



Web-to-Host 6.9.4 SP2

[Readme](#)

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Introduction

This document contains information about late-breaking changes and known issues for OnWeb Web-to-Host and its components. For details on installing Web-to-Host or configuring and publishing host sessions, refer to the *Web-to-Host Administrator Guide*.

This service pack includes cumulative hot fixes and updated components to handle common vulnerabilities and exposures.

Upgrading Web-to-Host

When upgrading your Web-to-Host product by installing a new version or service pack, you must also migrate your client profiles (these are the saved HTML files containing client session configuration settings). If you do not update the client profiles, users cannot use new features. They might not be able to open client sessions, and might be prompted to contact their system administrator. For details, refer to the *Web-to-HostAdministrator Guide*.

Known Issues

The following list of unresolved items are known to Rocket Software and do not need to be reported to your customer support representative. You are encouraged, however, to report any other issues or requests for enhancement that you encounter while working with the software.

Coexistence with Rumba+ Desktop 10.2 SP2

If a Web-to-Host Pro 6.9.4 Mainframe session (Display, or Printer, or both) is running on the same machine where Rumba+ Desktop 10.2 is installed, and SP2 is applied to both Web-to-Host Pro 6.9.4 and Rumba+ Desktop 10.2, then removing Rumba+ Desktop 10.2 damages Web-to-Host Pro Mainframe session.

To resolve the issue, the Web-to-Host Pro Client must be removed and re-installed.

Installation

Installation directory

If Web-to-Host Pro client is installed to a non-default directory, upgrade is not supported. In this case, uninstall the existing version of Web-to-Host Pro client before installing the newer version.

WTS/Citrix Server Systems

A specific installation flow is required to run Pro sessions on WTS/Citrix Server Systems. See [Web-to-Host Pro](#).

Internet Explorer

- With multiple open tabs, when switching between an open session and another tab, if you close the tab and return (automatically) to the session, you may find that the session cursor has disappeared.
- When running sessions with **Preserve size and position**, if you maximize the browser then close and reopen the session, the session opens maximized, but with a **Maximize** button in the browser's title bar instead of a **Restore** button. You can still return the browser to its previous (smaller) size by double-clicking the title bar.
- When running multiple sessions in the same browser, dialog boxes opened from one tabbed session may remain on top (visible) when you switch to another tabbed session. To prevent this, close all dialog boxes before switching sessions.
- When running multiple sessions in the same browser and configured to reopen all tabs the next time the browser is run, if you close the browser while one of the sessions is zoomed in, it will not function properly the next time it is run. To avoid this, click **Zoom Out** before closing the browser.
- With sessions created with the following configuration: **Start Zoomed In** selected, **Enable Menu Bar** and **Enable Toolbars** unchecked, it is also necessary to uncheck the **Enable Zoom** option. If the option is not cleared, when the session is run, it will display a message telling you to click **Zoom Out** (if you want to access the browser toolbar, menus, and tabs) even though there is no **Zoom Out** button.
- To avoid distortion of the title bar, menu bar, or other similar browser elements, do not use the **Start Zoomed In** option in the Pro Client.
- The Web-to-Host Java client works with Internet Explorer in Compatibility View only.

HTTP access

Administrators must ensure that all files and folders on the Web-to-Host server in the following location have read access for HTTP connections:

```
\\<Web-to-Host wwwroot>\w2hlegacy\data
```

Unavailable menus

You may encounter menus that are unavailable (grayed out) in Pro HP and UNIX display sessions. Restarting the session usually corrects this problem.

Saving sessions to network locations

When working in Session Configuration Manager (SCM), you may encounter problems saving sessions to network locations that require a user name and password. For example:

1. Create a session and click **Save**. The **Save As** dialog box appears.
2. Type a network location in the **File name** box, (such as \
\<mynetworklocation>), then click **Enter**.

The **Save As** dialog box closes automatically and the session is saved — not to the network location, but to the last saved directory, using the network location as the file name.

