.

Configuration Lock Type

Determines what level to use for locking the configuration. Choose one of the following:

Session

Selected menu commands for the session will be used.

User Config Lock

Selected menu commands for the user will be used. User Config Lock will override Group Config Lock.

Group Config Lock

Selected menu commands for the group will be used.

Category

List box of the most commonly used menu commands for either the display or printer session, depending on which is selected. For example, **File**, **Edit** and **View**.

Commands

List box of commands that can be individually enabled or disabled. For example, Cut, Copy, and Paste would appear in for **Edit**.

Local Communication Settings, Local Keyboard Settings, Local Attributes Settings

When these options are checked, the sessions assigned to a user will use the local communication, keyboard, and attributes settings (overriding the configuration on the server). However, the communication, keyboard, and attributes settings on the server are used if these options are disabled.

Note: If the **File>Save Profile** menu command is disabled, then the check boxes for the **Local Communication Settings, Local Keyboard Settings, and Local Attributes Settings** will be disabled and grayed out. This is because the **File>Save Profile** is the only way these settings can be saved locally.

Users Display Tab

The configuration options found on the **3270 Display, 5250 Display, VT Display** and **Wyse Display** tabs are used to manage the 3270, 5250, VT and Wyse display session profiles assigned to a user. The following configuration settings are available:

Assigned

Assigned window displays the 3270, 5250, VT and Wyse display session profiles that have been assigned to the user. If the assigned session belongs to a group, the group name will be displayed in the **Group** column.

Not Assigned

Not Assigned window displays the 3270, 5250, VT and Wyse display session profiles that are available to be assigned to the user.

Add

The **Add** button is used to assign 3270, 5250, VT and Wyse display sessions to a user profile.

To assign a session profile to a user:

1. Select a session profile from the list in the **Not Assigned** window.
2. Click **Add**.

The session profile name moves from the **Not Assigned** window to the **Assigned** window.

Remove

The **Remove** button is used to remove 3270, 5250, VT and Wyse display sessions from a user profile.

To remove a session profile from a group:

1. Select a session profile in the **Assigned** window.
2. Click **Remove**.

The session profile name moves from the **Assigned** window to the **Not Assigned** window.

When you have finished configuring the user profile, click **OK** to save configuration settings and return to the **Administrator** window.

Users Group Tab

The **Users Group** tab is used to add or delete user to/from group. The following configuration settings are available:

User ID

User ID is a short, descriptive name for the user. This is the name displayed in the **Administrator** window.

Description

Description complements the **User ID** and describes the user. This information is for reference only.

Member of

Member of window displays the group profiles of a user.

Not a Member of

Not a Member of window displays a list of available groups that the user may become a member of.

Add

Use the **Add** button to add a user to a group.

Remove

Use the **Remove** button to delete a group from a user profile.

When you have finished configuring the user profile, click **OK** to save configuration settings and return to the **Administrator** window.

Users Printer Tab

The **Users 3270 Printer** and **5250 Printer** tabs manage the 3270/5250 printer session profiles assigned to a user. The following configuration settings are available:

Assigned

Displays the 3270/5250 printer session profiles assigned to the user. If the assigned session belongs to a group, the group name will be displayed in the **Group** column.

Not Assigned

Not Assigned window displays the 3270/5250 printer session profiles available to be assigned to a user.

Add

The **Add** button used to assign 3270/5250 printer sessions to a user profile.

To add a session profile to a user:

1. Select a session profile from the list in the **Not Assigned** window.
2. Click **Add**.

The session profile name moves from the **Not Assigned** window to the **Assigned** window.

Remove

Use the **Remove** button to delete 3270/5250 printer sessions from a user profile.

To remove a session profile from a user:

1. Select a session profile in the **Assigned** window.
2. Click **Remove**.

The session profile name moves from the **Assigned** window to the **Not Assigned** window.

When you have finished configuring the group profile, click **OK** to save configuration settings and return to the **Administrator** window.

Certificates

Certificates Overview

The **Certificates** profile is an administrative tool option that allows you to import root certificates from a Certificate Authority. The certificates that are imported here should be the root certificates that are used to generate SSL certificates for your organization. Once a certificate has been imported into the PASSPORT WEB TO HOST Administrator, any SSL-enabled session will download the certificate from the server to the workstation and use it to verify the certificate used for the SSL connection.

To import a certificate, follow the steps below:

1. Highlight **Certificates** in the PASSPORT WEB TO HOST Administrator program.
2. Right-click the right pane and choose **Add Certificate** from the menu.
3. Browse to the location of the .CER file to import and click **Open** (must be Base-64 encoded X.509 format).
4. The **Certificate Information** is displayed for you to review.

5. Choose **Add** to complete the import.

Note: an existing certificate may be opened, renamed or deleted by right-clicking and choosing the appropriate menu command. Any attempt to import a file that is not a valid Base-64 encoded X.509 certificate will result in an "Invalid Certificate File" error message.

Sessions

Advanced Tab

The **Advanced** tab is used to manage network traffic to the host. The following configuration settings are available:

Enable "Hot Back Up" IP Host Names

When this option is selected, you can specify alternate IP host addresses and TCP ports to connect to if the primary connection attempt fails for some reason. Use the **Add**, **Edit** and **Remove** buttons to add, modify or remove an address and/or port number from the list. Use the **Up** and **Down** buttons to move a selected address up or down in the list.

Enable Keep Alive

When this option is enabled, PASSPORT sends a periodic timing signal to the gateway or mainframe to ensure that the connection is not idle long enough to be terminated. This feature can also be used to keep an internet connection alive.

Timer value (min)

This value specifies the regular interval at which PASSPORT sends a timing signal. The value may be between 1 minute and 1440 minutes (1 day). The default is 15 minutes.

Keep Alive Sequence

The Keep Alive Sequence area allows you to choose between two timing signal options: **NOP** and **Timing Mark**. The default is **NOP**.

Note: When using a dial-in connection with an internet service provider (ISP), you may be disconnected after a period of idle time, even though the **Enable Keep Alive** option is selected. To minimize the chances of this occurring, you can change the gateway port number to something other than 23, the default telnet port.

Sessions Config Lock Tab

This tab provides the ability to enable and disable selected menu commands for the display session. Each menu item can be individually enabled or disabled.

Category

List box containing a list of menu commands that are most commonly used for the display session. For example, **File**, **Edit** and **View**.

Commands

List box containing the actual drop-down menu commands that can be individually enabled or disabled. For example, **Cut**, **Copy** and **Paste**.

Local Communication Settings

Local Attributes Settings

Local Keyboard Settings

If these options are enabled then the session will use the local communication, keyboard and/or attributes settings (overriding the configuration on the server). However, the system communication, keyboard and attribute settings (on the server) are used if these options are disabled.

Note: By default, the local keyboard and attributes profiles are saved in the **My Documents\Zephyr\PASSPORT WEB TO HOST** folder on the client PC. This path can be configured using the [Tools>Global Settings](#) menu command. Local Communication Settings are disabled by default. However, if this option is enabled to allow users to make changes to the communication settings, these will be stored in a local attribute profile in the above location.

Note: If the **File>Save** menu command is disabled, then the check boxes for **Local Communication Settings**, **Local Attribute Settings** and **Local Keyboard Settings** will be disabled and grayed out. This is because **File>Save** is the only way these settings can be saved locally.

TN3270 Display Connection Tab

The **3270 Connection** tab is used to configure host connection settings. The following configuration settings are available for configuration.

*DNS Fail Over

PASSPORT has the ability to resolve a list of IP addresses configured on an internal DNS Server. PASSPORT will connect to the first host of an available list of detected IP addresses.

Description

Enter a descriptive name for the session profile. This name is displayed on the Sessions Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added. This field is optional.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to connect to the IBM host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally this number is not changed.

Timeout (sec)

The Timeout value designates the number of seconds PASSPORT will spend trying to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the [Advanced tab](#).

Auto-Reconnect

If this option is selected, PASSPORT will try to re-establish a session with the host if that session times out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

If you log off a mainframe session using a command such as VMEXIT, LOGOFF or CSSF LOGOFF, the TN3270 session will be disconnected and another session with the host will automatically be initiated, returning you to the host logon prompt.

If this option is not selected, you will get a blank screen if disconnected from your mainframe session. You will then have to perform a **Communication>Disconnect** command followed by a **Communication>Connect** command in PASSPORT to re-establish the session.

Screen Size

PASSPORT supports models 2, 3, 4, 5, and dynamic screen sizes. The model number refers to the number of rows and columns the terminal can display. If you do not configure the correct screen size, you may not be able to make a connection to the host.

- Model 2 (80 columns x 24 rows)
- Model 3 (80 columns x 32 rows)
- Model 4 (80 columns x 43 rows)
- Model 5 (132 columns x 27 rows)
- Dynamic

Rows

For custom screen sizes, this sets the number of rows to display. Enter an integer between 24 and 125.

Columns

For custom screen sizes, this sets the number of columns to display. Enter an integer between 80 and 255.

Telnet Device Type Override

This text entry provides the ability to override the **Device Type String** that is automatically generated by the **Screen Size** and **Extended Attribute** settings. For more information on this setting refer to the Client User Guide Technical Reference section.

For example: If screen size Model 5 and extended attributes are enabled, the device type IBM-3278-5-E is generated in accordance with the IETF RFC 2355 specifications. However, some older TN3270 servers may interpret this incorrectly as no extended attributes and may need the device type IBM-3279-5-E typed into the Telnet Device Type Override field.

Based on the screen size and extended attributes settings, PASSPORT generates the following TN3270 device types when negotiating a TN3270 or TN3270E session with the TN3270 server. These device types must be configured on the TN3270 session in order to make a connection.

Device Type String	Screen Size	Extended Attributes
IBM-3278-2	Model 2	No
IBM-3278-3	Model 3	No
IBM-3278-4	Model 4	No
IBM-3278-5	Model 5	No
IBM-3278-2-E	Model 2	Yes
IBM-3278-3-E	Model 3	Yes
IBM-3278-4-E	Model 4	Yes
IBM-3278-5-E	Model 5	Yes

Host Code Page

Choose the appropriate **Host Code Page** for your country (or country where the host mainframe is located). This determines which translation tables are used to communicate between the host's EBCDIC character set and the PC's ANSI/ASCII character set.

Host Code Page	Description
037	USA/Canada
273	Austria/Germany
277	Denmark/Norway
278	Finland/Sweden
280	Italy
284	Spain/Latin America
285	United Kingdom
297	France
500	International
871	Iceland
1140	USA/Canada Euro
1141	Austria/Germany Euro
1142	Denmark/Norway Euro
1143	Finland/Sweden Euro
1144	Italy Euro
1145	Spain/Latin America Euro
1146	United Kingdom Euro

1147	France Euro
1148	International Euro
1149	Iceland Euro
8859	ISO Latin-1

The Euro host code pages (1140 through 1149) are identical to the non-Euro host code pages, except that the European currency symbol replaces the international monetary symbol. Not all Windows fonts support the European currency symbol.

TN3270E Support (see *Note below)

Selected this option to enable the TN3270E enhanced terminal emulation. TN3270E emulation provides the following advanced emulation features: standard 3270 Attention key and System Request key support, support for connection to generic as well as specific LUs, SSCP-LU session support, SNA Bind and UnBind support, and SNA-like response support. Display sessions connecting to a TN3270E server can use Generic or Specific LUs.

• Generic	A generic connection is the basic TN3270 connection method. The established session with the TN3270 server comes from an unnamed pool of LUs. The unnamed pool is identified by the 3270 screen size and extended attribute settings. For example, if you configure a 3270 model 2 screen size without extended attributes, the session will be established with an unnamed pool of LUs having the device type IBM-3278-2.
• Specific	A specific connection allows connection to a specific named LU pool, or to a specific dedicated LU. A dedicated LU is basically an LU pool with only one LU in that pool. If you select the Specific option, you must also enter the Resource Name that corresponds to the name of the dedicated LU or LU pool.

***Note:** Click on **TN3270E Support** and these options become available on the 3270 Connection Tab (otherwise, they are normally dimmed):

- Generic
- Specific
- Resource Name
- TN3270E Response Support

Resource Name

Device or pool name used by PASSPORT and the TN3270E server to identify and establish a connection to a specific LU or LU pool.

Extended Attributes

This configuration option determines whether or not extended attributes are displayed. Extended attributes includes seven-color display, blinking, underline, and reverse video. Select the Extended Attributes box to enable these features. True blinking is not currently supported. However, blinking

fields may be displayed as reverse video magenta by setting the Display Blinking Fields as Reverse Video in the [Attributes Profile Miscellaneous tab](#) setting.

TN3270E Response Support

This option determines whether or not TN3270E responses are supported during TN3270E terminal emulation. For the IBM Communications Server, this option must be selected. For most other TN3270E servers, this option should be disabled.

Non-SNA Command Chaining

Enable this option if connecting through a Visara controller. The Visara controller requires the TN3270 client to do the 3270 command chaining required by Non-SNA Master Console operation. If not connecting through a Visara controller, this option should be disabled.

Scroll Back Buffer (n) Lines

This option allows you to activate the history log which stores data (in lines) that are no longer displayed on the screen. You can then use the scroll bar on the right side of the PASSPORT window to scroll back and view previous host screens. The default number of lines in the history log is 24. However, you can increase this log to a maximum of 100000 lines.

TN3270 Printer Connection Tab

The **Connection** tab is used to establish host connection settings. The following configuration settings are available for configuration.

Description

Enter a descriptive name for the session profile. This name is displayed on the Session Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added. This field is optional.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to connect to the IBM host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally, this number is not changed.

Timeout (sec)

The **Timeout** value designates the number of seconds PASSPORT will attempt to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the **Advanced** tab.

Auto-Reconnect

If this option is enabled, PASSPORT will try to re-establish a session with the host if that session times

out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

Telnet Device Type Override

This text entry provides the ability to override the **Device Type String** that is automatically generated by the **Screen Size** setting. This default telnet device is automatically generated:

- IBM-3287-1

Host Code Page

Choose the appropriate **Host Code Page** for your country (or country where the host mainframe is located). This determines which translation tables are used to communicate between the host's EBCDIC character set and the PC's ANSI/ASCII character set.

Host Code Page	Description
037	USA/Canada
273	Austria/Germany
277	Denmark/Norway
278	Finland/Sweden
280	Italy
284	Spain/Latin America
285	United Kingdom
297	France
500	International
871	Iceland
1140	USA/Canada Euro
1141	Austria/Germany Euro
1142	Denmark/Norway Euro
1143	Finland/Sweden Euro
1144	Italy Euro
1145	Spain/Latin America Euro
1146	United Kingdom Euro
1147	France Euro
1148	International Euro
1149	Iceland Euro
8859	ISO Latin-1

The Euro host code pages (1140 through 1148) are identical to the non-Euro host code pages, except that the European currency symbol replaces the international monetary symbol. Not all Windows fonts support the European currency symbol.

TN3270E Support

TN3270E must be supported by your mainframe and/or TN3270 server for host printing to work.

- **Generic**

Connects to a pool of printer sessions.

Note: This method is not recommended because the end user may not know the exact printer they are connecting to.

- **Specific**

A specific connection allows connection to a specific named LU pool, or to a specific dedicated LU. A dedicated LU is basically an LU pool with only one LU in that pool. If you select the Specific option, you must also enter the Resource Name that corresponds to the name of the dedicated LU or LU pool.

Note: Pooled LUs for printer sessions are not recommended.

- **Associated**

An associated connection allows connection to a dedicated LU that can act as either a display or printer LU. If you select this option, you must also enter the **Resource Name** that corresponds to the name of the dedicated LU.

Resource Name

The resource name is the device or pool name used by PASSPORT and the TN3270E server to identify and establish a connection to a specific LU or LU pool.

Non-SNA Command Chaining

Enable this option if connecting through a Visara controller. The Visara controller requires the TN3270 client to do the 3270 command chaining required by Non-SNA Master Console operation. If not connecting through a Visara controller, this option should be disabled.

TN5250 Display Connection Tab

The **5250 Connection** tab is used to setup IP host connection to your AS/400. The following configuration settings are available for configuration.

*DNS Fail Over

PASSPORT has the ability to resolve a list of IP addresses configured on an internal DNS Server. PASSPORT will connect to the first host of an available list of detected IP addresses.

Description

Enter a descriptive name for the session profile. This name is displayed on the Sessions Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added. This field is optional.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to

connect to the IBM host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally this number is not changed.

Timeout (sec)

The Timeout value designates the number of seconds PASSPORT will spend trying to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the [Advanced tab](#).

Auto-Reconnect

If this option is enabled, PASSPORT will try to re-establish a connection with the host if that session times out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

If this option is not enabled, you will get a blank screen if disconnected from your mainframe session. You will then have to perform a **Communication>Disconnect** followed by a **Communication>Connect** to re-establish the session.

Screen Size

PASSPORT supports models 2 and 5. The model number refers to the number of rows and columns the terminal can display. If you do not configure the correct screen size, you may be unable to connect to the host.

- Model 2 (24 rows x 80 columns)
- Model 5 (27 rows x 132 columns)

Telnet Device Type Override

This text entry provides the ability to override the Device Type String that is automatically generated by the Screen Size setting. For more information on telnet device types refer to the Client User Guide Technical Reference section. These default telnet device types are automatically generated:

- IBM-3179-2 for Model 2
- IBM-3477-FC for Model 5

Host Code Page

Choose the appropriate **Host Code Page** for your country (or country where the host mainframe is located). This determines which translation tables are used to communicate between the host's EBCDIC character set and the PC's ANSI/ASCII character set.

Host Code Page	Description
----------------	-------------

037	USA/Canada
273	Austria/Germany
277	Denmark/Norway
278	Finland/Sweden
280	Italy
284	Spain/Latin America
285	United Kingdom
297	France
500	International
871	Iceland
1140	USA/Canada Euro
1141	Austria/Germany Euro
1142	Denmark/Norway Euro
1143	Finland/Sweden Euro
1144	Italy Euro
1145	Spain/Latin America Euro
1146	United Kingdom Euro
1147	France Euro
1148	International Euro
1149	Iceland Euro
8859	ISO Latin-1

The Euro host code pages (1140 through 1148) are identical to the non-Euro host code pages, except that the European currency symbol replaces the international monetary symbol. Not all Windows fonts support the European currency symbol.

TN5250E Support

Select this option to enable TN5250E enhanced terminal emulation. This provides advanced emulation features like support for display connection to generic as well as specific resource name (LUs) and TN5250E host printing capability.

Resource Name

This is the device or pool name used by PASSPORT and the TN5250E server to identify and establish a connection to a specific LU or LU pool. Your system administrator must give you the correct information to enter here.

TN5250 Printer Connection Tab

The **Connection** tab is used to establish host connection settings. The following configuration settings are available for configuration.

Description

Enter a descriptive name for the session profile. This name is displayed on the Sessions Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to connect to the IBM host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally, this number is not changed.

Timeout (sec)

The **Timeout** value designates the number of seconds PASSPORT will attempt to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the **Advanced** tab.

Auto-Reconnect

If this option is selected, PASSPORT will try to re-establish a session with the host if that session times out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

Telnet Device Type Override

This text entry provides the ability to override the **Device Type String** that is automatically generated by the host. This default telnet device is automatically generated:

- IBM-3812-1

Host Code Page

Choose the appropriate host code page for your country (or country in which the host mainframe is located). This determines which translation tables are used to convert between the host's EBCDIC character set and the PC's ANSI/ASCII character set.

Host Code Page	Description
037	USA/Canada
273	Austria/Germany
277	Denmark/Norway
278	Finland/Sweden
280	Italy
284	Spain/Latin America

285	United Kingdom
297	France
500	International
871	Iceland
1140	USA/Canada Euro
1141	Austria/Germany Euro
1142	Denmark/Norway Euro
1143	Finland/Sweden Euro
1144	Italy Euro
1145	Spain/Latin America Euro
1146	United Kingdom Euro
1147	France Euro
1148	International Euro
1149	Iceland Euro
8859	ISO Latin-1

The Euro host code pages (1140 through 1148) are identical to the non-Euro host code pages with the exception that the European currency symbol replaces the international monetary symbol. Not all Windows fonts support the European currency symbol.

TN5250E Support

TN5250E must be supported by your AS/400 and/or TN5250 server for host printing to work.

Resource Name

The resource name is the device or pool name used by PASSPORT and the TN5250E server to identify and establish a connection to a specific LU or LU pool.

VT Display Connection Tab

The **VT Connection** tab is used to configure both VT and SCO ANSI host connection settings. The following configuration settings are available for configuration.

***DNS Fail Over**

PASSPORT has the ability to resolve a list of IP addresses configured on an internal DNS Server. PASSPORT will connect to the first host of an available list of detected IP addresses.

Description

Enter a descriptive name for the session profile. This name is displayed on the Sessions Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added. This field is optional.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name

of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to connect to the host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally this number is not changed.

Timeout (sec)

The **Timeout** value designates the number of seconds PASSPORT will attempt to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the **Advanced** tab.

Auto-Reconnect

If this option is selected, PASSPORT will try to re-establish a session with the host if that session times out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

If this option is not selected, you will get a blank screen if disconnected from your mainframe session. You will then have to perform a **Communication>Disconnect** command followed by a **Communication>Connect** command in PASSPORT to re-establish the session.

Screen Size

For VT and SCO ANI emulations, there are two menus available to configure the screen size: **Lines** and **Columns**. In the **Lines** menu, you can select or type any amount from 24 to 144. In the **Columns** menu, you can only select 80 or 132.

Telnet Device Type Override

This text entry provides the ability to override the **Device Type String** that is automatically generated by the terminal emulation setting. These default telnet device types are automatically generated:

- VT52 (for VT52 emulation)
- VT100 (for VT100 emulation)
- VT420 (for VT420 emulation)
- ANSI (for SCO-ANSI emulation)

If you fail to make a connection, any of the following telnet device types may also be used:

- DEC-VT52
- DEC-VT100
- DEC-VT101

- DEC-VT102
- DEC-VT220

Host Code Page

Choose the appropriate **Host Code Page** for your country (or country where the host mainframe is located). This determines which translation tables are used to communicate between the host's character set and the PC's character set.

- United States
- United Kingdom
- Dutch
- Finnish
- French
- French Canadian
- German
- Italian
- Norwegian/Danish
- Portuguese
- Spanish
- Swedish
- Swiss

Emulation Type

Choose either VT52, VT100, VT420, or SCO-ANSI based on the terminal type used. If you need to configure VT220 or VT320 emulation, then select VT420.

Control Code

If the 7-bit option is selected, then the application code will be sent to the host in 7-bit sequence. If the 8-bit option is selected, the application code will be sent to the host in 8-bit sequence; however, 8-bit code is available only for VT420 or SCO-ANSI emulation.

Note: Check with your system administrator for control code configuration.

Scroll Back Buffer Lines

This option allows you to activate the history log which stores data (in lines) that are no longer displayed on the screen. You can then use the scroll bar on the right side of the PASSPORT window to scroll back and view previous host screens. The default number of lines in the history log is 24. However, you can increase this log to a maximum of 100000 lines.

Wyse Display Connection Tab

The **Wyse Connection** tab is used to establish host connection settings. The following configuration settings are available for configuration.

*DNS Fail Over

PASSPORT has the ability to resolve a list of IP addresses configured on an internal DNS Server. PASSPORT will connect to the first host of an available list of detected IP addresses.

Description

Enter a descriptive name for the session profile. This name is displayed on the Sessions Profile list and is used to identify the session. Use the [Tools>Regenerate All](#) to refresh the **Administrator** window after a new session profile is added. This field is optional.

IP Host Name

Name or IP address of the host computer you wish to connect to. If you enter a text string for the name of the host computer, the TCP/IP protocol will translate it into an IP address and use this number to connect to the host. You can also enter the IP address number directly. However, it must be supplied in the standard 4 number dot-delimited format, nnn.nnn.nnn.nnn, where each number nnn ranges in value from 0 to 255. Your system administrator can supply you with this information. Both IPv4 and IPv6 are supported.

TCP Port

The default value for this parameter is 23. If you have defined other port numbers for your Telnet host, the number must be entered here. Normally this number is not changed.

Timeout (sec)

The **Timeout** value designates the number of seconds PASSPORT will attempt to connect to the host address before switching to an alternate address, as specified by the back-up IP host name(s) in the **Advanced** tab.

Auto-Reconnect

If this option is selected, PASSPORT will try to re-establish a session with the host if that session times out or is unexpectedly disconnected by the gateway or host (or if the host is down when trying to connect). PASSPORT will attempt to reconnect after first waiting for 1 second, then 5, 10, 15, 20, 25 seconds, and then 30 seconds thereafter between each attempt until a connection is established. This helps reduce network traffic. Once PASSPORT successfully connects to the host, the reconnection value will be reset to 1 second again.

If this option is not selected, you will get a blank screen if disconnected from your mainframe session. You will then have to perform a **Communication>Disconnect** command followed by a **Communication>Connect** command in PASSPORT to re-establish the session.

Screen Size

PASSPORT supports the following screen sizes for Wyse emulation:

Lines:	24	Columns:	80
	25		132

	42		
	43		

Telnet Device Type Override

This text entry provides the ability to override the **Device Type String** that is automatically generated by the terminal emulation setting. The WYSE-60 default telnet device type is automatically generated with a Wyse display session.

Host Code Page

Choose the appropriate **Host Code Page** for your country (or country where the host mainframe is located). This determines which translation tables are used to communicate between the host's character set and the PC's character set.

- United States
- United Kingdom

Control Code

Select either 7-Bit or 8-Bit depending on the requirements of the host system.

Scroll Back Buffer Lines

This option allows you to activate the history log which stores data (in lines) that are no longer displayed on the screen. You can then use the scroll bar on the right side of the PASSPORT window to scroll back and view previous host screens. The default number of lines in the history log is 24. However, you can increase this log to a maximum of 100000 lines.

HLLAPI Tab

HLLAPI Session Name

HLLAPI (High Level Language Application Programming Interface) allows external programs to communicate with IBM host computers using a 3270, 5250, VT or Wyse terminal emulation program as the communication medium. The HLLAPI standard was defined initially by IBM. More recently, HLLAPI has been revised and updated by IBM, Microsoft and a consortium of IBM terminal emulation vendors.

The HLLAPI session [short name](#) and session [long name](#) allow HLLAPI applications to identify individual 3270, 5250, VT, SCO-ANSI and Wyse terminal emulation sessions. The HLLAPI session short name appears in parenthesis in the upper left corner of the PASSPORT title bar for session identification. PASSPORT does not allow two sessions to have the same HLLAPI session short name.

Automatically select

If the **Automatically Select** option is used, PASSPORT will automatically select the next available session short name and session long name. Session short names begin with A, then B, then C, and progress through the alphabet to letter Z. Session long names begin with SessionA, then SessionB, then SessionC, and continue through the alphabet to SessionZ.

Manually Specify

If the Manually Specify option is selected, you must manually enter the session short name and session long name. This may be necessary if your HLLAPI application is hard-coded to a particular session short name and cannot be changed.

Short Name

You may enter a single alphabet character (A to Z) to identify the session **Short Name**. HLLAPI applications use the HLLAPI short name to identify which session it is communicating with. Lower case is automatically converted to upper case.

Long Name

You may enter a string of up to eight characters to identify the session **Long Name**. This name may be used by HLLAPI applications for session identification.

Graphics Tab

Note: APA Graphics is not available for 5250, VT, SCO-ANSI or Wyse-60 emulation.

Enable Graphics Support

Select or clear this check box to enable or disable graphics support.

Resolution

The **Resolution** option specifies at what resolution the mainframe graphics application should send the graphics data to the PC.

- **Terminal**
If **Terminal** is chosen, the host sends graphics data at 720 x 384 resolution, the same resolution as an IBM 3192G terminal. Certain host applications require a Terminal setting to position text properly and accurately operate the graphics input cursor.
- **High**
When **High** is chosen, the graphics display at 2560 x 1400 resolution, enabling the capture of high resolution graphics, which can be printed or plotted at a high resolution.

Programmed Symbol Sets

This option is used to allocate memory for mainframe graphics applications requiring the use of programmed symbols (for example, CA-TELLAGRAF, CA-DISSPLA, IBM's RTPMS, and UNIRAS). Most other packages do not require the extra memory, so the default is set to **None** to keep PASSPORT memory requirements as low as possible. The option may be set to **None**, **PS A and B**, or **PS A through F**.

Enable Vector Graphic Redraw Buffer

This option allows you to change the vector graphics redraw buffer size from the default of 512KB to a value within the range of 128KB (minimum) to 1024KB (maximum).

Note: To use PASSPORT with SAS/GRAPH, the **Terminal** resolution and **PS A and B** must be configured. To use PASSPORT with RTPMS, ACS, and other GDDM graphics programs that require program symbol sets or that were written primarily for the IBM 3279 S3G graphics terminal, **PS A through F** must be

configured. If your host graphics application uses transparent/opaque text, you must configure either **PS NONE** or **PS A and B**. Transparent text is not supported when **PS A through F** is configured.

Miscellaneous Tab

Start Up Macro

A start up macro may be configured to automatically run immediately after a session is established with the host computer. For example, you may want to record a macro that will log on to the host session every time you start PASSPORT. Use the drop down box to locate and designate the macro to be used as the start up macro.

Only Run On First Connect

If enabled, the start up macro will be run after the first host connection. However, it won't run again when you have auto-reconnect enabled and the host disconnects the session causing an automatic reconnection to be made.

Exit Macro

An exit macro may be configured to automatically run when a session is closed using either the **File>Exit** menu command or by clicking on the X in the Window title bar. For example, you may want to record a macro that will log off your host session every time you exit PASSPORT. Use the drop down box to locate and designate the macro to be used as the exit macro.

Suppress Error Message Dialogs

Enable this option to prevent PASSPORT from displaying error and warning message dialog boxes, which require user intervention to continue. This is necessary for some HLLAPI applications.

Prompt before Communication>Disconnect or File>Exit

If this option is checked, when the end user chooses **Communication>Disconnect** or **File>Exit**, before the session is closed, they will receive a prompt asking if they are sure they want to exit the session.

Close All Sessions on Exit

When this option is checked, all sessions will be closed whenever a single session is closed.

Use Windows Default Printer

Enable this option to force the session to use the default printer selected by the operating system. With this option enabled, the Printer... button is deactivated indicating that the printer cannot be changed.

Prompt for Printer Settings

If this check box is checked, each time the **File>Print** function is performed a dialog box with the printer settings is displayed first. Then the user may alter their printer settings, if desired, and then press the OK button to perform the print screen function. If this check box is not checked, the print screen function is performed immediately.

Display Printing Status Dialog

If selected, the Printing Status dialog displays when you print.

Miscellaneous Tab

Suppress Error Message Dialogs

Enable this option to prevent PASSPORT from displaying error message dialog boxes, which require user intervention to continue. This is necessary for some HLLAPI applications.

Prompt before Communication>Disconnect or File>Exit

If this option is checked, when the end user chooses **Communication>Disconnect** or **File>Exit**, before the session is closed, they will receive a prompt asking if they are sure they wish to exit the session.

Close All Sessions on Exit

When this option is checked, all sessions will be closed whenever a single session is closed.

Use Windows Default Printer

Enable this option to force the session to use the default printer selected by the operating system. With this option enabled, the **Printer...** button is deactivated indicating that the printer cannot be changed.

Options Tab

Keyboard Profile

This box lists all the defined keyboard profiles. The keyboard profile associated with the session profile is highlighted. To assign a different keyboard profile to this session profile, simply highlight another keyboard profile and click **OK**.

If you are configuring a 3270 session profile only 3270 keyboards will be listed here. For 5250 sessions only 5250 keyboards will be listed, for VT sessions only VT keyboards will be listed and for Wyse sessions only Wyse keyboards will be listed.

Attribute Profile

This box lists all the defined attribute profiles. The attribute profile associated to the session profile is highlighted. To assign a different attribute profile to this session profile, simply highlight another attribute profile and click **OK**.

If you are configuring a 3270 session profile only 3270 attribute profiles will be listed here. For 5250 sessions only 5250 attributes will be listed, for VT sessions only VT attributes will be listed and for Wyse sessions only Wyse attributes will be listed.

Printer Session Setup Tab

The **Printer Setup** tab manages the appearance of print jobs and issue specific commands to the host. The following configuration settings are available:

Use Host Font Setting

Enable this checkbox to override the Font settings.

LPP/CPL

Maximum Lines Per Page

This sets the maximum number of lines you can print on a page. This option has a default value of 66.

Maximum Characters Per Line

This sets the maximum number of columns per page. You may need to set this value slightly higher than the required number to allow for any printer control characters that may be sent by the mainframe. The default is 132 and the maximum is 256.

Note: The Maximum Lines Per Page value and the Maximum Characters Per Line value determine the font size of the printed page. You can control the font size of the printed page by changing these values.

Use Host Spacing Setting

Enable this checkbox to override the LPP/CPL settings.

Use Host Orientation Setting

Enable this checkbox to override the Orientation settings.

Margins (inches)

This is used to set the margins of the print area. The values used are inches. The following margins can be set:

- Top
- Bottom
- Left
- Right

Use Host Page Setting

Enable this checkbox to override the Margin settings.

Display Status during Host Print Job

Select this option for a status box to appear when each print job is sent to a printer session. The status box displays the number of lines currently printed. This option is useful for monitoring the progress of a long print job. If the check box is cleared, a status box does not appear during a host print job, which may be preferable if you do not want to be interrupted with a message box while working in a display session or some other Windows program.

Wrap text at maximum print position

When this check box is selected, any text that extends past the maximum characters per page will wrap around to the next print line. If cleared, any text extending past the maximum characters per page will be truncated and will not be printed.

Print NULL lines

When this check box is selected, any print lines that contain only a carriage return and line feed will be printed as a blank line. If cleared, lines that do not contain text will not be printed.

Suppress NL at max. print position

If this option is selected, a new line (NL) at maximum print position (MPP) + 1 occurs without an automatic-new-line. The option is disabled by default.

For example, if the character 'A' is at MPP of line x and is followed by an NL code (MPP + 1) and the character 'B' (MPP + 2), the 'A' will be printed at the last position of line x and 'B' will be printed at the first position of line x + 1. The example below demonstrates no blank line between the last printed character 'A' and the first printed character 'B' of the next line.

A
B

If this option is not selected, NL at MPP + 1 will occur after an automatic-new-line which resulting in a blank line.

For example, if the character 'A' is at MPP of line x and is followed by an NL code (MPP + 1) and the character 'B' (MPP + 2), the 'A' will be printed at the last position of line x and 'B' will be printed at the first position of line x + 2.

A
-----> blank line
B

Ignore First Form Feed

Your mainframe application may include a Form Feed command to feed a blank page at the start of each print job. You can prevent this by selecting this check box.

Form Feed before print job

Select this option to have clean page printed before each host print job.

Form Feed after print job

Select this option to have a clean page printed after each host print job.

Enable Printer Transparency

There are two ways to send data to a printer using a Windows device driver: (1) using Windows GDI function calls, which is the default, or (2) using pass-through mode, which is used for transparent printing. When the Enable Printer Transparency check box is selected, print data is sent to the printer using pass-through mode. This mode must be used if special control codes or character codes less than hex 20 are to be sent to the printer.

Note: When this option is selected, all other options except **Printer**, **Printer Initialization String** and **Printer Closing String** are disabled.

There are two methods by which PASSPORT allows transparent data to be sent to the printer:

- LU-Type 1 hex 35 transparency control code
- Transparency using Translate Table

If transparent data is being sent to the printer, the **Enable Printer Transparency** check box must be selected, otherwise the Windows printer driver will convert the control codes to blanks, suppress them, or convert them to some other character.

Note: All Windows printer drivers may not support printer transparency. The generic Windows printer driver does not support printer transparency.

IRMA Transparency Toggle Character (hex)

Determines what character is used to turn IRMA transparent printing on or off. Default value is "a1".

Printer Initialization String

This string is specified in hexadecimal digits ranging in values from 00 to FF, with each value separated by a space. The maximum initialization string is 126 bytes. The **Enable Printer Transparency** check box must be selected before this feature can be used. This string is output to the printer at the beginning of the print job.

Printer Closing String

This string is specified in hexadecimal digits ranging in values from 00 to FF, with each value separated by a space. The maximum closing string is 126 bytes. The **Enable Printer Transparency** check box must be selected before this feature can be used. This string is output to the printer at the end of the print job.

End print job on

Select one or more of the following options to cause PASSPORT to end printing:

- **Unbind**
Enabling this option causes PASSPORT to send the contents of the buffer to print after an unbind command is received from the host.
- **TN3270E EOJ**
Enabling this option causes PASSPORT to send the contents of the buffer to print after an End Of Job (EOJ) indicator is received from the host.
- **Telnet Abort Output**
Enabling this option causes PASSPORT to send the contents of the buffer to print after a Telnet abort output command is received.
- **Detect End of Print Job Using Time-out Value (sec.)**
Enabling this option causes PASSPORT to send the contents of the buffer to print after a specified time has passed without an End of Print Job received from the host since the last data stream. The range for the value is 10 to 300 seconds, with the default value set to 30 seconds.

Note: The time-out value should be determined by the speed of the mainframe and the length of the print job.

* This option is not available in TN5250E printing.

Default Button

Click the **Default** button to reset all the **Printer Setup** settings to their default values.

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Security Tab

Enable Secure Connection

Enable this option to encrypt terminal emulation sessions and provide protection from eavesdropping, tampering, or message forgery over TCP/IP. There are two types of secure connections available: SSH (Secure Shell) and SSL (Secure Sockets Layer).

- **SSH**
SSH (Secure Shell) security is available for VT, SCO ANSI and Wyse-60 sessions. When using SSH typically TCP port 22 is used instead of 23.
- **SSL**
SSL (Secure Sockets Layer) is available for TN3270, TN5250, VT, SCO ANSI and Wyse-60 sessions. When using SSL for TN3270 typically TCP port 992 is used instead of 23, but may be configured to any TCP port desired

SSH SECURITY CONFIGURATION

Preferred Protocol Version

Specifies which version of the SSH protocol is used when a host connection is established. Two versions are available: SSH-1 and SSH-2. SSH-2 is a newer, more secure implementation and is the default setting. With this setting PASSPORT will first attempt to connect using SSH-2 and will try SSH-1 if the server does not support SSH-2. Selecting SSH-2 Only or SSH-1 Only will force the connection to this version of the protocol.

Enable Compression

This enables data compression for the SSH connection. With this option enabled, data sent by the server is compressed before sending, and decompressed at the client end. Likewise, data sent to the server is compressed first and the server decompresses it at the other end. This can help with low-bandwidth connections.

When SSH security is enabled, the text "SSH" appears in positions 5-7 of the OIA line.