To prevent this from happening, run Windows Explorer (or another file management application) and navigate to the directory where you want to save the session. You will most likely be required to logon. Once you have successfully accessed the directory, return to SCM and save the session.

Resolved Issues

- 315160** Switching between two Host Access Web Launcher sessions require to click in them.
- 315162** Request for adding RSC to Web-to-Host 6.9.3 and higher.
- 316170** ERQF: Add client side Keep Alive to v Hostwizard.
- 320059** The Web-to-Host launcher window loses focus after an input error, then you must click back in window to continue typing.
- 500061** Request to add Host Access Web Launcher to MSIPackager 6.9.3.
- 500092** Web-to-Host cph settings issue.
- 613111** The Local Display Language and User Guide are installed each time a session is launched.
- 615059** Web-to-Host 6.9.3 custom application with imbedded display loses focus and unable to type in fields.
- 730008** Web-to-Host 6.9.4 session fails with error 1007 when attempting to launch a lower version session.
- 1446007** ERQF. Web-to-Host 64-bit HLLAPI .dlls and 64-bit AS/400 Display .ocx for use in Excel VBA macros.

Web-to-Host Pro

The following apply to Pro Client sessions.

Security compatibility with other Rocket Software products

Web-to-Host 6.9.4 SP2 contains FIPS 140-2 compliant Security Services and supports Internet Protocol version 6 (IPv6)-formatted IP addresses for hosts.

As a result, Web-to-Host 6.9.4 SP2 is only compatible with Rumba+ Desktop 10.2 SP2 and Rumba+ Desktop FTP Client 4.9 SP2.

Using Pro with WTS/Citrix Server systems

To run Pro sessions (AS/400 Display and Printer, Mainframe Display and Printer, HP, and UNIX) through a WTS/Citrix multi-user system, you must first install them on the server.

1. Log on to the server with Administrator credentials.
2. Using the appropriate command, enable "install mode" (refer to your WTS/Citrix documentation for details). Using install mode prevents other clients from installing software at the same time, avoiding potential conflicts that could cause the server to go into unsafe mode.
3. Open a browser and run the desired Pro session.



Note: You must be in install mode the first time you run each type of Pro session.

Once the session files and components are installed, users must have the license required to run the sessions through their WTS/Citrix clients.

Password-level caching for AS/400

Since V5R1M0, the password level (QPWDLVL) for AS/400 hosts can be set to allow short or long passwords (1 - 10 or 1 - 128 characters). Web-to-Host sessions wanting to establish a connection to an AS/400 host must first determine (resolve) the password level the host is using. This can slow down overall system performance, increasing both connection time and network traffic.

To improve performance and shorten connection times, OnWeb Web-to-Host now caches password-level data by default. The first time the password level is resolved, the data is saved on the client PC. From that point on, each time the user connects to the host the cached data is used, eliminating the need for multiple network connections.

Cached data is host specific. Once the password level has been resolved for a particular host, it is used by all sessions connecting to that host.

It is strongly recommended that you not change the password-level cache setting. However, there are cases where it could be necessary. For example, if the password level of the host is changed. In that case, you may need to do one of the following:

Pro Display and Printer sessions:

Open the session HTML (`<session name>.html`) and remove the `this.HostPwdLevel` parameter.

Pro Display:

Open the session HTML (`<session name>.html`) and add the `this.ResolvePwdLevelPolicy` setting into the function `stAS400DisplayProps()` according to the following:

- `this.ResolvePwdLevelPolicy = 0` Means "Query and cache password level value once, and use it ever after". Default.
- `this.ResolvePwdLevelPolicy = 1` Means "Always query and cache password level value upon each connection".
- `this.ResolvePwdLevelPolicy = 2` Means "Never query host for password level value, and use the lowest password level value upon each connection".