SSL SECURITY CONFIGURATION

Negotiate via Telnet

Enable to configure PASSPORT to negotiate Transport Layer Security (TLS) through Telnet. To enable PASSPORT to request SSL/TLS immediately without Telnet negotiation, disable the Negotiate via Telnet option.

Accept Self-Signed Certificates

Enable to accept a self-signed server certificate.

Accept Self-Signed Certificates

Enable to accept a self-signed server certificate.

Accept Expired Certificates

Enable to accept a server certificate that has expired.

Accept Not Yet Valid Certificates

Enable to accept a server certificate that has a starting date in the future.

Accept Invalid Certificates

Enable to accept if the server certificate is invalid for any reason other than the date or signature. With this option enabled, the server certificate check will be ignored.

Accept Host Name Mismatch

Enable to accept SSL certificates that have mismatched names. Host names may be either an IP address or a DNS name. In order for host names to match both must be either IP addresses or DNS names.

Action if Certificate Not Accepted

This option determines how PASSPORT will respond to any items above that are unchecked. The items above that are checked will ignore this option and allow the certificate. Choose one of the following:

- Ignore Warning and Connect
- Prompt for User Action
- Do Not Connect

When SSL security is enabled, the text "SSL" appears in positions 5-7 of the OIA line and a padlock will display on the status bar. Double-clicking the padlock will display the certificate information on the server the session is currently connected to.

Enable Client Authentication

If enabled, an SSL client certificate will be used to establish an SSL connection with the host. A certificate must be specified in order to use this option.

Certificate to use from user's "My" store:

Select the SSL certificate to use. In order to use your own SSL client certificate, it must first be added to the Microsoft Windows Certificate Store on the Client's PC.

Forcing SSL/TLS Settings

PASSPORT has some settings that are not configurable via the PASSPORT Administrator GUI. These settings must be configured manually by the PASSPORT Administrator. This topic covers how to force PASSPORT to use a particular version of SSL or TLS, instead of letting the Windows Schannel API automatically pick the SSL or TLS protocol.

Please refer to this Microsoft article for more information:

[http://msdn.microsoft.com/en-us/library/windows/desktop/aa379810\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/windows/desktop/aa379810(v=vs.85).aspx)

Please note that these settings apply to the PASSPORT Terminal Emulation Clients as well as the PASSPORT FTP Client.

Procedure

This is accomplished by adding a parameter called SSLEnabledProtocols, to the [Connection] section of the PASSPORT Web to Host configuration file.

Note: If you are not familiar with the location of the PASSPORT Web to Host configuration files, please refer to the [Directory Structure](#) topic for the location of all the PASSPORT configuration files and their respective file extensions. Please note that PASSPORT Web to Host configuration files are also referred to as session profiles.

Once you have located the desired configuration file, open it with Notepad and add the parameter called `SSLEnabledProtocols` to the [Connection] section, as shown here in **red**:

```
[Connection]
Host=rs01
VTBufferSize=0
NationalReplaceCharSet=United States
SSLClientCertAutoSelect=0
SSLEnabledProtocols=0
```

If the value of `SSLEnabledProtocols=` is set to 0, (the default value), then no SSL or TLS protocols will be forced. This is the equivalent as not having the `SSLEnabledProtocols=0` entry in the first place.

Note: Windows will not allow you to save changes to a file located in the Program Files folder. In order to modify a configuration file, copy the configuration file to your My Documents folder, edit the file there, and save your changes. Then copy the configuration file back to the Program Files folder.

Now you can modify the `SSLEnabledProtocols` value to force which SSL or TLS protocol or protocols can be negotiated during your PASSPORT sessions by using the following table:

Protocol	Value
PCT1	2
SSL v2	8
SSL v3	32
TLS 1.0	128
TLS 2.0	512
TLS 3.0	2048

For example, if you want to force SSL v3, locate the value of SSL v3 which is 32, and replace the 0 with 32, as shown here:

```
SSLEnabledProtocols=32
```

Or, if you want to force either SSL v3 or TLS 1.0, add their values together, which equals 160. Modify the `SSLEnabledProtocols=` value by replacing the 0 with 160, as shown here:

```
SSLEnabledProtocols=160
```

Or, if you want to force TLS 1.0 only, locate the value of TLS 1.0 which is 128, and replace the 0 with 128, as shown here:

```
SSLEnabledProtocols=128
```

Please be aware that you will have to modify each and every configuration file that you want these selections to apply.

Related Topics:

[Security Tab](#)

Window Title Tab

The following options determine the text that will display on the window title bar of the session:

Session Short Name (HLLAPI)

Displays the **HLLAPI Short Name** for the session. This is determined by the **HLLAPI Session Name** setting on the [HLLAPI](#) tab of the **Session Profile** property sheet.

Enclose Session Short Name in Parentheses

Enable this option to display the **Session Short Name** in parentheses, or disable to display the **Session Short Name** alone. This option is only available when the **Session Short Name (HLLAPI)** option is enabled.

Session Long Name (HLLAPI)

Displays the **HLLAPI Long Name** for the session. This is determined by the **HLLAPI Session Name** setting on the [HLLAPI](#) tab of the **Session Profile** property sheet.

Session Profile Name

Enable this option to display the name of the PASSPORT configuration file for the session. With this option enabled, you must also select one of the following formats:

- **Short**
Displays only the profile name, for example:
MySession
- **Long**
Displays the profile name along with the full path, for example:
`http://ServerName/pec/Ecomes.zwh?sessionprofile=3270dsp/Sessions/MySession`

Session Name

Enable this option to enter a customized window title, which may include any Windows system variable. For example, **%USERNAME%** displays the currently logged in user or **%COMPUTERNAME%** displays the workstation name.

Note: from a Windows command prompt, type SET to display a list of the current variables available on a workstation. Custom variables may be added from the Advanced tab of Windows System Properties.

Session Dimensions (display sessions only)

Enabling this option displays the screen dimensions for the session. These are determined by the **Screen Size** setting on the [Connection](#) tab of the **Session Profile** property sheet.

Separator

Enable this option to enter a single character to use for separating each of the above options.

5250 Print Tab

The **5250 Print** tab manages the configuration settings for all TN5250 print jobs. The following settings are available:

Message Queue

This defines the name of the queue to which operational messages for a printer device will be sent. A message queue exists for each display device and is assigned the same name as the display device itself. If you specify the name of a display session here, messages relating to this printer device will be sent to that display session instead of to the default queue. The default message-queue name is **QSYSOPR**.

Message Library

This option defines the name of the message library in which the message queue is located. The default is ***LIBL**.

Host Font

This specifies which font identifier is used for the AS/400 print file. The default is Courier 10.

Forms Mode

This option allows you to select the form mode that will be used for the AS/400 print file.

Host Print Transform

This option transforms print data to ASCII format in the AS/400 according to the make and model of the printer that you want to use.

Printer Model

This option allows you to choose the PC printer that you want to connect to.

Paper Source 1

This allows you to choose the size of paper that is loaded in the paper source. The default is ***MFRTYPMDL**.

Paper Source 2

This allows you to choose the size of paper that is loaded in the paper source.

Envelope Source

This allows you to choose the size of paper that is loaded in the envelope source.

Customizing Object

This option allows you to type the **Name** and **Library** of the AS/400 customizing object that contains the information to be used for your printer during a printer session.

ASCII Code Page 899

This option allows you to choose whether or not your personal printer supports ASCII code-page-899 symbols.

Default Button

Click the **Default** button to reset all the **5250 Print** settings to their default values.

Keyboards

Customize Keyboard Editor

To assign an action to a keyboard key:

1. Highlight the keyboard button you want to customize.
2. Choose the Normal, Shift, Ctrl, Alt, Alt-Gr, Alt-Shift, Alt-Ctrl, or Shift-Ctrl radio button.
3. Select the **Edit** button.
4. Choose the appropriate [action category](#), then select an item within the category.
5. Click **OK** to return to the **Customize Keyboard Editor** screen.
6. Repeat steps 1-5 as necessary.
7. Click **OK** to save and exit.

Note: If the **Language** selected is English (U.S.), the 101 key enhanced keyboard will be displayed. If the **Language** is not English (U.S.), the 102 key enhanced keyboard will be displayed.

Define Function or Assignment

This area contains eight buttons. They represent the eight different control key combinations that may be used with each key. Any [action](#) may be mapped to each of these eight control key combinations.

- Normal – the key value without any control keys being held down.
- Shift – the key value with the Shift key held down.
- Ctrl – the key value with the Ctrl key held down.
- Alt – the key value with the Alt key held down.
- Alt-Gr – the key value with the Alt-Gr key held down (non-U.S. only)
- Alt-Shift – the key value with Alt and Shift keys held down.
- Alt-Ctrl – the key value with Alt and Ctrl keys held down.
- Shift-Ctrl – the key value with Shift and Ctrl keys held down.

Note: For English (U.S.) the Alt-Gr is not available as a separate control key, and performs the same function as the Alt key.

Defaults Button

This button provides the ability to reset the keyboard map and the keyboard language. The keyboard

map affects the AID key or host key mappings. The keyboard language affects the text character mappings.

New Keyboard Profile

After completing the information in this dialog box, the [Customize Keyboard Editor](#) appears which provides the ability to fully customize the keyboard map.

Please enter the name for the new keyboard profile

Type the name of the keyboard profile you are creating. This name appears in the right pane when keyboards are selected in the left pane. This name will appear in the **Keyboard Profile** list in the [Options Tab](#) of the Session property sheet.

Select Keyboard Map

PASSPORT provides four industry standard keyboard maps. A keyboard map is used to map host keys from an actual terminal to keys or key combinations on a standard PC keyboard.

- PASSPORT
- EXTRA!®
- Rumba
- IBM

Language

The following international languages are supported for keyboard layout, screen display, and character translation. This selection affects how text characters are mapped to actual keys on a standard PC keyboard.

- Belgian
- Canadian French
- Danish
- Dutch
- English (UK)
- English (US)
- French
- German/Austrian
- Italian
- Latin American
- Norwegian

- Portuguese/Brazilian
- Spanish
- Swedish/Finnish
- Swiss French
- Swiss German

New Keyboard Profile - VT and SCO ANSI

After completing the information in this dialog box, the [Customize Keyboard Editor](#) appears which provides the ability to fully customize the keyboard map.

Please enter the name for the new keyboard profile

Type the name of the keyboard profile you are creating. This name appears in the right pane when keyboards are selected in the left pane. This name will appear in the **Keyboard Profile** list in the [Options Tab](#) of the Session property sheet.

Select Emulation Type

Select if this keyboard will be configured for either a VT or an SCO ANSI terminal emulation session. SCO ANSI keyboards have additional host keys.

- VT52/VT100/VT420
- SCO-ANSI

Select Keyboard Map

PASSPORT provides four industry standard keyboard maps. A keyboard map is used to map host keys from an actual terminal to keys or key combinations on a standard PC keyboard.

- PASSPORT
- EXTRA!®
- Rumba
- IBM

Language

The following international languages are supported for keyboard layout, screen display, and character translation. This selection affects how text characters are mapped to actual keys on a standard PC keyboard.

- Belgian
- Canadian French
- Danish

- Dutch
- English (UK)
- English (US)
- French
- German/Austrian
- Italian
- Latin American
- Norwegian
- Portuguese/Brazilian
- Spanish
- Swedish/Finnish
- Swiss French
- Swiss German

New Keyboard Profile - Wyse

After completing the information in this dialog box, the [Customize Keyboard Editor](#) appears which provides the ability to fully customize the keyboard map.

Please enter the name for the new keyboard profile

Type the name of the keyboard profile you are creating. This name appears in the right pane when keyboards are selected in the left pane. This name will appear in the **Keyboard Profile** list in the [Options Tab](#) of the Session property sheet.

Language

The following international languages are supported for keyboard layout, screen display, and character translation. This selection affects how text characters are mapped to actual keys on a standard PC keyboard.

- Belgian
- Canadian French
- Danish
- Dutch
- English (UK)

- English (US)
- French
- German/Austrian
- Italian
- Latin American
- Norwegian
- Portuguese/Brazilian
- Spanish
- Swedish/Finnish
- Swiss French
- Swiss German

Attributes

Auto Complete

The Auto Complete feature saves previously entered data from host screens. When you type information in one of these fields, Auto Complete suggests possible matches, allowing you to select from a list of saved choices. Available in 3270 and 5250 sessions only.

Note: The Auto Complete dictionary file (Passdict.zad), which is located in the PASSPORT working directory, is shared by all sessions and maintains a list of previously entered words.

Enable Auto Complete

Turns on the Auto Complete feature.

Use words collected from all screens

Enable this setting to allow Auto Complete to make suggestions from any data entered on any host screen. If disabled, data is collected based on the current field only.

Case sensitive matching

Enable this setting to have Auto Complete display lists which match the uppercase and/or lowercase characters that are typed. Disable this setting to have Auto Complete ignore the case.

Wrap text into next field

Enable this setting to have Auto Complete wrap data selected from a completion list to the next available field when it does not fit in the current field. Disable this setting to have Auto Complete truncate the selection at the end of the current field.

Erase to the end of the field after inserting Auto Complete word

Enable this setting to erase any text between the inserted Auto Complete word and the end of the current field.

Characters typed before completion list is shown

Sets the number of characters typed before the list of suggested words is displayed. Default setting is 3.

Maximum number of words in completion list

Sets the maximum number of items to display in a particular list of suggested words. Default setting is 5 and maximum is 12.

Note: each completion list is sorted alphabetically. If an item is not displaying in a completion list as expected, you may need to increase this value, or type additional characters for the word to appear.

Note: Auto Complete is not available in hidden or non-display fields and does not provide completion lists for these.

Actions

The following action categories are used during customization of hotspots, toolbar, keyboards, mouse and button bar. After selecting a category, choose a specific item within that category to assign.

- **Nothing**
Sets the current action to nothing, clearing any previously selected action.
- **Host Key**
Displays a list of available host keys. This list will vary depending on the **Emulation Type** that the session is configured for.
- **APL Key (3270 sessions only)**
Displays a list of available APL characters.
- **Dead Key**
Displays a list of available dead keys. Dead keys allow special characters such as ö or û.
- **Text Character**
Displays a list of available text characters.
- **Text String**
Displays a free-form text input box, which allows you to enter a string of text. This text string may also include host keys, which are listed below and may be inserted by highlighting and choosing the **Add to Text String** button. Host keys must be enclosed within brackets (for example <ENTER>).
- **Macro**
Displays a list of **System Macros** for the specified emulation type.
- **Menu Command**
Displays a list of the PASSPORT menu commands.

- **Mouse Function**

Either of the following mouse functions can be selected: Scroll Up Screen or Scroll Down Screen. These functions provide the ability to scroll up and down through the scroll back buffer. The scroll back buffer must be enabled in order to use these functions.

Scroll Up Screen

Provides the ability to scroll up through the scroll back buffer. The scroll back buffer must be enabled in order to use this function.

Scroll Down Screen

Provides the ability to scroll down through the scroll back buffer. The scroll back buffer must be enabled in order to use this function.

If mouse events are being customized, the following additional functions can be assigned to a mouse event.

Display Floating Menu

This option activates the shortcut menu.

Hotspot Detect

This option activates hotspots on the host screen.

Hotspot/Move Cursor and Enter (TN3270 and TN5250 only)

This option activates hotspots on the host screen when they are clicked; otherwise, this option positions the cursor at the location of the mouse click, and then carries out the Enter command.

Hotspot/Word Select

This option activates hotspots on the host screen when they are clicked; otherwise, this option selects the entire word.

Note: if the Automatic Copy Selected Area option is enabled, the word will be automatically copied to the clipboard and will no longer be selected.

Light Pen Emulation

This option emulates light pen operation.

Move Cursor (TN3270 and TN5250 only)

This option positions the cursor at the location of the mouse click.

Move Cursor and Enter (TN3270 and TN5250 only)

This option positions the cursor at the location of the mouse click and then carries out the Enter command.

- **Miscellaneous**

Displays the following miscellaneous functions:

Run Application

Runs the executable (.exe) specified in the **Application file name** field. Choose the **Browse** button to search for an application file to specify.

Windows-Tile

Performs a Windows tile function on the specified session windows. Enter the HLLAPI short name for each session to include in the **Session short names** field, separating each one with a space. For example, A B C.

Windows-Cascade All

Performs a Windows cascade function on all session windows.

Windows-Minimize All

Minimizes all session windows.

Button Bars Tab

This menu command provides the ability to customize each of the three button bars. By default, each button bar is docked either to the top or bottom of the Window. Button bars 1 and 2 are docked to the bottom of the Window, whereas button bar 3 is docked to the top of the Window. Each button bar has 18 buttons.

Select Button Bar

Select the button bar that you want to customize: either button bar 1, 2 or 3.

Button/Text/Action

Select the button number to be customized. When selected, the Button/Text/Action entry is highlighted.

Default... Button

Use this button to reset all of the 18 buttons to their default values for the currently selected button bar. In order to reset the default values for all three button bars, each button bar must first be selected individually and then this button pressed.

Edit... Button

Use this button to edit the text and action parameters for the currently highlighted button number. When this button is pressed the [Button Bar Button Properties](#) dialog box is displayed.

Exclusive Row Mode

When this option is enabled, the button bar expands to fill the width or height of the window. When unchecked, each button's width will be determined by the length of its text.

Button Bar Button Properties

Clicking the **Edit** button on the **Button Bar** screen displays the **Button Properties** dialog box, which allows you to configure the button bar button properties and set the [Action](#) to perform when the button is pressed.

Properties Tab:

Text

Text string that will display on the button face.

Note: A single ampersand (&) character used in the button text will not display on the button. To display this character on a button, you must type two ampersand characters (for example, "123 && 4").

Action Tab:

Category

Displays a list of [action categories](#). Choose an item within the category to assign to the button bar button.

Colors Tab

The **Colors** tab allows you to customize the color settings that are viewed on the PASSPORT display session window. Custom color assignments can be saved in a color scheme file.

Select Color Scheme Type**Default**

Select this setting to use the preset default color scheme.

External File

Select this setting to use customized color settings stored in a file separate from the session profile.

Server

Select this setting to use the default color scheme configured by your administrator on the PASSPORT Web to Host Server.

Customize... Button

Select this button to actually customize the colors. When this button is pressed, the [Customize Color Scheme](#) dialog box is displayed.

Custom Color Scheme File**Browse... Button**

To select a custom color scheme that has been previously defined, use the **Browse...** button. Color scheme files have the .zcs file extension. Color schemes defined for different emulation types should only be used for the emulation type it was customized for.

Colors Affect APA Graphics (TN3270 emulation only)

When this option is enabled, the customized colors are also used for APA graphics display.

See also: [Customize Color Scheme](#)

Customize Color Scheme

Category

The category listbox lists all the possible elements that can be customized for the emulation type currently in effect.

Sample

This area displays sample text in the selected color.

Foreground Colors

There are 16 standard colors that can be used in addition to fully customizable colors. In order to use a customized color click on the paint icon and the standard Windows color palette dialog box is displayed.

Background Colors

There are 16 standard colors that can be used in additional fully customizable colors. In order to use a customized color, click the paint icon and the standard Windows color palette dialog box is displayed.

Save As

Allows you to save the current custom color settings in a separate color scheme file.

OK

Saves the current custom color settings into the appropriate location. If Default or Custom is selected in **Options > Colors**, then the settings will be saved to the session profile. If External File is selected in **Options > Colors**, then the settings will be saved to the currently selected external color scheme file.

Configurable color settings vary by emulator type. The following table show the configurable color settings by emulator.

- [Category \(3270/5250\)](#)
- [Category \(VT\)](#)
- [Category \(Wyse\)](#)

Category (3270/5250)

There are sixteen different text categories that may be assigned a color. Only one at a time may be selected for customization.

Extended Attribute Colors	Default Color
Host Blue	Turquoise
Host Red	Bright Red
Host Pink	Magenta
Host Green	Bright Green
Host Turquoise	Cyan
Host Yellow	Yellow
Host White	White
Base Colors	
Unprotected Normal	Bright Green
Unprotected High	Bright Red
Protected Normal	Cyan
Protected High	White
Miscellaneous Colors	
OIA	White
OIA Error	Bright Red

Cursor	White
Cursor Ruler	Bright Green
Screen Background	Black

Category (VT)

There are twenty-three categories that may be assigned a color. Only one at a time may be selected for customization:

Category	Default Color
Normal	Bright Green
Blink	Bright Yellow
Bold	Bright Red
Black Normal	Black
Red Normal	Maroon
Green Normal	Dark Green
Yellow Normal	Dark Yellow
Blue Normal	Navy Blue
Magenta Normal	Purple
Cyan Normal	Blue-Green
White Normal	Light Gray
Black Bold	Dark Gray
Red Bold	Bright Red
Green Bold	Bright Green
Yellow Bold	Bright Yellow
Blue Bold	Blue
Magenta Bold	Magenta
Cyan Bold	Cyan
White Bold	White
OIA	White
Cursor	White
Cursor Ruler	Bright Green
Screen Background	Black

Category (Wyse)

There are seven categories that may be assigned a color. Only one at a time may be selected for customization:

Category	Default Color
Normal	White

Blink	Bright Yellow
Dim	Dark Gray
OIA	White
Cursor	White
Cursor Ruler	Bright Green
Screen Background	Black

Cursor Tab

The **Cursor** tab allows you to customize the cursor settings that are viewed in the PASSPORT display session window. The following cursor settings are configurable:

Cursor Type

The default **Cursor Type** for the current session can be set to **Underline** or **Block**. This setting can also be changed by using the **Alt+Cursor** key (**Alt+F11** on default PASSPORT keyboard map) or by using the **AltCur** button on **Button Bar 2**.

Cursor Blink

The cursor can be set to blink when this option is enabled. To enable this feature, select **On** or use the **Cursor Blink** key (**Ctrl+F10** on default PASSPORT keyboard map).

Cursor Ruler

The cursor ruler provides horizontal and/or vertical "cross-hairs" that intersect to pinpoint the position of the cursor in the session window. Select one of the following to enable the Cursor Ruler:

- **Cross**
Displays both vertical and horizontal lines.
- **Vertical**
Displays only a vertical line.
- **Horizontal**
Displays only a horizontal line.

Note: this feature can also be enabled or disabled by using the Cursor Ruler key (Ctrl + Home on default PASSPORT keyboard).

Toggle Cursor Type during Insert Mode

When this option is enabled, the insert mode will switch the default cursor type, indicating that insert mode is active. For example, if cursor type is set to block, the cursor will change to an underline when the insert mode is enabled, and vice versa. This option is not available for VT, SCO-ANSI or Wyse-60 emulation.

Show Cursor Position on OIA line

When this option is enabled, the cursor position (rows and columns) will be shown on the OIA (Operator

Information Area) line during a connected session. This option is enabled by default. This option is not available for Wyse-60 emulation.

Move Cursor when Clicking on Screen of Inactive Session

When enabled, the cursor will move to the spot where you click in an inactive session. This feature is disabled by default.

Edit Tab

The following options can be customized for block mode terminal emulation types (TN3270, TN5250).

Copy Mode

This option affects the way text is copied from the terminal emulation screen into the Windows clipboard. This affects how the **Edit>Copy** and **Edit>Cut** menu commands operate.

- **Data with no formatting**
Provides no formatting for the copied text. This is useful for text that will be pasted into the emulation screen as command line data.
- **Lines with terminators (Default)**
Copies each individual line of text and includes a carriage return and line feed at the end of each line.
- **Paragraph format for word processing**
Copies the selected area of text and retains paragraph formatting attributes. Selecting this option will insert a space at the end of each line to prevent words from running together. A carriage return and line feed will be added before blank lines.
- **Tabular format for spreadsheets**
Copies the selected area of text and separates into rows and columns. Two or more consecutive blank spaces between words are converted to a single tab. Tabs are typically interpreted by spreadsheets and word processor tables as cell separators. Single spaces between words remain when a copy is performed, unless immediately followed by a numeric character (numbers 0 through 9, +, - or .)
- **Tabular format (field separated)**
Copies the selected area of text and separates into rows and columns. Each field (protected or unprotected) is treated as a single cell in a spreadsheet. The end of each row on the terminal emulation screen is treated as the end of the row in the a spreadsheet.
- **Tabular format (word separated)**
Copies the selected area of text and separates into rows and columns. Each word on the terminal emulation screen is treated as a single cell in a spreadsheet. The end of each row on the terminal emulation screen is treated as the end of the row in the a spreadsheet.

Paste Mode

These options affect the way text is pasted into the terminal emulation screen from the Windows clipboard. This affects the operation of the **Edit>Paste** and **Edit>Paste Continue** menu commands.

- **Block Mode (Default)**

Block paste mode treats the data in the Windows clipboard as a block of tabular data. The data block is then overlaid on top of the PASSPORT screen starting at the current cursor position. Data that would be pasted into a protected field is not copied to the PASSPORT screen. Data that goes beyond the right hand side of the PASSPORT screen or bottom of the PASSPORT screen is not copied (unless the Word Wrap option is enabled). With Block Paste Mode enabled, tabs are converted into spaces.

- **Stream Mode**

Stream paste mode provides a convenient way of copying data from other Windows applications such as spreadsheets. Stream mode treats the clipboard data as a stream and copies text to unprotected fields only field by field, skipping over protected fields. When a field is filled up or when tabs or new lines are encountered in the data stream, it jumps to the next unprotected field and continues the pasting.

- **Field Mode**

Field paste mode provides an advanced method of pasting text from the clipboard into TN3270 or TN5250 fields. Before data is pasted into a host field, the field may be cleared to either all spaces, nulls or underscores. The first line of data from the clipboard is pasted into the field where the cursor is positioned, starting at the cursor position. The cursor must be located in an unprotected field. The next line of data from the clipboard is then pasted into the next unprotected field starting at the first location of the field. This operation is repeated until the clipboard is empty or else there are no more unprotected fields on the screen.

- **Spreadsheet Mode**

This mode is similar to Field Mode, except fields are delimited by tabs or non-printable characters rather than a new line. Use this mode when pasting text from a spreadsheet to the host screen.

- **Spreadsheet Mode 2**

This mode is similar to Spreadsheet Mode, with one exception. With this mode enabled, the starting cursor position serves as the left margin for pasted text and each row of text will be pasted starting at this same column position.

Word Wrap

This option is only available for block mode. If enabled, words that would normally overrun the right side of the PASSPORT screen or host field are automatically placed on the next line and aligned with the original cursor position when the paste was performed.

Fill field with

This option can be used with any paste mode except stream mode. If enabled, after text is pasted into the field the remainder of the field is filled with one of the following:

- **Nulls** (EBCDIC hexadecimal value 0x00)
- **Spaces** (EBCDIC hexadecimal value 0x40)
- **Underscores** (EBCDIC hexadecimal value 0x6D)

Move cursor to end of pasted text

This option provides the ability to move the cursor to end of the text that has been pasted into the PASSPORT terminal emulation screen. This is useful when you would like to continue entering text at the end of some text you just pasted.

Automatically copy selected area and

Choose the desired behavior from the drop down listbox: **Clear selection** or **Keep selection**. When enabled, this option provides the ability to automatically copy the selected text into the Windows clipboard. You do not have to choose the Edit > Copy command after you select the text. Copying is automatic. You choose to keep or to clear the selection box after the text has been selected.

Note: The automatic copying of text only works when text is selected using the mouse and not the keyboard. This feature is not available when using "Select All" or using keyboard commands to select text.

Reverse black and white on Copy Graph

This option will reverse the black and white background color of a session when performing a copy graph action under the Edit menu. To retain the actual color of the host screen, this option must be disabled.

Paste to protected fields

When this option is enabled, an attempt is made to paste of block of text into a area that contains a mixture of unprotected and/or protected fields. Any text that falls into a protected field is discarded. Any text that falls into unprotected fields is performed. When this option is disabled, protected fields are skipped when pasting into to the host screen. This option is available only for block paste mode.

Show Selection as

Select one of the following to determine how text selection is displayed on the screen: **Dotted Rectangle** (default) or **Reverse Video**.

Selection Mode

Select one of the following to determine how text selection is performed: **Block Mode** or **Line Mode**. Block mode is similar to selecting text in a spread sheet, whereas line mode is similar to selecting text in a text document.

Replace Cut Text with

Select which character to use for replacing cut text from unprotected fields: **Nulls** or **Spaces**. For nulls, the null character (EBCDIC hexadecimal value 0x00) is used to replace the cut text. For spaces, the space character (EBCDIC hexadecimal value 0x40) is used to replace the cut text.

Allow text to be dragged and dropped

If this option is selected, you can drag and drop text to copy it. This option is selected by default.

Only copy text from input fields

Enable this option if you are having problems with copying and pasting data from input fields that have phone numbers, social security numbers, etc.

Edit Tab

The following options can be customized for stream mode terminal emulation types (VT, SCO ANSI, Wyse 60).

Copy Mode

This option affects the way text is copied to the Windows clipboard. This affects how the **Edit > Copy** menu command operates.

- **Data with no formatting**
Provides no formatting for the copied text. This is useful for text that will be pasted into the emulation screen as command line data.
- **Lines with terminators (Default)**
Copies each individual line of text and includes a carriage return and line feed at the end of each line.
- **Paragraph format for word processing**
Copies the selected area of text and retains paragraph formatting attributes. Selecting this option will insert a space at the end of each line to prevent words from running together. A carriage return and line feed will be added before blank lines.
- **Tabular format for spreadsheets**
Copies the selected area of text and separates into rows and columns. Two or more consecutive blank spaces between words are converted to a single tab. Tabs are typically interpreted by spreadsheets and word processor tables as cell separators. Single spaces between words remain when a copy is performed, unless immediately followed by a numeric character (number 0 through 9, +, - or .)

Selection Mode

Select one of the following to determine how text selection is performed: **Block Mode** or **Line Mode**. Block mode is similar to selecting text in a spread sheet, whereas line mode is similar to selecting text in a text document.

Show Selection as

Select one of the following to determine how text selection is displayed on the screen: **Dotted Rectangle** (default) or **Reverse Video**.

Automatically copy selected area and

Choose the desired behavior from the drop down listbox: **Clear selection** or **Keep selection**. When enabled, this option provides the ability to automatically copy the selected text into the Windows clipboard. You do not have to choose the Edit > Copy command after you select the text. Copying is automatic. You choose to keep or to clear the selection box after the text has been selected.

Note: The automatic copying of text only works when text is selected using the mouse and not the keyboard. This feature is not available when using "Select All" or using keyboard commands to select text.

Allow text to be dragged and dropped

If this option is selected, you can drag and drop text to copy it. This option is selected by default.

Fonts Tab

Font Type

PASSPORT supports five different font types. The default font is the PASSPORT terminal font. However, both Windows raster and True Type fonts may also be used.

- PASSPORT Terminal Font**
 This font is a bit-mapped raster font, closely resembling the font of a terminal. It has many available font sizes. This font is the default.
- PASSPORT Thin Font**
 This font is basically the same as the PASSPORT terminal font, except thinner. This font is recommended for low resolution screen display, like 800 x 600 or 640 x 480.
- PASSPORT True Type Font**
 This font contains all the characters in the PASSPORT Terminal font but scales better. This font is recommended for very high resolution displays, like 1200 x 800, 1600 x 1200 or above. This font is also recommended for any resolution when more control over the size of the terminal emulation window is needed.
- Windows Raster Font**
 These fonts are similar to the PASSPORT Terminal font, but do not have as many font sizes to choose from (some may have only one font size). When this option is chosen, all of the available Windows fixed pitch raster fonts are displayed in the font list box, along with the font type and size.
- Windows True Type Font**
 True Type fonts scale better and therefore have more sizes available than raster fonts, including the PASSPORT Terminal font. When this option is chosen, all of the available Windows fixed pitch True Type fonts are displayed in the font list box, along with the font type and size.

Note: All fonts listed above provide full APL character support.

Fixed Font Size

When this option is enabled, the font size is determined by the size setting. When the window is resized, the font size remains. If data is pushed off the screen due to the font size, vertical and/or horizontal scroll bars may be displayed, which the user can use to view host data which is currently off the screen.

Font

This list box contains a list of the available Windows fonts that you can choose from. Some of these fonts may include Courier, FixedSys, Courier New, etc.

Font Style

This list box provides a list of the available styles for the selected font. The two most common font styles are Regular and Bold. PASSPORT does not support the Italic style.

Size

The list box lists all the point sizes available for the selected font.

FTP File Transfer Scheme

File Type

There are three file types used by FTP file transfer:

- **Text**
Files are transferred in ASCII format.
- **Binary**
Files are transferred in Binary format.
- **Auto**
With Auto selected all files are transferred in Binary format unless the file extension is listed in the Text File Extensions field. In this case ASCII format will be used.

Text File Extensions

Type each file extension separated by semi-colons to specify as text files. The default settings for text file extensions include txt, bat and ini.

Verify Before Replacing or Overwriting a File

If this option is enabled, a warning will display to notify the user that the attempted file transfer will overwrite a file with the same name. You will be given the following options:

- **Yes**
Overwrites only the specified file.
- **Yes to All**
Overwrites all duplicate files for the file transfer operation.
- **No**
Keeps the original file and aborts only this file transfer.
- **No to All**
Keeps all original files and aborts all file transfers where duplicate files exist.
- **Cancel**
Aborts the entire file transfer operation.

Display Negative Reply from Host in a Dialog Box

When this option is enabled, a dialog box is displayed with information whenever a file transfer failure occurs. These type of errors generally occur when files are being transferred to a host.

FTP Server Settings - Firewall

Use Firewall

Select this check box to enable the following fields for entering information about the firewall.

Host Name

Enter the name of the firewall.

Port

Enter the port number for the firewall.

Type

Select from the drop-down list the type of firewall. "SITE hostname" is the default.

Username

Enter your user name to gain access through the firewall.

Password

Enter your password on the firewall.

Save Password

Enable this option in order to save the password for future connections. The password is encrypted and saved into the current session profile.

FTP Server - Host Settings

Server Type

This setting determines the type of FTP security, if any, to be used

- FTP
- SFTP using SSH
- FTP over SSL

Host Type

Choose from the list of available host types or select Auto Detect to allow the FTP Client to determine what type of host it is connecting to.

Host Name

Enter the name of the host computer. You may use the URL format or the actual IP address. Both IPV4 and IPV6 are supported.

Initial Path

Enter the name of a host directory that you want as the default directory when connecting to the host. This field is optional.

FTP Port

The standard port setting of 21 is entered as a default. However, you may enter a different port. The default port for SFTP is 22.

Timeout (sec)

Enter the number of seconds during which FTP will try to make connection to the host computer before quitting. The default value is 60 seconds.

Retry

Enter the number of times FTP is to try to connect to the host computer after timing out because a connection was not made. The default value is 10 times.

Username

Enter your user name on the host computer. If you are accessing a public FTP server that does not have user name and password restriction, click the **Anonymous** check box.

Anonymous

Click this check box if you do not have a user name and password on the host and the host allows you to enter anonymously. The system automatically enters "anonymous" as the Username and your e-mail address as the Password.

Password

Enter your password on the host computer.

Save Password

Enable to save the password for future connections. Disable to be prompted for password each time a connection is made. The password is encrypted and saved into the current session profile.

Account

Enter the account name on the host computer if one is required. Some hosts require an account name in addition to username and password.

Use PASV Transfer Mode

Enable this option if you want to use the passive data transfer mode to initiate the transfer instead of the active mode. In active mode, the FTP client opens a random port, sends the FTP server the random port number on which it is listening over the control channel, and waits for a connection from the FTP server. In passive mode, the FTP server opens a random port, sends the FTP client the server's IP address to connect to and the port on which it is listening over the control channel, and waits for a connection from the FTP client. This setting is recommended if data is to be transferred through a firewall.

FTP Server Settings - SSH

Preferred Protocol Version

Specifies which version of the SSH protocol is used when a connection is established. Two versions are available: SSH-1 and SSH-2. SSH-2 is a newer, more secure implementation and is the default setting. With this setting FTP will first attempt to connect using SSH-2 and will try SSH-1 if the server does not support SSH-2. Selecting SSH-2 Only or SSH-1 Only will force the connection to this version of the protocol.

Enable Compression

This enables data compression for the SSH connection. With this option enabled, data sent by the server is compressed before sending, and decompressed at the client end. Likewise, data sent to the server is compressed first and the server decompresses it at the other end. This can help with low-bandwidth connections.

FTP Server Settings - SSL

Accept Self-Signed Certificates

Enable to accept a self-signed server certificate.

Accept Expired Certificates

Enable to accept a server certificate that has expired.

Accept Not Yet Valid Certificates

Enable to accept a server certificate that has a starting date in the future.

Accept Invalid Certificates

Enable to accept if the server certificate is invalid for any reason other than the date or signature. With this option enabled, the server certificate check will be ignored.

Accept Host Name Mismatch

Enable to accept SSL certificates that have mismatched names. Host names may be either an IP address or a DNS name. In order for host names to match both must be either IP addresses or DNS names.

Action if Certificate Not Accepted

This option determines how PASSPORT will respond to any items above that are unchecked. The items above that are checked will ignore this option and allow the certificate. Choose one of the following:

- Ignore Warning and Connect
- Prompt for User Action
- Do Not Connect

Enable Client Authentication

If enabled, an SSL client certificate will be used to establish an SSL connection with the host. A certificate must be specified in order to use this option.

Certificate to use from "My" store:

Select the SSL certificate to use. In order to use your own SSL client certificate, it must first be added to the Microsoft Windows Certificate Store.

Encrypt Data Channel

Enable encryption of the data channel. The security standard for FTP states that the data channel remains insecure by default. This means that SSL encryption would usually only be enabled on the control channel. Although this would protect from eavesdropping of user names, passwords and file locations, the uploaded and downloaded files would remain vulnerable. By setting the data channel to be encrypted, PASSPORT does not have to implicitly state encryption of the data channel.

Graphics Tab

Graphics Input Cursor Type

This option enables you to set the default graphics cursor type. The available choices are:

- Small White
- Large White
- Small Green
- Large Green

Note: This option is only available for TN3270 sessions.

Hotspots Tab

The **Hotspots** tab allows you to customize and enable the hotspots.

Select Hotspots

You can choose either Disable or Default. Select Disable to disable hotspots, or select Default to use the default set of hotspots. Choose the **Customize** button to enable the Custom selection.

Customize... Button

This button displays the Customize Hotspots dialog box which provides the ability to add custom hotspots that can be displayed on the host screen.

View Hotspots

When the View Hotspots check box is enabled, hotspots will appear highlighted on the host screen.

Hotspot Customization

The Customize Hotspots dialog box provides the ability to determine which text displayed on the host screen is identified as a hotspot and what action is to be performed when the hotspot is double-clicked with the mouse.