Pro AS/400 File Transfer sessions:

Set the password level caching policy. To do this:

1. Select **Connection > Configure**. The **Configure** dialog box appears.
2. Click **Security**.
3. On the **Security** page, select the option in the **Resolve QPWLVL System Value** drop-down list.

Troubleshooting

hostwizard.html

When `hostwizard.html` is being opened, the following error may occur:

```
Cannot add duplicate collection entry of type 'mimeMap' with unique key attribute 'fileExtension' set to '.abc'
```

If this happens, the following line should be removed from the `web.config` file:

```
<mimeMap fileExtension=".abc" mimeType="xyz/uvw" />
```

Internet Explorer toolbars

When sessions are created with toolbars enabled, dragging a toolbar outside the session window may cause the session cursor to disappear. Resizing the browser makes the cursor reappear.

Moving user data files

If you choose to move the user data files outside the Web-to-Host server installation folder, you must copy the `web.config` file from the `w2hlegacy` folder to the new location. This is because this file contains declarations of the MIME types to be allowed by IIS7.

Blank screen after upgrade for AS/400 Display

Occasionally, when running an AS/400 Display session after upgrading from an earlier version, the session screen is blank. To resolve this, do one of the following:

- Select a Windows standard font (for example, MS Sans Serif) on the **Font** page of the **Display Options** dialog box (select **Options > Display Options**).
- Restart the PC.

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Software and the computer systems on which it is installed or accessed as necessary to fulfill the Product Order and provide the Licensed Product, for security and licensing purposes and to improve Rocket Software products and services.

19. CUSTOMER FEEDBACK. Customer agrees that, should it provide Rocket Software with any feedback or suggestions regarding Licensed Products ("**Feedback**"), Rocket Software and its affiliates will be free to use all such Feedback, including (but not limited to) all intellectual property rights in and to such Feedback, in their discretion and for any purpose, without obligation of any kind to Customer.

20. CONFIDENTIAL INFORMATION. Information exchanged under or in connection with this Agreement, including all information pertaining to Pre-Release Software, will be treated as confidential if identified as confidential at time of disclosure, or if the circumstances of disclosure reasonably indicate such information should be treated as confidential. Confidential information may only be used for the purpose of fulfilling obligations or exercising rights under or in connection with this Agreement, and shared with employees, affiliates, agents or contractors with a need to know such information to support that purpose, who are contractually bound to protect its confidentiality. Confidential information will be protected using a reasonable degree of care to prevent unauthorized use or disclosure for three years from date of receipt. These obligations do not cover information that (i) was known or becomes known to the receiving party without a duty of confidentiality; (ii) is independently developed by the receiving party; (iii) becomes publicly available without breach of this Agreement; (iv) is disclosed with the disclosing party's prior written consent; or (v) where disclosure is required by law, a court or government agency. Should the receiving party be required to reveal confidential information under subpoena, court order or other operation of law, the receiving party will provide reasonable prior notice to the disclosing party and request a protective order, if available.

21. INDEMNIFICATION FOR INTELLECTUAL PROPERTY RIGHTS INFRINGEMENT. Rocket Software will defend and/or settle any claims against Customer that Licensed Products furnished under this Agreement infringe a third party's patent, copyright, or trade secret rights. existing under the laws of a country where Customer is using the Licensed Product ("IP Infringement Claim"), provided: (i) Customer promptly notifies Rocket Software in writing of the IP Infringement Claim; (ii) Rocket Software has sole control of the defense and all related settlement negotiations; and (iii) Customer reasonably cooperates with Rocket Software in the defense of the IP Infringement Claim.

Rocket Software will pay all damages, costs, and expenses finally awarded (or agreed to by settlement) for any such IP Infringement Claim. Rocket Software will pay all reasonable out-of-pocket costs incurred by Customer for cooperation in the defense of the IP Infringement Claim. If, however, Customer wants separate legal representation, Customer will be responsible for the costs and fees of its separate counsel.