Custom Hotspots

The current list of hotspots are listed in this list box. Under the Text heading, is the list of actual text strings that are identified as hotspots on the host screen. The hotspot type can either be Send Key or System Macro. When the type is Send Key the actual host key sent to the host (Enter, PF1, etc.) is listed under the hotspot action. When the hotspot type is System Macro, the name of the macro to be executed is listed under the hotspot action. The Case is either Yes or No and indicates if the hotspot text is case sensitive or not. The Space indicator tells whether or not the hotspot text string must be followed by a space.

To change these custom hotspots, you can either use the [Add...](#), **Remove**, or **Edit...** buttons.

PF Key Hotspots

These check boxes are used to set global common hotspot text.

- **PFnn**
Hotspot text "PF1" to "PF24" is used to send host keys PF1 to PF24 to the host.

- **FPnn**
Hotspot text "FP1" to "FP24" is used to send host keys PF1 to PF24 to the host.
- **Fnn**
Hotspot text "F1" to "F24" is used to send host keys PF1 to PF24 to the host.
- **nn**
Hotspot text "1" to "24" is used to send host keys PF1 to PF24 to the host.
- **nn=**
Hotspot text "1=" to "24=" is used to send host keys PF1 to PF24 to the host.

Hotspots Properties

Text

This field allows you to assign the actual hotspot text. This text will activate the action specified in the Action area.

Case Sensitive

When enabled, text on the host screen must match the case of the hotspot text exactly to activate that text as a hotspot (so, for example, "mainframe" would not be sufficient to activate the hotspot, "Mainframe"). When this option is cleared, the text does not need to match the case.

Terminated with Spaces

When enabled, the hotspot text string must have a space directly before and after it for it to be activated as a hotspot. This option enables you to specify that a hotspot be a whole word; otherwise, for example, the hotspot "top" would be activated by both "top" and "stop." Clearing this check box enables partial-word hotspots.

Action

The [Action tab](#) lists the possible actions that can occur when a designated hotspot is activated by double-clicking on it.

IND\$FILE File Transfer Scheme

File Transfer Method

There are two types of file transfer methods that can be configured when using the IBM host IND\$FILE program.

- **Presentation Space**
The presentation space file transfer is an older method of file transfer. This method of file transfer must be used for sessions that are not configured for extended data stream and with mainframes that may not support extended attributes, such as CICS.
- **Structured Field**
The structured field file transfer is usually a faster method of file transfer. However, this method

required that the display session on the host is configured for extended data stream, and that PASSPORT is configured for extended attributes. Enabling extended attributes is done using the [Connection Tab](#) when configuring a 3270 display session profile.

Block Size

This option can only be configured when the structured field file transfer method is selected. The structured field block size can be configured for 2 KB, 4 KB or 8 KB.

File Type

There are three file transfer types used by IND\$FILE. If **Custom** is selected, the parameters can be customized using the [CMS](#), [TSO](#) and [CICS](#) tabs depending on which **Host OS** is selected.

- **Text**
- **Binary**
- **Custom**

Host OS

You must select the correct host operating system for file transfer. Three IBM host operating systems are supported with the IBM IND\$FILE file transfer:

- **CMS**
- **TSO**
- **CICS**

Host Program Name

This is the name of the IBM host file transfer program. In the US, this is usually IND\$FILE. In other countries the "\$" symbol is replaced by the local currency symbol. Contact the host system administrator if your file transfer does not work or if you are unsure as to what should be used for the host program name. Refer to the file transfer **Mainframe System Requirements** in the Client User Guide Technical Reference Section for additional information.

Time Out Value (Seconds)

This is the amount of time allowed for the host system to respond after PASSPORT has initiated a file transfer request. If no response is received before the specified number of seconds, an error message is issued and the transfer process aborted.

PC Code Page

This is the PC code page used for translating text files. Select the PC code page that is appropriate for your country. Code pages are used to determine which numeric values are used to represent which text characters. The default is 1252 Windows ANSI PC code page.

- **437 US English**
- **850 Multilingual**
- **860 Portuguese**
- **863 Canadian French**
- **865 Nordic**

- **1252 Windows ANSI**

Remove End of File indicator on Receive

This option should be enabled to remove unwanted end of file indicators (Ctrl-Z) during a receive file transfer operation. If disabled, end of file indicators will be retained.

Verify Before Replacing or Overwriting a File (Receive Only)

If this option is enabled, a warning will display to notify the user that the attempted file transfer will overwrite a file with the same name. You will be given the following options:

- **Yes**
Overwrites only the specified file.
- **Yes to All**
Overwrites all duplicate files for the file transfer operation.
- **No**
Keeps the original file and aborts only this file transfer.
- **No to All**
Keeps all original files and aborts all file transfers where duplicate files exist.
- **Cancel**
Aborts the entire file transfer operation.

Display Status during File Transfer

If this option is enabled, a status box will appear during the file transfer, indicating the name of the PC and Host file being used during the transfer, along with the number of bytes currently transferred. If the option is disabled, a status box will not appear during a file transfer.

IND\$FILE File Transfer CICS

Note: These configuration options take effect only when **File Type** is set to **Custom** and **Host OS** is set to **CICS** in the General tab.

Send Options

The following options can be configured when defining a CICS file transfer scheme. These parameters will then be used when sending files from the PC to the host.

ASCII

If the PC file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from ASCII to EBCDIC during the transfer so that it is usable on the host computer.

BINARY

If the PC file consists of binary data, specify BINARY.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file. CRLF is a default option.

NOCRLF

Do not use <CR> <LF> pairs to terminate records in the CICS file.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **CICS Send Parameters** in the Client User Guide Technical Reference section.

Receive Options

The following options can be configured when defining a CICS file transfer scheme. These parameters will then be used when receiving files from the host to the PC.

ASCII

If the CICS file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from ASCII to EBCDIC during the transfer.

BINARY

If the PC file consists of binary data, specify BINARY.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file.

NOCRLF

Do not use <CR> <LF> pairs to terminate records in the PC file.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **CICS Receive Parameters** in the Client User Guide Technical Reference section.

IND\$FILE File Transfer CMS

Note: These configuration options take effect only when **File Type** is set to **Custom** and **Host OS** is set to **CMS** in the General tab.

Send Options

The following options can be configured when defining a CMS file transfer scheme. These parameters will then be used when sending files from the PC to the host.

ASCII

If the PC file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from ASCII to EBCDIC during the transfer so that it is usable on the host computer.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file. If the PC file consists of data other than text such as binary format data, do not specify either ASCII or CRLF.

APPEND

If the CMS file already exists and is not empty, APPEND specifies that the contents of the PC file are to be appended to the file.

Record Format

Specifies the record format of the CMS file on the host.

- **None**, the default value, specifies the record format of an existing CMS file.
- **Fixed** specifies that the data set contains fixed length records.
- **Variable** specifies that the data set contains variable length records.
- **Undefined** specifies that the data set contains undefined length records.

Record Length

Specifies the logical record length *n* for a CMS file consisting of fixed length records or the maximum logical record length for a CMS file consisting of variable length records. Values permitted are 1 to 32760. For new CMS files the default value is 80. This parameter is ignored if APPEND is specified. For CMS files consisting of variable length records, the actual logical record length (i.e., the value stored in the Data Set Control Block) following the file transfer is set to the minimum of the value of record length and the longest record in the CMS file.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **CMS Send Parameters** in the Client User Guide Technical Reference section.

Receive Options

The following options can be configured when defining a CMS file transfer scheme. These parameters will then be used when receiving files from the host to the PC.

APPEND

APPEND specifies that if the file exists, the CMS file contents are to be appended to it. Unless APPEND is specified, the PC file is replaced by the contents of the CMS file.

ASCII

If the CMS file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from ASCII to EBCDIC during the transfer.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **CMS Receive Parameters** in the Client User Guide Technical Reference section.

IND\$FILE File Transfer TSO

Note: These configuration options take effect only when **File Type** is set to **Custom** and **Host OS** is set to **TSO** on the **General** tab.

Send Options

The following options can be configured when defining a TSO file transfer scheme. These parameters will then be used when sending files from the PC to the host.

ASCII

If the PC file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from ASCII to EBCDIC during the transfer.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file. If the PC file consists of data other than text, such as binary format data, do not specify either ASCII or CRLF.

APPEND

If the data set already exists and is not empty, APPEND specifies that the contents of the PC file are to be appended to the data set. APPEND cannot be specified for members of a partitioned data set.

Record Format

Specifies the record format of the TSO data set.

- **None**, the default value, specifies the record format of an existing TSO file.
- **Fixed** specifies that the data set contains fixed length records.
- **Variable** specifies that the data set contains variable length records.
- **Undefined** specifies that the data set contains undefined length records.

Record Length

Specifies the logical record length for a data set consisting of fixed length records or the maximum logical record length for a data set consisting of variable length records. Values permitted are 1 to 32760. For new data sets the default value is 80. This parameter is ignored if APPEND is specified. For data sets consisting of variable length records, the actual logical record length (i.e. the value stored in the Data Set Control Block) following the file transfer is set to the minimum of the value of record length and the longest record in the data set.

Block Size

Specifies the block size for a new data set. For data sets containing fixed-length records, the block size must be a multiple of the record length. For data sets containing variable-length records, the block size must be greater than or equal to the record length plus four bytes. The block size must not exceed the track length of the device on which the data set resides. The block size must also not exceed 32,760 bytes. The default value is 3120. This parameter is ignored if the data set already exists.

Space Allocation

Specifies the amount of disk space to be allocated for a new data set. These parameters correspond to those parameter used when manually allocating space for a data set on the host.

- **Quantity** specifies number of space units as defined by the next parameter.
- **Space Units** can be either **Blocks**, **Tracks** or **Cylinders**.
- **Increment** specifies amount of space units to increase the file size as the file grows larger.
- **Ave Block** specifies the number of blocks used.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **TSO Send Parameters** in the Client User Guide Technical Reference section.

Receive Options

The following options can be configured when defining a TSO file transfer scheme. These parameters will then be used when receiving files from the host to the PC.

ASCII

If the PC file consists of character data only, specify ASCII. This will cause the translation of all graphic and control characters from EBCDIC to ASCII during the transfer.

CRLF

Following the convention for ASCII text files, <CR> <LF> pairs are used to terminate records in the PC file, and a CTRL-Z (x'1A') marks the end of file. If the PC file consists of data other than text, such as binary format data, do not specify either ASCII or CRLF.

Other Options

This text field provides the ability to add custom file transfer parameters. For information on how parameters can be added here refer to the **TSO Receive Parameters** in the Client User Guide Technical Reference section.

Macro

Editor to use for macro files

Type the name of the program to use for editing PASSPORT macros, or click the **Browse...** button to search for the executable file to use. By default, Notepad.exe is used for editing these text files.

Macro record WaitForHostUpdate timeout

Enable this option to automatically place wait conditions between commands during macro recording. Enter a number between 1 and 100 to specify the number of seconds to wait before indicating a time out condition. The default value is 10 seconds.

Disable keyboard while macro is executing

When enabled, any keyboard entries performed while a macro is executing are discarded.

Record mouse clicks

Enable this option to allow mouse clicks to be recorded in a macro. When disabled, all mouse clicks are ignored during macro recording. This option is only available for TN3270 and TN5250.

Miscellaneous Tab

Bell

The bell is an alarm that is signaled by the host application. If you do not wish to hear alarms sent by a host application, select the **Off** option.

Display Blinking Text As

This option allows host text with the blinking extended attribute to be displayed as one of the following:

- **Plain** - does not blink
- **Reverse Video** - display blinking text in reverse video
- **Blinking** - display blinking text

Blinking Interval (msec)

This value specifies the regular interval (in millisecond) at which the text will blink. The default value is 1000.

Disable Menu Accelerator Keys

If you check this option, all menu accelerator keys are disabled and may be mapped using PASSPORT's **Options>Keyboard** feature. For example, Ctrl-C is a menu accelerator key for the **Edit>Copy** pull-down menu option. If you want to map the Ctrl-C to a host key, such as the CLEAR key, you must first check **Disable Menu Accelerator Keys** to disable all menu accelerator keys.

Keyboard Type Ahead Delay (msec)

If enabled, PASSPORT buffers all keystrokes that are typed while the emulator is in the **X Clock** or **X System** wait condition. Once the wait condition goes away, PASSPORT then processes the keys that were buffered. The type ahead buffer is large enough to hold 256 keys. If this option is disabled, PASSPORT discards keystrokes that are typed while the emulator is in the wait condition.

Mouse Tab

Mouse Events

The following mouse events can be customized.

- Left Button Single Click
- Left Button Double Click
- Right Button Single Click
- Right Button Double Click
- Wheel Scroll Down
- Wheel Scroll Up

To assign an [action](#) to a mouse event:

1. Click on the mouse event you want to assign an action to. This highlights the mouse event and the action currently assigned.
2. Click on the **Edit...** button. The [Mouse Action Property](#) dialog box appears.
3. Select a category and item within the category.
4. Click the **OK** button to return to the previous screen.
5. Click the **OK** button again to save and exit if you are complete with customization or press the **Apply** button.

Edit... Button

This button displays the [Mouse Action Property](#) dialog box. When this dialog box appears an action can be assigned the currently selected mouse event.

Default Button

When pressed, all mouse event settings are reset to their default values.

Spell Checking

This feature is integrated with Microsoft Office and Microsoft Word is required for it to work. Enabling this feature without Microsoft Word installed will have no effect. Available in 3270 and 5250 sessions only.

Enable Spell Checking

Turns on the Spell Checking feature.

Check spelling as you type

Enable this setting to mark potential spelling errors with wavy underlines.

Automatically correct spelling as you type

Enable this setting to have commonly misspelled words automatically corrected as you type, without being prompted.

Note: This setting is available for English only.

Ignore words in UPPERCASE

Enable this setting to not spell check words which are typed in UPPERCASE.

Ignore words with numbers

Enable this setting to not spell check words which contain numbers.

Correct TWo INitial capitals

Enable this setting to automatically correct two consecutive uppercase letters at the beginning of a word where the second letter is changed to a lowercase letter. For example, ROcket changes to Rocket.

Correct accidental usage of cAPS LOCK key

Enable this setting to automatically correct words typed in Title Case with the CAPS LOCK key enabled. For example, rOCKET pASSPORT changes to Rocket Passport.

Minimum field size to check spelling

Specify the smallest field in which to check spelling. Integer between 0 and 999. Default value is 8.

Maximum spelling suggestions

Specify the number of suggestions to display when encountering a misspelled word. Integer between 1 and 10. Default value is 10.

Main dictionary language

Choose the language dictionary for Spell Checking to use.

Startup Tab

The **Startup** tab allows you to configure a session so that viewable options are either visible or hidden when a PASSPORT display session is launched. The following visibility settings are available for configuration:

Toolbar

Print, Cut, Copy, Paste, Connect, Disconnect, Key Layout, Send, Receive, Run, Stop, Help. This toolbar can be made smaller by right-clicking the toolbar item and selecting **Small Icon**.

Button Bar 1 (3270 and 5250 sessions)

PF1-PF12, Enter, Clear, Reset, SysReq, Attn, Home.

Button Bar 1 (VT and SCO-ANSI sessions)

NUL, SOH, STX, ETX, EOT, ENQ, ACK, BELL, BS, HT, LF, VT, FF, CR, SO, S1, DLE, DC1.

Button Bar 1 (Wyse-60 Sessions)

F1-F16, Setup, Break.

Button Bar 2 (3270 and 5250 sessions)

PF13-PF24, Ruler, Blink, AltCur, PA1, PA2, PA3.

Button Bar 2 (VT and SCO-ANSI sessions)

DC2, DC3, DC4, NAK, SYN, ETB, CAN, EM, SUB, ESC, FS, GS, RS, US, AnsBk, Return, LnFeed, AltCur.

Button Bar 2 (Wyse-60 sessions)

ESC, Bk Space, Del, Ins Line, Ins Char, Del Line, Del Char, Clr Scrn, Clr Line, Ins, Repl, Tab, Print, Send, Return, Prev Pg, Next Pg, Home.

Button Bar 3

This button bar will allow you to print, minimize, maximize, tile and cascade different WEB TO HOST sessions. Print, Print Setup, Next, 1/2, 1/3, 2/3, 2/4, 2/5, 5/6, 1-4, 1-6, 1, 2, 3, 4, 5, 6, Min, Cas.

IE Menu Bar

This is the standard Microsoft Internet Explorer Menu Bar.

IE Toolbar

This is the standard Microsoft Internet Explorer Toolbar. When the IE Toolbar is disabled, the IE Menu bar and Address bar are also disabled. This is a limitation imposed by Microsoft Internet Explorer.

IE Address Bar

This is the standard Microsoft Internet Explorer Address Bar.

IE Status Bar

This is the standard Microsoft Internet Explorer Status Bar.

TN3270 Tab

TN3270 Attention Key Sequence

This parameter determines the sequence of characters sent to the host whenever the TN3270 Attention key is pressed. Unfortunately, there is no industry standard method of sending the TN3270 Attention key using basic TN3270. As a result, PASSPORT supports the TN3270 Attention key differently depending upon the TN3270 Server. Select **Telnet** if you use a non-IBM TCP/IP host package. Select **IBM** if you use an IBM TN3270 Server or IBM mainframe TCP/IP host program. When TN3270E is configured, this configuration parameter is not available and ignored, as TN3270E offers a standard method to send the TN3270 Attention key to the host.

Backspace Key Method

This setting determines how the backspace key performs. The backspace key method can be set to any of the following:

- **Auto Skipping Backspace**
If the cursor is in an unprotected field, performs as Backspace. If the cursor is in a protected field, it moves to the last position of the previous unprotected field.
- **Backspace**
The cursor is moved one space to the left. If the cursor is located in an unprotected field the character at that position is deleted.
- **Backspace/Stop at Field Attribute**
If the position to the left of the cursor is in an unprotected field, the cursor is moved one space to the left and the character in that position is deleted. Otherwise, the X inhibited condition is displayed in the OIA area. The Reset key must then be pressed to reset this condition.
- **Cursor Left**
The cursor is moved one space to the left. The character is not deleted. This is a non-destructive backspace.
- **Cursor Left/Stop at Field Attribute**
If the position to the left of the cursor is in an unprotected field, the cursor is moved one space to the left. Otherwise, the X inhibited condition is displayed in the OIA area. The Reset key must then be pressed to reset this condition.

Show Unprotected Fields

Enable and select one of the following to determine how unprotected fields are displayed on the screen: Dot, Underline (default) or Reverse Video.

Automatically Unlock Keyboard and Reset X SYSTEM

If you press the ENTER key or some other host key and the X SYSTEM stays on the OIA line and does not go away, then select this check box. This can occur when the IBM Host application does not send the **Keyboard Unlock** command to PASSPORT. This rarely happens, but when it does, it is usually with very old mainframe programs, and with CICS.

Numeric Field Checking

When enabled, this function allows only the numbers "0" through "9", the "+", the "-", the "." and the "," characters to be entered into TN3270 fields that are marked as numeric entry fields. "NUM" is displayed in the Operator Information Area (OIA) whenever the cursor is positioned on a numeric field.

Send Reset key before Tab and Arrow Keys

If you check this option and you use any of the up, down, left or right arrow keys, or the Tab, Back Tab, Home or Newline keys, the Reset key is sent first to release any keyboard inhibit condition. A keyboard inhibit condition is indicated by the X in the OIA status line. Then the up, down, left or right arrow key is sent to move the cursor accordingly.

Display 3270 Program Check Error

If you check this option, any invalid 3270 data stream program check error messages are displayed in the Operator Information Area (OIA) in the form of **X PROG xxx**. The user must issue a RESET command to clear the error and continue. Un-check this option to ignore the invalid data stream and prevent the program check errors from displaying. For a list of possible messages, please refer to **Program Check Errors** in the Technical Reference section of the User Guide.

Reset Insert Mode when AID Sent to Host

When enabled, insert mode is turned off whenever and AID key (Enter, PF1, etc.) is sent to the host. When disabled, insert mode is not affected when AID keys are sent to the host.

Allow Cursor Movement to Unprotected Fields Only

When enabled, the cursor can only be moved to unprotected fields. If an attempt to move the cursor to a protected field is made the cursor is not moved. When disabled, the cursor can be positioned anywhere on the host screen including both protected and unprotected fields.

Auto-Repeat for AID keys

When enabled, this option allows the user to hold AID keys in order to repeat them. If this option is disabled, the user must press the AID key, release, then press again to repeat.

Show Fields Attributes

When enabled, PASSPORT will display any 3270 Field Attributes on the screen.

TN5250 Tab

Column Separator

This option determines whether the column separator is displayed as a dot, a line or nothing.

Backspace Key Method

This setting determines how the backspace key performs. The backspace key method can be set to any of the following:

- **Auto Skipping Backspace**
If the cursor is in an unprotected field, performs as Backspace. If the cursor is in a protected field, it moves to the last position of the previous unprotected field.
- **Backspace**
The cursor is moved one space to the left. If the cursor is located in an unprotected field the character at that position is deleted.
- **Backspace/Stop at Field Attribute**
If the position to the left of the cursor is in an unprotected field, the cursor is moved one space to the left and the character in that position is deleted. Otherwise, the X inhibited condition is displayed in the OIA area. The Reset key must then be pressed to reset this condition.
- **Cursor Left**
The cursor is moved one space to the left. The character is not deleted. This is a non-destructive backspace.
- **Cursor Left/Stop at Field Attribute**
If the position to the left of the cursor is in an unprotected field, the cursor is moved one space to the left. Otherwise, the X inhibited condition is displayed in the OIA area. The Reset key must then be pressed to reset this condition.

Automatically Unlock Keyboard and Reset X SYSTEM

If you press the ENTER key or some other host key and the X SYSTEM stays on the OIA line and does not go away, then select this check box. This can occur when the IBM Host application does not send the **Keyboard Unlock** command to PASSPORT.

Send Reset key before Tab and Arrow Keys

If you check this option and you use any of the up, down, left or right arrow keys, or the Tab, Back Tab, Home or Newline keys, the Reset key is sent first to release any keyboard inhibit condition. A keyboard inhibit condition is indicated by the X in the OIA status line. Then the up, down, left or right arrow key is sent to move the cursor accordingly.

Reset Insert Mode when AID Sent to Host

When enabled, insert mode is turned off whenever an AID key (Enter, PF1, etc.) is sent to the host. When disabled, insert mode is not affected when AID keys are sent to the host.

Allow Cursor Movement to Unprotected Fields Only

When enabled, the cursor can only be moved to unprotected fields. If an attempt to move the cursor to a protected field is made the cursor is not moved. When disabled, the cursor can be positioned anywhere on the host screen including both protected and unprotected fields.

Auto-Repeat for AID keys

When enabled, this option allows the user to hold AID keys in order to repeat them. If this option is disabled, the user must press the AID key, release, then press again to repeat.

Toolbar Tab

The **Toolbar** tab enables you to change various toolbar settings, or switch to a custom toolbar.

Select Toolbar Type

Select the **Customize** button to switch the **Toolbar Type** from **Default** to **Custom**. When **Custom** is selected, choose **Default** to revert to the default toolbar and discard any customization. A warning message will display to notify you that all customized toolbar buttons will be lost when the session is saved.

Customize...Button

The [Customize](#) button displays the **Customize Toolbar** dialog box, which provides the ability to add, remove, or reposition buttons on the toolbar.

Size

The **Size** group allows you to specify the size of the toolbar buttons. You may select the **Small** or **Large** button options. Small buttons are the default.

Show Button Text

With this option enabled, toolbar button descriptions will be displayed below the icon.

Show Tool Tips

When enabled, placing the mouse pointer over a toolbar button or a button bar button, displays the name of the button in a tool tip. If tool tip text is not entered for a button, the button text will be displayed.

Related Topics:

[Customize Toolbar](#)

Toolbar Button Properties

Clicking the **Add** or **Edit** buttons on the **Customize Toolbar** screen displays the **Button Properties** dialog box, which allows you to configure the toolbar button properties and set the [Action](#) to perform when the toolbar button is pressed.

Properties Tab:

Icon

Displays the currently selected icon for the toolbar button.

Available Icons

Displays the icons available for assigning to toolbar buttons. To change icons, choose one from the list.

Browse...

Click the **Browse...** button to select a custom bitmap file for use as the toolbar button icon.

Text

Text string to display when the [Show Button Text](#) option is enabled.

Tool Tip

Text string to display when the [Show Tool Tips](#) option is enabled.

Action Tab:**Category**

Displays a list of [action categories](#). Choose an item within the category to assign to the toolbar button.

Customize Toolbar

To customize the toolbar:

1. Perform any of the following, repeating as necessary:
 - To add or edit a button to the toolbar, click on the **Add...** or **Edit...** button to display the [Toolbar Button Properties](#) dialog box.

 Select the icon to be used for this button, or click the **Browse...** button to select your own custom icon.

 Type the text which, if enabled, is shown under the toolbar icon.

 Type the tooltip text which is shown when the mouse placed is on top of the button.

 In the [Action tab](#) choose a category and item within the category.
 - To remove a button from the toolbar, select the button you want to remove and click the **Remove** button.
 - To reposition a button on the toolbar, select the button you want to move then click **Up** or **Down** as many times as is appropriate.
 - Press the **Separator** button to add a separator between icons.
2. Click the **Save** button.
3. Enter a name for the toolbar file (it must have a .ztb extension), and then click **Save** again.

Add... Button

Provides the ability to add a button to the toolbar.

Edit... Button

Provides the ability to edit the icon image, text, tool tip text and action of a toolbar button.

Separator Button

Inserts a separator below the currently selected item.

Remove Button

This button removes the selected button from the toolbar.

Up Button

Moves the selected toolbar button up one position.

Down Button

Moves the selected toolbar button down one position.

Transfer Tab

File Transfer Method

There are two types of file transfer methods:

- **IND\$FILE**
Uses the native IBM host file transfer program to send and receive files to and from the mainframe host. This method is only available for TN3270 emulation.
- **FTP**
Uses the File Transfer Protocol to transfer files to and from any FTP Server.

FTP Server... Button

When the FTP file transfer method is selected, this button is used to configured the FTP server [Host Settings](#), [Firewall](#), and optional [SSH](#) or [SSL](#) security.

Select Transfer Scheme

For the IND\$FILE file transfer method, one of the following schemes can be selected: CMS Text, CMS Binary, TSO Text, TSO Binary, CICS Text, CICS Binary or Custom. For the FTP file transfer method, either FTP Default or Custom can be selected.

Customize... Button

When customizing an IND\$FILE file transfer scheme there are [General](#), [CMS](#), [TSO](#) and [CICS](#) settings to be configured. For FTP this button displays the [FTP File Transfer Scheme](#) dialog box.

Number of Recent File Transfer List

Enter a numeric value between 0 and 16, which will determine the number of recent file transfers to save for future use on the Transfer menu. If 0 is entered, items will not be saved to the list.

Delay between IND\$FILE transfers (msec)

When sending and receiving a list of files using IND\$FILE, timing issues may occur. This setting provides the ability to specify a certain amount of time to wait between the transfer of files. The default value is 1000 msec (1 second).

VT Tab

These VT specific options are described below. This tab is only for VT and SCO-ANSI sessions.

Return Key

The Return Key may be set to CR (Carriage Return) or CRLF (a combination of Carriage Return and Line Feed.)

Answer Back Message

This option is used to establish a question and answer sequence between the host and the client. This message is limited to 20 characters. The answerback message is typically used to identify the terminal to the host by sending a message to the host, automatically, without operator action. Hexadecimal is represented by the tilde and hex number. (A hexadecimal example is ~0D for hex 13, which represents the 13th ASCII character sequence.)

Local Echo

This option echoes back each character typed; for instance, when p3 is typed, pp33 is displayed back.

Wrap

The Wrap around option permits typing beyond the 80-character limitation (on an 80-character-wide screen) by wrapping the continued line on to the next line.

Line Transmit Mode

This option sends an entire line. Compare this to the normal character transmit mode, where each character is sent on a character-by-character basis.

Reverse Screen Image

This option reverses the background and foreground colors. For instance, the customary black background with green letters becomes a green background with black letters.

Scroll Speed (Lines Per Second)

Determines the speed at which lines will scroll on the emulation screen (from 1 to 100; default is 5). When this option is disabled, lines of data will scroll as fast as they are received from the host.

Pass-Through Printing**Bypass Windows Printer Driver**

Enable this option to send print jobs directly to the printer without interpretation by the Windows printer driver. This removes the form feed sent by the driver at the end of print jobs.

Disable Printer Translation

Enable the **Disable Printer Translation** option to prevent any character translation and to print characters exactly as they come from the host. No character set translation is made from the host code page to the PC code page. You should use this option if the host already generates characters in the correct character set for your printer.

Note: the **Bypass Windows Printer Driver** option must be enabled to use this feature.

Finish Printing Time-out Value

Uses a timer to close the print job instead of closing it whenever ESC[4i command is issued.

Window Title Tab

The following options determine the text that will display on the window title bar of the session:

Session Short Name (HLLAPI)

Displays the **HLLAPI Short Name** for the session. This is determined by the **HLLAPI Session Name** setting on the [HLLAPI](#) tab of the **Session Profile** property sheet.

Enclose Session Short Name in Parentheses

Enable this option to display the **Session Short Name** in parentheses, or disable to display the **Session Short Name** alone. This option is only available when the **Session Short Name (HLLAPI)** option is enabled.

Session Long Name (HLLAPI)

Displays the **HLLAPI Long Name** for the session. This is determined by the **HLLAPI Session Name** setting on the [HLLAPI](#) tab of the **Session Profile** property sheet.

Session Profile Name

Enable this option to display the name of the PASSPORT configuration file for the session. With this option enabled, you must also select one of the following formats:

- **Short**
Displays only the profile name, for example:
MySession
- **Long**
Displays the profile name along with the full path, for example:
`http://ServerName/pec/Ecomes.zwh?sessionprofile=3270dsp/Sessions/MySession`

Session Name

Enable this option to enter a customized window title, which may include any Windows system variable. For example, **%USERNAME%** displays the currently logged in user or **%COMPUTERNAME%** displays the workstation name.

Note: from a Windows command prompt, type SET to display a list of the current variables available on a workstation. Custom variables may be added from the Advanced tab of Windows System Properties.

Session Dimensions (display sessions only)

Enabling this option displays the screen dimensions for the session. These are determined by the **Screen Size** setting on the [Connection](#) tab of the **Session Profile** property sheet.

Separator

Enable this option to enter a single character to use for separating each of the above options.

Wyse Tab

These Wyse specific options are described below. This tab is only for Wyse sessions.

Status Line

This setting specifies the type of status line displayed at the top of the emulation workspace. Both the Standard and Extended status lines display messages about the state of the emulation or application.

The Extended status line displays additional editing status messages. The default for this option is Standard.

Attribute Extent

This option determines whether display attributes only apply to characters written to the screen (Char), are active to the end of the line (Line) or the end of the page (Page).

Reverse Screen Image

This option reverses the background and foreground colors. For instance, the customary black background with green letters becomes a green background with black letters.

Map CR to CR/LF

This setting determines how incoming carriage return (CR) characters are to be displayed on the screen. With this option disabled, a CR is displayed as itself and when enabled, a CR is displayed as a carriage return and a line feed (LF).

End-of-line Wrap

This setting determines what happens to the cursor and data sent to the display when the end of the current line is reached. When enabled, the cursor will automatically move to the beginning of the next line. When disabled, the cursor will remain at the end of the current line and each new character sent to the display will overwrite the character already occupying the cursor position.

Auto Scroll

This setting determines what happens when the cursor is moved beyond the last line of the current page. When enabled, the displayed data scrolls up and the cursor remains on the last line. When disabled, the cursor moves to the top of the same page. This option is enabled by default.

Scroll Speed (Lines Per Second)

This determines the speed at which lines will scroll on the emulation screen (from 1 to 100; default is 5). When this option is disabled, lines of data will scroll as fast as they are received from the host.

Send Answerback

This option is used to establish a question and answer sequence between the host and the client. This message is limited to 20 characters. The answerback message is typically used to identify the terminal to the host by sending a message to the host, automatically, without operator action. Hexadecimal is represented by the tilde and hex number. (A hexadecimal example is ~0D for hex 13, which represents the 13th ASCII character sequence.)

Send Ack

Specifies whether an ASCII ACK character is sent to the host after certain commands have been executed.

Macros

System Macros Overview

System macros are added here and made available to all WEB TO HOST users. There are two methods available for adding macros to the list:

Action>New Menu Command

Choose this command to open a text editor, which allows you to either write a PASSPORT macro from scratch or paste the text from a previously recorded macro. For more information on writing macros, please refer to the PASSPORT Technical Reference help file. This command is also available from the popup menu by right-clicking on Macros in the left window pane or anywhere in the right window pane and choosing New.

Action>Add Macro Menu Command

Choose this menu command to browse for an existing macro, either locally or anywhere on the network. A copy of the macro will be imported in the WEB TO HOST Administrator. This command is also available from the popup menu by right-clicking on Macros in the left window pane or anywhere in the right window pane and choosing Add Macro.

Any macro in the list may be modified by double-clicking to open in a text editor. Refer to the PASSPORT Technical Reference for a list of available macro commands.

Remove macros from the list by choosing the **Action>Delete** menu command or by right-clicking the macro and choosing **Delete** from the popup menu.

Troubleshooting

Error Messages

16010 "Are you sure you want to clear the action log?"

Explanation: Prompt before clearing action log.

User response: Selecting "Yes" will clear the action log.

16011 "HTTP Error with ecode = <number>"

Explanation: Ecode errors caused because of misconfiguration in the program

User response: Please refer to our [Knowledge Base](#) for solutions to common ecode errors.

16012 "Please enter the IP Host Name."

Explanation: This error will occur while configuring the connection parameters of a session if the IP host name is not entered.

User response: You must enter the IP host name before continuing session configuration. The administrator of the host you are trying to connect to will have to provide you with the IP host name that needs to be used to connect to the host.

16013 "Please enter the TCP port."

Explanation: This error will occur while configuring the connection parameters of a session if the TCP port is not entered.

User response: The administrator of your host system will have to provide you with the appropriate port number. You must enter the TCP port before continuing session configuration.

16014 "Please enter the HLLAPI long name."

Explanation: The input field HLLAPI long name is required when you select the Manually Specify option.

User response: 1. Select "Automatically Specify"
or

2. You may enter a string of up to eight characters to identify the session long name. This name may be used by HLLAPI applications for session identification.

16015 "Please select the start up macro file."

Explanation: You have enabled the start up macro option but neglected to select the macro file.

User response:

1. Disable the start up macro option
- or
2. Browse for the macro file to be used for the start up macro.

16016 "Please select the exit macro file."

Explanation: You have enabled the exit macro option but neglected to select the macro file.

User response:

1. Disable the exit macro option
- or
2. Browse for the macro file to be used for the exit macro.

16018 "SSH normally uses port 22. Do you want to change the port number to 22?"

Explanation: The normal port to be used for SSH is 22.

User response:

1. The administrator of the host system you are connecting to is responsible for determining the port number to be used.
2. Choose yes if you like to change to port 22.
3. Choose no to keep your current setting.

16019 "Telnet normally uses port 23. Do you want to change the port number to 23?"

Explanation: The normal port to be used for telnet is 23.

User response:

1. Choose yes if you like to change to port 23.
2. Choose no to keep your current setting.

16020 "At least one of the end print job options must be selected."

Explanation: You must have at least one "end print job on" option checked before starting a session.

User response: Select at least "one end print job on" option: Unbind, TN3270E EOJ, Telnet Abort Output, Detect End of Print Job Using Time-out Value (sec.) before connecting.

16021 "Invalid printer initialization string."

Explanation: The printer initialization string you have entered is not valid.

User response:

1. The string must be a sequence of 2-digit hex numbers each separated by a single space.
2. If you are unsure of the correct init string for your brand of printer, this can be found in the programmer's manual for your printer.

16022 "Invalid printer closing string."

Explanation: The printer closing string you have entered is not valid.

User response:

1. The string must be a sequence of 2-digit hex numbers each separated by a single space.
2. If you are unsure of the correct closing string for your brand of printer, this can be found in the programmer's manual for your printer

16023 "Invalid certificate file <FileName>."

Explanation: The file that you have selected is an invalid certificate file.

User response: You must point to a valid certificate file (*.cer) when adding a new certificate.

16024 "You must enter a name."

Explanation: You must enter a name for any new profiles that you are creating.

User response: You must type in a name for the new profile that you are creating.

16025 "The file already exists. Do you want to overwrite it?"

Explanation: A file with this name already exists in the location selected.

User response:

1. Select "Yes" to overwrite the existing file.
2. Select "No" to cancel the save operation.

16026 "Invalid printer initialization string."

Explanation: The printer initialization string you have entered is not valid.

User response:

1. The string must be a sequence of 2-digit hex numbers each separated by a single space.
2. If you are unsure of the correct init string for your brand of printer, this can be found in the programmer's manual for your printer.

16027 "Are you sure you want to delete these <Items> items?"

Explanation: Delete confirmation.

User response:

1. Select "Yes" to delete the selected items.
2. Select "No" to cancel the delete operation.

16028 "Are you sure you want to delete <Item>?"

Explanation: Delete confirmation.

User response:

1. Select "Yes" to delete the selected item.
2. Select "No" to cancel the delete operation.

16029 "Are you sure you want to remove these <Sessions> sessions from user <User>?"

Explanation: Confirmation for removing sessions from users.

User response:

1. Select "Yes" to remove access to these sessions from the selected user.
2. Select "No" to cancel the remove operation.

16030 "Are you sure you want to remove session <Session> from user <User>?"

Explanation: Confirmation for removing a session from a user.

User response:

1. Select "Yes" to remove access to the sessions from the selected user.
2. Select "No" to cancel the remove operation.

16031 "You cannot remove session <SessionName> from user <User> because it is assigned to group(s) <GroupName> instead of being directly assigned to this user."

Explanation: You have assigned session <SessionName> to group(s) <GroupName> instead of assigning it to a user.

User response: Assign the session(s) to either a user or a group but not both.

16032 "Do you want to save the changes?"

Explanation: Save confirmation.

User response:

1. Select "Yes" to save the changes.
2. Select "No" to cancel the save operation.

16033 "The name cannot contain any of following characters:\r\n\t\\ / : * ? "" < > |"

Explanation: The name contains the following invalid characters: \r\n\t\\ / : * ? "" < > |

User response: The name can only contain the letters: a-z, A-Z and the numeric digits: 0-9.

16034 "The name already exists. Please enter a different name."

Explanation: A file of the same type with the same name you entered already exists in the selected location.

User response:

1. Enter a different name for your file

OR

2. Select a different location to save the file

16035 "The password entered is not correct."

Explanation: The password you entered is not the correct password.

User response: Contact your system administrator or the person who installed PASSPORT WEB TO HOST to obtain the correct password. If this information is no longer accessible, instructions for resetting the administrator password can be found in our knowledge base.