Should any Licensed Products provided under this Agreement become or, in Rocket Software's opinion, likely become, the subject of an IP Infringement Claim, Rocket Software may replace or modify affected Licensed Product so as to make it non-infringing and materially equivalent, or procure for Customer the right to continue using it. If neither alternative is reasonably available, once Customer has returned or destroyed all copies of the affected Licensed Product, Rocket Software will refund to Customer the full amount paid for affected Licensed Product less straight line depreciation on a five-year basis from date of delivery.

Rocket Software is not responsible for unauthorized use of Licensed Products, and has no obligations under this Section (Indemnification for Intellectual Property Rights Infringement), to the extent infringement results from (i) compliance with Customer's designs or instructions, (ii) a modification not authorized in writing by an authorized Rocket Software signatory, (iii) use or combination with software, equipment, or data not provided by Rocket Software, (iv) non-licensed use; or (v) Third Party Software or Open Source Software.

22. MISCELLANEOUS.

a. Assignment. Rocket Software may assign this Agreement and any Product Orders to an affiliate or a third party in connection with an asset sale or divestiture. Customer may not assign or transfer this Agreement (or any Product Orders) or any of its rights or duties hereunder, including (but not limited to) by operation of law, without Rocket Software's prior written consent, which will not be unreasonably withheld, and payment of any applicable assignment or transfer fee. Any transaction or series of related transactions resulting in a change in the ownership of more than 50% of the voting

equity of Customer will be deemed an assignment for purposes of this provision. Any attempted assignment of this Agreement (or a Product Order) not in accordance with this section (Assignment) will be null and void.

- b. Governing Law and Jurisdiction.** This Agreement and, subject to the Open Source Software and Third Party Software Section, licenses purchased under applicable Product Orders, as well as any claims or causes of action, whether in contract, tort or statute, based on, arising under or relating to this Agreement, will be governed and enforced as follows: If Customer's applicable place of business is located in North America, all matters arising out of or relating to this Agreement are governed by the laws of the state of Delaware, U.S.A. If Customer is located in the United Kingdom, Australia, Brazil, France, Germany, Italy, Japan, the Netherlands, New Zealand, Spain or Singapore, all matters arising out of or relating to this Agreement are governed by the laws of the country in which Licensee is located. In the rest of the world, the laws of England and Wales govern all matters arising out of or relating to this Agreement. The applicable law shall apply without regard to conflicts of law provisions, and without regard to the United Nations Convention on the International Sale of Goods. Any suit, action, or proceeding arising out of or relating to this Agreement shall be subject to the exclusive jurisdiction of the courts of the country determining the applicable law, except that the courts of the State of Delaware shall have exclusive jurisdiction in North America, and Rocket Software will be allowed to apply for injunctive relief in any jurisdiction. Each party agrees to be subject to the above-described jurisdiction and waives any right it may have to object to such venue, including objections based on personal jurisdiction or inconvenient forum. The prevailing party in any proceeding has the right to recover costs and reasonable attorneys' fees as awarded by the court or arbitrator.
- c. Export Control.** Rocket Software and Customer will comply with their respective responsibilities as exporters and importers under laws and regulations applicable to the export, import or other transfer of the software, services and technology provided by Rocket Software under this Agreement, including the export, import and sanctions laws of the United States and other applicable jurisdictions. If Customer exports, imports, or otherwise transfers any Licensed Products provided under or in connection with this Agreement (or any technical data related thereto), Customer is responsible for obtaining any required authorizations. Customer will not use Licensed Products for any purpose prohibited by applicable export laws, including nuclear, chemical, missile or biological weapons-related end uses. With respect to any Pre-Release Software provided to Customer, Customer represents and warrants that (i) it is a non-governmental entity, (ii) the Pre-Release Software will only be used for internal testing and evaluation, and will not be rented, leased, sold, sublicensed, assigned, or otherwise transferred, and that it will not transfer or export any product, process, or service that is the direct product of the Pre-Release Software, and (iii) it will only use the Pre-Release Software in the United States or the countries listed in Title 15, U.S. CFR Supplement No. 3 to Part 740 - License Exception ENC Favorable Treatment Countries. Customer agrees to indemnify and hold Rocket Software harmless from and against any damages, claims, losses, fines, settlements, attorneys' fees, legal fees and court costs and other expenses related to any such activities or any claims in connection with any breach of this Section.
- d. Survival.** Rights and obligations of the parties in the following Sections: Use Restrictions, Term, Termination, Disclaimer of Warranty, Limitation of Liability, Ownership, Open Source Software and Third Party Software, License Fees and Payment Terms, License Verification, Privacy, Use of Customer Information, Customer Feedback, Confidential Information, Indemnification for Intellectual Property Rights Infringement, and Miscellaneous will survive termination or expiration of this Agreement. Neither party will be liable for delays or non-performance beyond its reasonable control except for payment obligations.
- e. Notices.** All notices permitted or required under this Agreement will be in writing and delivered personally, by courier, telecopy, first class mail, electronic mail, or similar transmission to the other party. Notices to Rocket Software shall be addressed to: Legal Department, Rocket Software via email to legal@rocketsoftware.com. Notices to Customer may be sent via electronic mail to any email address set forth in the Product Order or to its address listed on the applicable Product Order, or at such other address as may be supplied in writing. The date of delivery or the date of mailing will be the date of notice.
- f. Resellers.** Rocket Software's obligations with respect to products or services supplied by Rocket Software and procured by Customer from an authorized Rocket Software reseller are limited to the