16036 "The server object is not properly configured! Would you like to use Java Servlet server object?"

Explanation: This error will occur when the Ecomes.asp file is missing or does not get installed correctly during the PASSPORT WEB TO HOST installation.

User response: Uninstall and reinstall PASSPORT WEB TO HOST.

16037 "All of your customized hotspots will be lost. Do you want to proceed?"

Explanation: You have selected "Default" for hotspots which will reset the hotspot configuration to the default settings and remove any customizations that have been made.

User response:

1. Select "Yes" to reset hotspots to the default settings and lose customizations.
2. Select "No" to cancel the reset operation.

16038 "All of your customized toolbar buttons will be lost when you save your session. Do you want to proceed?"

Explanation: You have selected "Default" for toolbar buttons which will reset the toolbar configuration to the default settings and remove any customizations that have been made.

User response:

1. Select "Yes" to reset toolbar buttons to the default settings and lose customizations.
2. Select "No" to cancel the reset operation.

16039 "Invalid answer back message!"

Explanation: The answerback message is typically used to identify the terminal to the host by sending a message to the host automatically, without operator action.

User response: Make sure that you do not exceed the 20 character limit.

16040 "All profile lists have been regenerated."

Explanation: This message is displayed after using the "Regenerate All" command. This menu command is located under the Tools menu.

User response: An Eclientsessionlist.htm file is generated and stored in the following ..\Eclient directories each time this command is activated:

- 3270dsp
- 3270prt

- 5250dsp
- 5250prt
- Vtdsp
- Wysedsp

This HTML file contains a list of all defined session profiles, along with session descriptions and names of keyboard or attribute profiles associated with the session profile. When this file is displayed in a browser window, you can click any listed session to start that PASSPORT session. This provides the System Administrator with a quick and easy way to view all defined session profiles.

16042 "Failed to regenerate all profile lists."

Explanation: PASSPORT was unable to regenerate all of the profile lists.

User response: An Eclientsessionlist.htm file is generated and stored in the following ..\Eclient directories each time this command is activated:

- 3270dsp
- 3270prt
- 5250dsp
- 5250prt
- Vtdsp
- Wysedsp

This HTML file contains a list of all defined session profiles, along with session descriptions and names of keyboard or attribute profiles associated with the session profile. When this file is displayed in a browser window, you can click any listed session to start that PASSPORT session. This provides the System Administrator with a quick and easy way to view all defined session profiles.

1. Make sure this file exists.
2. Make sure you have sufficient access rights to the file and folders listed above.
3. Make sure the file and folders listed above are not designated as read only.

16046 "Failed to write to file <FileName>."

Explanation: Failed to write to the specified transfer list file.

User response: Make sure the file is not read-only and you have write permissions to it.

16047 "Are you sure you want to remove user <User> from group <Group>?"

Explanation: Confirmation for removing a user from a group.

User response:

1. Select "Yes" to remove the selected user from the selected group.
2. Select "No" to cancel the remove operation.

16048 **"Invalid password (at least 6 characters long), please re-enter."**

Explanation: You have entered an invalid password.

User response:

1. You may have entered two different values for the field New password and New password confirmed. Re-enter the password values for both fields.
2. The length of the password you have entered is less than 6 characters long. Enter a password value that is 6 characters long or longer.

16095 **"Invalid session short name."**

Explanation: You have entered an invalid character for the HLLAPI session short name.

User response:

1. Select **Automatically Specify**.

or

2. Enter a valid character for the HLLAPI session short name. You may enter a single alphabetic character (A to Z) to identify the session short name. HLLAPI short names are not case sensitive. HLLAPI applications use the HLLAPI short name to identify which session it is communicating with.

16096 **"Thank you for purchasing PASSPORT WEB TO HOST."**

Explanation: Confirmation of applying purchased license code.

User response: Your license code has been applied successfully.

16098 **"Invalid license code."**

Explanation: The license code you have entered is not valid.

User response:

1. Make sure that everything is entered correctly. The best thing to do would be to copy and paste the license code from your email to the License Code field.
2. If you have an existing evaluation copy installed on your PC, or an evaluation copy that has expired on your PC, you must request a new license code. The license code that was emailed to you at the time of download will not work in this situation.

3. License codes are version specific. Make sure the software being installed is the same version as the license code received from Rocket Software.

16100 "Failed to load the image file."

Explanation: Failed to load the image file to be used for a toolbar icon.

User response:

1. Make sure the image exists in the selected location.
2. Make sure the file is a valid Windows bitmap file.
3. This error may occur if your system is running low on virtual memory. Check your memory requirements.

16101 "Commas(,) are not allowed in the field."

Explanation: The input field does not accept commas as part of the text.

User response: Remove the commas from the input field.

16121 "LoadLibrary failed to load <DLL>."

Explanation: Failed to load the specified PASSPORT DLL.

User response:

1. Make sure the DLL file exists in the directory that you chose as the directory for program files during install. The default location is C:/Program Files/PASSPORT.
2. If the DLL does not exist in this directory, reinstall PASSPORT.
3. Beginning with PASSPORT 2007, network installations are no longer supported. If PASSPORT is currently installed on a network drive, you will need to reinstall it locally. (This does not apply to Citrix deployment).
4. If you are using Citrix, you will need to contact your Citrix server administrator to check for the existence of the DLL in the PASSPORT program directory.

16141 "You must configure the FTP server settings."

Explanation: You must enter the FTP server settings before you can connect to it.

User response: To enter the necessary settings for the FTP server:

1. Select Transfer from the Options menu
2. Click the FTP Server... button
3. Enter the appropriate settings for you FTP server. These settings must be

obtained from the administrator of your FTP server

16143 "SFTP normally uses port 22. Do you want to change the port number to 22?"

Explanation: The normal port to be used for SFTP is 22.

User response: The administrator of your FTP server is responsible for determining the port number to be used.

1. Choose yes if you like to change to port 22.
2. Choose no to keep your current setting.

16144 "FTP or FTPS normally uses port 21. Do you want to change the port number to 21?"

Explanation: The normal port to be used for FTP and FTPS is 21.

User response: The administrator of your FTP server is responsible for determining the port number to be used.

1. Choose yes if you like to change to port 21.
2. Choose no to keep your current setting.

16145 "Please enter the name of the client certificate."

Explanation: The input field for the name of the client certificate is required.

User response:

1. You must enter a name for the client certificate to be used
2. You must make sure that the name you entered matches exactly to the client certificate's Common Name on the client machine
3. To view the common name for the certificate on the client machine:
 1. In Internet Explorer, go to Tools - Internet Options.
 2. Select the Content tab.
 3. Click the Certificates button.
 4. Locate the certificate and double-click it
 5. Go to the Details tab
 6. In the field column, select Subject
 7. The properties will be displayed in the bottom half of the dialog box
 8. You will see CN = xxxxx, where xxxxx is the common name of the certificate

16151 "Please enter a value for the field."

Explanation: You have not entered anything for the field.

User response: This field is required. You must enter a value for the field.

16152 "You have exceeded the maximum number of hotspots supported."

Explanation: You have reached the maximum number of hotspots supported by PASSPORT.

User response: To remove some hotspots:

1. Select Hotspots from the Options menu
2. Click on Customize...
3. Select a hotspot that you no longer need
4. Select Remove
5. Repeat as many times as necessary to remove all unused hotspots
6. Press the Save button
7. Click Save
8. Enter a name for your custom hotspot file
9. Click OK to return to your session

16153 "Please select an item first."

Explanation: You must select an item first before you can proceed.

User response: Select at least one item from the list.

16154 "Are you sure you want to abort the changes?"

Explanation: Confirmation of aborting changes.

User response:

1. If you select yes, all the changes you have made will be lost.
2. If you select no, you will need to return to the dialog to save your changes.

16155 "Failed to open hotspots file <FileName>. Hotspots will be disabled."

Explanation: Failed to load the custom hotspots file, so hotspots support will be disabled.

**User
response:**

1. Make sure the custom hotspots file is available at the location. The default location is My Documents/Zephyr/Product Name.
2. Make sure that you have at least read permissions to the custom hotspots file.
3. To select a different hotspot file that already exists:
 1. Select Hotspots from the Options menu
 2. Click on Browse...
 3. Browse to the location of the custom hotspot file
 4. Select the hotspot scheme file
 5. Click Open
 6. Click OK to save and return to your session
4. To create a new custom hotspot file:
 1. Select Hotspots from the Options menu
 2. Click on Customize
 3. Perform any of the following (repeating as necessary):
 1. To add a custom hotspot, click Add.
 2. To remove a hotspot, select the hotspot you want to remove from the Custom Hotspots box, and then click Delete.
 3. To edit a custom hotspot, select the hotspot you want to edit from the Custom Hotspots box, and then click Edit.
 4. Select or clear any of the PF Key Hotspots options to enable or disable them.
 4. Click OK
 5. Click Save
 6. Enter a name for your custom hotspot file
 7. Click OK to return to your session
- 1.
- 1.

16156 **"Invalid hotspots file <FileName>. Hotspots will be disabled."**

Explanation: The file you specified is not a valid PASSPORT hotspots file, so hotspots support will be disabled.

**User
response:**

1. If the session is using the default hotspots scheme file, you will need to make sure that you have read and write permissions to the user directory. The user directory is selected at the time of install. The default user directory is My Documents/Zephyr/ProductName.

2. If you are unsure which directory was selected as the user directory during install:
 1. Click Customize
 2. Click Save
 3. Expand the "Save In" drop down menu
 4. Make note of the current folder location
 5. The name and path of the custom hotspots scheme file will be displayed in the "Custom Hotspots Scheme File" section.

To select a different hotspot file that already exists:

1. Select Hotspots from the Options menu
2. Click on Browse...
3. Browse to the location of the custom hotspot file
4. Select the hotspot scheme file
5. Click Open
6. Click OK to save and return to your session

To create a new custom hotspot file:

1. Select Hotspots from the Options menu
2. Click on Customize
3. Perform any of the following (repeating as necessary):
4. To add a custom hotspot, click Add.
5. To remove a hotspot, select the hotspot you want to remove from the Custom Hotspots box, and then click Delete.
6. To edit a custom hotspot, select the hotspot you want to edit from the Custom Hotspots box, and then click Edit.
7. Select or clear any of the PF Key Hotspots options to enable or disable them.
8. Click OK
9. Click Save
10. Enter a name for your custom hotspot file
11. Click OK to return to your session

16157 **"Failed to write to hotspots file <FileName>."**

Explanation: PASSPORT is attempting to save changes to your hotspots file, but failed to write to the custom hotspots file specified.

User response:

1. If the session is using the default hotspots scheme file, you will need to make sure that you have read and write permissions to the user directory. The user directory is selected at the time of install. The default user directory is My

Documents/Zephyr/ProductName.

2. If you are unsure which directory was selected as the user directory during install:
 1. Click Customize
 2. Click Save
 3. Expand the "Save In" drop down menu
 4. Make note of the current folder location
 5. The name and path of the custom hotspots scheme file will be displayed in the "Custom Hotspots Scheme File" section.

To select a different hotspot file that already exists:

1. Select Hotspots from the Options menu
2. Click on Browse...
3. Browse to the location of the custom hotspot file
4. Select the hotspot scheme file
5. Click Open
6. Click OK to save and return to your session

To create a new custom hotspot file:

1. Select Hotspots from the Options menu
2. Click on Customize
3. Perform any of the following (repeating as necessary):
4. To add a custom hotspot, click Add.
5. To remove a hotspot, select the hotspot you want to remove from the Custom Hotspots box, and then click Delete.
6. To edit a custom hotspot, select the hotspot you want to edit from the Custom Hotspots box, and then click Edit.
7. Select or clear any of the PF Key Hotspots options to enable or disable them.
8. Click OK
9. Click Save
10. Enter a name for your custom hotspot file
11. Click OK to return to your session

16158 **"A hotspot with the same text already exists."**

Explanation: Another hotspot with the same text already exists.

User response: You cannot have two hotspots with the same text. Hotspots are not case sensitive.
To edit an existing hotspot:

1. Select Hotspots from the Options menu
2. Click on Customize
3. Select the hotspot you want to edit from the Custom Hotspots box, and then click Edit.
4. Click OK
5. Click Save
6. Enter a name for your custom hotspot file
7. Click OK to return to your session

16159 **"The keyboard map file <FileName> is not compatible with the current emulation type. Default PASSPORT keyboard map will be used instead."**

Explanation: The keyboard map specified is not compatible with the current emulation type so the default PASSPORT keyboard map will be applied. For example, when you are connected to a VT host, you cannot load a 3270 keyboard map.

User response:

To select a new keyboard map:

1. Select Keyboard from the Options menu
2. Select the appropriate keyboard language
3. Select the appropriate keyboard map
4. Click OK to save and return to your session

To customize the existing keyboard map:

1. Select Keyboard from the Options menu
2. Select the Language you would like to use.
3. Select one of the following standard keyboard maps: PASSPORT, EXTRA!®, Rumba or IBM.
4. Click the Customize... button. The Customize Keyboard Editor dialog box will be displayed. The keyboard map that is used for the starting point is defined by the selections you made in steps 2 and 3 above.
5. Highlight the keyboard button you want to customize.
6. Select either the Normal, Shift, Ctrl, Alt, Alt-Gr, Alt-Shift, Alt-Ctrl, or Shift-Ctrl radio button located in the Define Function or Assignment area.
7. Click on the large Edit button on the right side of the dialog box. The Key Properties dialog box will display.
8. Select the Action Category and then select an Item within the category to be mapped to this keyboard key. Click the OK button.
9. Repeat steps 5 through 8 as many times as necessary.
10. When you are finished click the OK button to save and exit.

11. Enter a name for your custom keyboard map file and press the Save button.
12. The name of your custom keyboard map will appear in the Custom Keyboard Map area to let you know which custom keyboard is currently being used.
13. Click the OK button to exit.

16160 **"Failed to open keyboard map file <FileName>. Default PASSPORT keyboard map will be used instead."**

Explanation: Failed to load the custom keyboard map file so the default PASSPORT keyboard map settings will be applied.

User response:

1. Make sure the keyboard map is available at the location. To determine which keyboard map PASSPORT is trying to open:
 1. Select Keyboard from the Options menu
 2. If the session is using the default keyboard map, you will need to make sure that you have read and write permissions to the user directory. The user directory is selected at the time of install. The default user directory is My Documents/Zephyr/ProductName.
 3. If you are unsure which directory was selected as the user directory during install:
 1. Click Customize
 2. Click Save
 3. Expand the "Save In" drop down menu
 4. Make note of the current folder location
 4. The name and path of the custom keyboard file will be displayed in the "Custom Keyboard Map" section.
2. Make sure the keyboard map is not marked as read only.
3. Make sure that you have at least write permissions to the keyboard map.

To select a different keyboard map that already exists:

1. Select Keyboard from the Options menu
2. Click on Browse...
3. Browse to the location of the keyboard map
4. Select the keyboard map
5. Click Open
6. Click OK to save and return to your session

To create a new custom keyboard map:

1. Select Keyboard from the Options menu
2. Select the Language you would like to use.

3. Select one of the following standard keyboard maps: PASSPORT, EXTRA!®, Rumba or IBM.
4. Click the Customize... button. The Customize Keyboard Editor dialog box will be displayed. The keyboard map that is used for the starting point is defined by the selections you made in steps 2 and 3 above.
5. Highlight the keyboard button you want to customize.
6. Select either the Normal, Shift, Ctrl, Alt, Alt-Gr, Alt-Shift, Alt-Ctrl, or Shift-Ctrl radio button located in the Define Function or Assignment area.
7. Click on the large Edit button on the right side of the dialog box. The Key Properties dialog box will display.
8. Select the Action Category and then select an Item within the category to be mapped to this keyboard key. Click the OK button.
9. Repeat steps 5 through 8 as many times as necessary.
10. When you are finished click the OK button to save and exit.
11. Enter a name for your custom keyboard map file and press the Save button.
12. The name of your custom keyboard map will appear in the Custom Keyboard Map area to let you know which custom keyboard is currently being used.
13. Click the OK button to exit.

16161 "Invalid keyboard map file."

Explanation: The keyboard map file you tried to load is not a valid PASSPORT keyboard map file

User response:

To determine which keyboard map PASSPORT is trying to open:

1. Select Keyboard from the Options menu
2. If the session is using the default keyboard map, you will need to make sure that you have read and write permissions to the user directory. The user directory is selected at the time of install. The default user directory is My Documents/Zephyr/ProductName.
3. If you are unsure which directory was selected as the user directory during install:
 1. Click Customize
 2. Click Save
 3. Expand the "Save In" drop down menu
 4. Make note of the current folder location
4. The name and path of the custom keyboard file will be displayed in the "Custom Keyboard Map" section.

To select a different keyboard map that already exists:

1. Select Keyboard from the Options menu
2. Click on Browse...

3. Browse to the location of the keyboard map
4. Select the keyboard map
5. Click Open
6. Click OK to save and return to your session

To create a new custom keyboard map:

1. Select Keyboard from the Options menu
2. Select the Language you would like to use.
3. Select one of the following standard keyboard maps: PASSPORT, EXTRA!®, Rumba or IBM.
4. Click the Customize... button. The Customize Keyboard Editor dialog box will be displayed. The keyboard map that is used for the starting point is defined by the selections you made in steps 2 and 3 above.
5. Highlight the keyboard button you want to customize.
6. Select either the Normal, Shift, Ctrl, Alt, Alt-Gr, Alt-Shift, Alt-Ctrl, or Shift-Ctrl radio button located in the Define Function or Assignment area.
7. Click on the large Edit button on the right side of the dialog box. The Key Properties dialog box will display.
8. Select the Action Category and then select an Item within the category to be mapped to this keyboard key. Click the OK button.
9. Repeat steps 5 through 8 as many times as necessary.
10. When you are finished click the OK button to save and exit.
11. Enter a name for your custom keyboard map file and press the Save button.
12. The name of your custom keyboard map will appear in the Custom Keyboard Map area to let you know which custom keyboard is currently being used.
13. Click the OK button to exit.

16165 **"Please restart PASSPORT for changes to take effect."**

Explanation: This error will occur after you have made changes to the language settings.

User response: You must close PASSPORT and restart it for the changes to the language settings to take effect.

16201 **"The toolbar must have at least one button."**

Explanation: You cannot have an empty toolbar.

User response: 1. Select the Default Toolbar

OR

2. To add buttons to your toolbar:
 1. Select Toolbar from the Options menu
 2. Click on Customize...
 3. Select the Toolbar button you are using
 4. Select Add...
 5. Select the Action tab
 6. Select the desired action for the toolbar button
 7. Click OK
 8. Repeat as necessary to add the desired toolbar buttons to your toolbar
 9. Click Save
 10. Enter a name for your custom toolbar file
 11. Click OK to return to your session

16219 **"Invalid or missing transfer scheme file <TransferScheme>. Default scheme will be loaded."**

Explanation: Failed to load the custom transfer scheme file so the default transfer scheme will be applied.

User response:

1. Make sure the transfer scheme file (.zti) is available at the location specified. The default location for these files is My Documents/Zephyr/Product Name.
2. Make sure you have at least read permissions to this file

To select a different existing transfer scheme:

1. Select Send or Receive from the Transfer menu
2. Click Browse next to Select Transfer Scheme
3. Browse to the transfer scheme you wish to use
4. Select the file
5. Click Open

To create a new transfer scheme:

1. Select Send or Receive from the Transfer menu
2. Select the appropriate transfer scheme
3. To make changes to the default transfer scheme, click Customize
4. Once you have entered the desired changes, click Save
5. Enter a name for your transfer scheme and click Save

16220 "Invalid or missing transfer scheme file <TransferScheme>."

Explanation: Failed to load the custom transfer scheme file.

User response: 1. Make sure the transfer scheme file (.zti) is available at the location specified. The default location for these files is My Documents/Zephyr/Product Name.

2. Make sure you have at least read permissions to this file

To select a different existing transfer scheme:

1. Select Send or Receive from the Transfer menu
2. Click Browse next to Select Transfer Scheme
3. Browse to the transfer scheme you wish to use
4. Select the file
5. Click Open

To create a new transfer scheme:

1. Select Send or Receive from the Transfer menu
2. Select the appropriate transfer scheme
3. To make changes to the default transfer scheme, click Customize
4. Once you have entered the desired changes, click Save
5. Enter a name for your transfer scheme and click Save

16224 "Please enter a text string."

Explanation: You must enter a text string.

User response: Enter a text string.

16225 "Please select a function type."

Explanation: You must select a function type from the list.

User response: Choose one of the function type from the list.

16226 "Please enter the <Item>"

Explanation: You must enter the specified item.

User response: Enter the specified item.

16227 "Please select a <Item>"

Explanation: You must select an item from the list.

User response: Select an item from the list.

WEB TO HOST Server Error Messages

16301 Reject request: <WB2H_command>

Explanation: General rejection due to PASSPORT WEB TO HOST server exception

User response: Submit a technical support request through the Rocket Customer Portal:
<http://www.rocketsoftware.com/support>
 Include the error number and the full error text in your request.

16302 Exception:

Explanation: General exception or data back from HTTP server not in PASSPORT WEB TO HOST format

User response: Submit a technical support request through the Rocket Customer Portal:
<http://www.rocketsoftware.com/support>
 Include the error number and the full error text in your request.

16303 Error copying the file: <filename>

Explanation: The PASSPORT WEB TO HOST Admin was unable to copy the referenced file

User response: Make sure you have appropriate permissions to the file

16304 Error deleting the file: <filename>

Explanation: The PASSPORT WEB TO HOST Admin was unable to delete the referenced file

- User response:**
1. Check to make sure the file exists
 2. Make sure you have appropriate permissions to the file

16305 Error renaming the file: <filename>

Explanation: The PASSPORT WEB TO HOST Admin was unable to rename the referenced file

User response: Make sure you have appropriate permissions to the file

16306 Error writing into the file: <filename>

Explanation: The PASSPORT WEB TO HOST Admin was unable to write to the referenced file

- User response:**
1. Check to make sure the file exists
 2. Make sure you have appropriate permissions to the file

16307 Error reading the file: <filename>

Explanation: The PASSPORT WEB TO HOST Admin was unable to read the referenced file

- User response:**
1. Check to make sure the file exists
 2. Make sure you have appropriate permissions to the file

16308 Error listing files: <dirname>

Explanation: The PASSPORT WEB TO HOST Admin was unable to list the files contained in the referenced directory

User response: Make sure you have at least read permissions for the referenced directory

16310 No (file) name exists in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that requires a file name, and the file name was not passed to the server

User response: Submit a technical support request through the Rocket Customer Portal:

<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16311 No old name exists in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that requires an old name, and the old name was not passed to the server

User response: Submit a technical support request through the Rocket Customer Portal:

<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16312 One empty line is needed in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that requires an empty line, and the empty line was not passed to the server

User response: Submit a technical support request through the Rocket Customer Portal:

<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16313 No new name exists in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that requires a new name, and the new name was not passed to the server

User response: Submit a technical support request through the Rocket Customer Portal:

<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16314 Error adding a new name: <name>

Explanation: The PASSPORT WEB TO HOST Admin was unable to add the referenced name

User response: Make sure you have write permissions for the referenced directory

16315 Error creating the group index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the group index file

User response: Make sure you have write permissions for the Groups directory

16316 Error creating the user index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the user index file

User response: Make sure you have write permissions for the Users directory

16317 Error creating the session index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the session index file

User response: Make sure you have write permissions for the Eclient directory

16318 Error creating the keyboard index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the keyboard index file

User response: Make sure you have write permissions for the Eclient/<SessionEmulationType>/Keyboards directory

16319 Error creating the attribute index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the attribute index file

User response: Make sure you have write permissions for the Eclient/<SessionEmulationType>/Attributes directory

16320 Error creating the macro index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to create the macro index file

User response: Make sure you have write permissions for the Eclient/<SessionEmulationType>/Macros

response: directory

16321 Error reading the user index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to read the user index file

User response: Make sure you have at least read permissions to the Eclient/Users directory

16322 Error updating the user index file!

Explanation: The PASSPORT WEB TO HOST Admin was unable to update the user index file

User response: Make sure you have write permissions for the Users directory

16323 Error generating the user file: <username>

Explanation: The PASSPORT WEB TO HOST Admin was unable to generate the referenced user file

User response: Make sure you have write permissions for the Users directory

16324 Cannot rename the attribute or keyboard profile into the different directory.

Explanation: The PASSPORT WEB TO HOST Admin was unable to rename the attribute or keyboard profile in the selected directory

User response: Attribute and keyboard profiles are unique for each emulation type and can only be used with the emulation type they were originally created for. For example, you cannot copy a 3270 keyboard to VT.

16325 No file extension in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message referencing a file that does not include a file extension.

User response: Submit a technical support request through the Rocket Customer Portal:
<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16326 No section name in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that does not include the required section name

User response: Submit a technical support request through the Rocket Customer Portal:
<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16327 No client IP in the message!

Explanation: The PASSPORT WEB TO HOST Admin has sent a message that does not include the required client IP

User response: Submit a technical support request through the Rocket Customer Portal:
<http://www.rocketsoftware.com/support>

Include the error number and the full error text in your request.

16328 The Administrator client component you are using is a different version from the Administrator server component. Please correct this version mismatch to continue.

Explanation: This message indicates that the currently downloaded ActiveX Client application on your workstation is older than the version of PASSPORT WEB TO HOST that is installed on the server you are trying to access.

User response: You will need to download the newer ActiveX component. You can force a download of the newer component by removing the old component and then accessing the Administrator website and clicking on "Configure".
[To Remove the ActiveX Component](#)

16370 Cannot add more users: License count exceeded!

Explanation: There are no more licenses available on the PASSPORT WEB TO HOST server.

User response: You will have to remove an existing license before adding the new user.
[Recovering Licenses](#)

16371 **Cannot add/rename/remove licensed user: <license_error>**

Explanation: Possible license errors include:

- No license code.
- Invalid license code.
- Expired license code.
- License file is invalid.
- License file cannot be found.
- License file is read-only.

**User
response:**

1. Make sure the license file exists and is not marked as read only
2. Make sure the license code is valid and is not expired
3. [More Information](#)

Miscellaneous

3270 Lite Version

You may need a smaller version of the ActiveX control for one reason or another. If you have users that are accessing the web server and host system from a slow dial-up connection, using the 3270 lite version of the ActiveX control will cut the download time roughly in half. However, the lite version is limited in functionality and care must be used to configure users and sessions correctly.

An alternative to the 3270 lite version is to use the MSI client install on the desktop system.

What is included in the 3270 Lite Version

- TN3270E connection to an IBM zSeries (S/390) mainframe host computer
- SSL and non-SSL connections
- Host printer sessions
- All File, Edit, View, Options, Transfer commands
- Keyboard customization
- APA Host Graphics

What is not included in the 3270 Lite Version

- TN5250 connection to IBM iSeries (AS/400) host systems
- VT52, VT100, VT220, SCO-ANSI or Wyse-60 connections to Unix host systems
- PASSPORT terminal raster font
- PASSPORT thin terminal raster font
- HLLAPI
- Macros

How to activate the 3270 Lite version of the ActiveX control

1. Copy the Passweb.cab file to Passwebfull.cab, then copy Passweblite.cab to Passweb.cab. These files are in the \Program Files\PASSPORT eClient Admin\Eclient directory on the server where you installed PASSPORT WEB TO HOST.
2. Configure only 3270 session profiles.
3. Configure attribute profiles that use the PASSPORT true type terminal font. Then assign this attribute profile to all of your 3270 session profiles.

4. Configure users and/or groups with security that disables the Macro>Run, Macro>Record and Macro>Edit menu commands.

Note: If you want to switch back to the full ActiveX control later, the previously installed PASSPORT ActiveX object must be deleted on each client so the new full ActiveX control will download.

Directory Structure

Physical Directory

PASSPORT Administrator's default root directory is the **C:\Program Files\PASSPORT eClient Admin** directory. This is considered the root directory.

Virtual Directory

When PASSPORT is installed, it creates two virtual directories, one pointing to **C:\Program Files\PASSPORT eClient Admin** and the other pointing to **C:\Program Files\PASSPORT eClient Admin\Eclient**. The default virtual directories are pecadmin for the administrator web site and pec for the client web site. These virtual directories are used in the address line of the browser to configure or launch PASSPORT sessions.

<http://YourWebSite/pecadmin/> (default virtual directory for administrator access)

<http://YourWebSite/pec/> (default virtual directory for user access)

Directory Structure

There are several layers of directories installed on the Web Server for PASSPORT. This lists the various directories and contents.

<u>Directory</u>	<u>Contents of Directory</u>
 PASSPORT eClient Admin\	Root directory, Administrator configuration program, Readme.htm file, .zwm, .asa, .asp, cab files and configuration settings. Administrator web site, including help files, hypertext, scripts, style sheets, status files and various sub directories (*.h*, *.htm, *.js, *.css, *.scc files).
 Help\	Help files for the administrator configuration program, hypertext, file transfer, scripts, images, style sheets, compressed files and various subdirectories (*.h*, *.htm, *.ftp, *.js, *.gif, *.css, *.zip, *.cab files)
 Eclient\	PASSPORT web site, help files, hypertext, scripts, style sheets, images, Web files and various subdirectories (*.mpj, *.h*, *.htm, *.js, *.css, *.jpg, *.bmp, *.xml files). The ActiveX component applets, and compressed files that are downloaded to the client PC (*.cab files)
 Eclient\3270dsp\	Launch individual PASSPORT display session profiles for 3270, hypertext, active server pages, compressed files and various subdirectories (*.htm, *.asp *.cab, *.stm files)

-  Eclient\3270dsp\Sessions Session profiles for 3270 (*.zwh files)
-  Eclient\3270dsp\Keyboards Keyboard profiles for 3270 (*.zkb files)
-  Eclient\3270dsp\Attributes Attribute profiles for 3270 (*.zat files)
-  Eclient\3270dsp\Macros Macros for 3270 (*.zmc and *.zam)
-  Eclient\3270prt\ Launch individual PASSPORT session profiles for 3270 printers (*.asp files)
-  Eclient\3270prt\Sessions Session profiles for 3270 printers (*.zwh files)
-  Eclient\5250dsp\ Launch individual PASSPORT display session profiles for 5250, hypertext, active server pages, compressed files and various subdirectories (*.htm, *.asp, *.cab files)
-  Eclient\5250dsp\Sessions Session profiles for 5250 (*.zwh files)
-  Eclient\5250dsp\Keyboards Keyboard profiles for 5250 (*.zkb files)
-  Eclient\5250dsp\Attributes Attribute profiles for 5250 (*.zat files)
-  Eclient\5250dsp\Macros Macros for 5250 (*.zmc and *.zam)
-  Eclient\5250prt\ Launch individual PASSPORT session profiles for 5250 printers (*.asp files)
-  Eclient\5250prt\Sessions Session profiles for 5250 printers (*.zwh files)
-  Eclient\Vtdsp\ Launch individual PASSPORT display session profiles for VT, hypertext, active server pages, compressed files and various subdirectories (*.htm, *.asp, *.cab files)
-  Eclient\Vtdsp\Sessions Session profiles for VT (*.zwh files)
-  Eclient\Vtdsp\Keyboards Keyboard profiles for VT (*.zkb files)
-  Eclient\Vtdsp\Attributes Attribute profiles for VT (*.zat files)
-  Eclient\Vtdsp\Macros Macros for VT (*.zmc and *.zam)
-  Eclient\Wysedsp\ Launch individual PASSPORT display session profiles for Wyse-60, hypertext, active server pages, compressed files and various subdirectories (*.htm, *.asp, *.cab files)
-  Session profiles for Wyse-60 (*.zwh files)

Eclient\Wysedsp\Sessions



Keyboard profiles for Wyse-60 (*.zkb files)

Eclient\Wysedsp\Keyboards



Attribute profiles for Wyse-60 (*.zat files)

Eclient\Wysedsp\Attributes



Eclient\Wysedsp\Macros Macros for Wyse-60 (*.zmc and *.zam)



Eclient\Certificates SSL Certificates



Eclient\Groups Group profiles (*.zgp files)



Eclient\Help_user_guide\ Help files for PASSPORT display sessions, hypertext, file transfer, compressed files, scripts, images, style sheets, Web files and various subdirectories (*.h*, *.htm, *.ftp, *.cab, *.js, *.gif, *.css, *.xml files)



Eclient\Help_ftp Help files for PASSPORT FTP (*.htm files)



Eclient\Images Pictures, images and bitmaps (*.jpg, *.gif, *.bmp files)



Eclient\Users Individual user information and corresponding session profiles (*.asp, *.zur files)



Logs\ Keep a log of all the changes that was made to the PASSPORT Administrator program (*.ini, *.log)



Bin\ Necessary system files (*.dll)

File Formats

The PASSPORT Administrator configuration program generates five types of file formats:

- **Sessions** profile (*.zwh)
- **Groups** profile (*.zgp)
- **Users** profile (*.zur)
- **Keyboards** profile (*.zkb)
- **Attributes** profile (*.zat)
- **Macros** (*.zmc, *.zam)

General Information

- All files are text based and can be edited with Windows Notepad.
- If a statement is omitted, the default value is used.
- If a statement value is invalid, the default value is used.
- If a statement is invalid, the statement is discarded.
- 0 = No or Off
- 1 = Yes or On

Parameter Override

When PASSPORT is launched from within a web browser, the URL normally contains the information about the session name and user name. For example:

`http://webserver/pec/Ecomes.zwh?sessionprofile=3270dsp/Sessions/p390+username=james`

In the above example, **p390** is the session name for a 3270 display session and **james** is the username for security settings. After the server receives this URL, it will parse the information and send back corresponding session configuration, such as host IP address and port number, as well as security settings back to the client.

You can also override the session configuration parameters at run-time. To override session parameter, you need to append a pair of parameter and value such as **"`+param=value`"** to the URL, where **param** is the name of the session parameter and value is what you want to override for this parameter. For example:

- If you want to connect a different IP address from what's already in the configuration file, you should append **"`+Host=10.1.1.4`"** to the end of URL.
- If you want to use a different Resource Name (LU Name), you will need to append **"`+ResourceName=TN405`"** to the end of URL.
- If you want to change your VT answer back, you will need to append **"`+VTAnswerBack=12345`"** to the end of URL.

Following is the list of parameters and their possible values you can override:

Parameter	Possible Value	Notes
Host	xxx.xxx.xxx.xxx	Host IP address
Port	xxxx	Port Number
TimeOut		In seconds
TN3270E	0, 1	
ConnectMethod	Generic, Specific, Associated	
ResourceName		TN3270E LU name (max. 8 char.)

ScreenSize	2, 3, 4, 5, Dynamic	
ExtendedAttributes	0, 1	
AutoReconnect	0, 1	
TN3270EResponses	0, 1	
Security	None, SSL	
HotBackUp	0, 1	
HotBackUpListSize		Number of Host backup, should be in front of HotBackUp = xxx.xxx.xxx.xxx:pppp
HotBackUpX	xxx.xxx.xxx.xxx:ppp	x from 1 to HotBackUpListSize, xx.xx.xx.xx IP add. ppp port #
KeepAlive	0, 1	
KeepAliveTimer		In minutes
KeepAliveSequence	NOP, TM	Keep Alive Sequence TM: Timing Mark
ShowSSLWarning	0, 1	Show SSL warning, i.e. invalid cert.
HostCodePage	037, 273, 277, 278, 280, 284, 285, 297, 500, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148	Host Code Page
DeviceTypeOverride		Device Type override in type negotiation
HLLAPIType	0,1	0: Automatic short name, 1: Manual short name
HLLAPIShortName	A.....Z	HLLAPI short name
HLLAPILongName		HLLAPI long name (Max. 8 char.)
EnableStartupMacro	0, 1	Run startup macro?
StartupMacroName		Startup system macro name
StartupMacroRunOnce	0, 1	Run only once (1) or run startup macro when auto-reconnect
VTDecode	7, 8	VT decode, 7 bit or 8 bit
GraphResolution	Terminal, High	Graphics resolution
ProgramSymbolSet	None, PSAB, PSAF	PSAB: PS A and B, PSAF: PS A through F
EnableGrafBuf	0, 1	
GrafBufSize		Graphics redraw buffer size (KB)
Specific for TN3270E Printer Session		
MaxLinePage		Maximum lines per page
MaxCharPerLine		Maximum characters per line
DisplayStatus	0, 1	Display printing status?
WrapText	0, 1	Wrap text?

PrintNULLLine	0, 1	Print NULL Line?
IgnoreFirstFormFeed	0, 1	Ignore first from feed?
FormFeedAfterJob	0, 1	Form feed after printing job
EnableTransparency	0, 1	Enable transparency?
PrinterStartString		Starting string for transparent printing
PrinterCloseString		Closing string for transparent printing
DetectEndJob		Detect End Of Job (EOJ)
EndJobTimeOut		Timeout value (sec.) for detecting EOJ
Specific for VT, SCO-ANSI and Wyse Display Sessions		
VT AnswerBack		Text String

Note: 1 means Yes and 0 means No unless explicitly specified otherwise. Parameter name is not case sensitive.

Launching via a Command Line

The PASSPORT Web to Host client can be launched through most major browsers (e.g., Internet Explorer, Chrome and Firefox) in Windows as well as via a command line URL.

1. Internet Explorer with ActiveX download/auto update or Client Install

By default PASSPORT will run embedded inside Internet Explorer. However, a simple change in the registry of client PC can force PASSPORT sessions to be launched outside of Internet Explorer and thus run stand alone. Add a new DWORD value called BrowserFlags under HKEY_CLASSES_ROOT\PASSPORT.Document and set the value to 08. Setting it to 00 (or deleting this value) causes PASSPORT to run embedded inside Internet Explorer.

Note: Starting with version 21.1.2, this Registry setting can be changed by the end user by simply selecting the Run Embedded menu option after the client session has been launched via Internet Explorer. See the "Run Embedded" topic in the PASSPORT User's Guide under Menu Commands > View for more details.

2. Chrome or Firefox with Client Install

You must install PASSPORT Web to Host client through Client Install on the client PC first. For Chrome, the first time Ecomes.zwh will be downloaded and show at the bottom of Chrome, then select "Always open files of this type". On subsequent launches, PASSPORT Web to Host will be launched straight out of Chrome. For Firefox, the first time a dialog titled with "Opening Ecomes.zwh" will pop up. Select Open with "PASSPORT Web to Host" and check "Do this automatically for files like this from now on". On subsequent launches, PASSPORT Web to Host will be launched straight out of Firefox.

3. **Through a command line URL**

You must install Passport Web to Host client through Client Install on the client PC first. For example create a desktop shortcut like this:

"C:\Program Files (x86)\PASSPORT WEB TO HOST Client\passport.exe"

<http://10.17.4.150/pec/Ecomes.zwh?sessionprofile=3270dsp/Sessions/rs73>

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