terms and conditions in this Agreement and the Documentation included with the Rocket Software supplied products and services. With purchases from a reseller, the applicable pricing and payment terms are as set out in the separate agreement between Customer and the reseller, and any terms in this Agreement related to Rocket Software pricing and payments shall not apply. Rocket Software is not responsible for the acts or omissions of the reseller, or for any other products or services that it supplies to Customer.

- g. Entire Agreement.** This Agreement and the applicable Product Order(s) and ALA(s) represent the entire understanding of the parties with respect to the subject matter of this Agreement and supersede any previous communications or agreements that may exist regarding the same subject matter.
- h. Order of Precedence.** Subject to the Product Orders section, any conflicting terms and conditions will be resolved according to the following order of precedence: the applicable Product Order, the applicable ALA, and this Agreement.
- i. Amendment.** No modification of this Agreement will be binding on the parties unless in writing signed by authorized representatives of Rocket Software and Customer.
- j. Waiver.** No waiver of any right under or in connection with this Agreement will be effective unless in writing, signed by authorized representatives of both parties. No waiver of any past or present right arising from any breach or failure to perform will be deemed to be a waiver of any future right arising under or in connection with this Agreement.
- k. Publicity.** For the term of this Agreement, Rocket Software may use Customer's name in press releases, product brochures, and other marketing materials to indicate they are Rocket's customer. Rocket will use Customer's trademarks, service marks, logos or branding, according to any branding guidelines which Customer makes available to Rocket Software. Licensee hereby agrees to serve as a reference for the Product(s) at times to be mutually agreed upon. Such references may, as mutually agreed upon, include activities such as (i) reference calls with or hosting of a site visit with mutually acceptable prospects; (ii) a published "News Release" announcing the successful partnership with Rocket no later than sixty (60) days from the date of this Agreement; (iii) mention of Licensee or Licensee logo on Rocket Software's website; (iv) the completion of a "Case Study;" or (v) sharing Licensee's "Success Story" which may include speaking at Rocket Software events. Both parties will agree to the content and timing of any announcement focused on their relationship prior to distribution.
- l. Severability.** If any provision in this Agreement or the applicable ALA(s) or Product Order(s) is held invalid or unenforceable, that provision will be construed, limited, modified or, if necessary, severed, to the extent necessary, to eliminate its invalidity or unenforceability, and the other provisions will remain unaffected.