Release Notes Awingu 5.3.1

Introduction

Awingu 5.3.1 is a major release containing important changes, bug fixes, performance improvements and security updates.

What's New

Improved clipboard functionality

The clipboard functionality for Chromium based browsers (Chrome and Edge) is improved.

Extended selection capabilities

- Two new actions have been added to select all files, bookmarks, shares, or applications and to clear the selection.
- The selection can also be modified using the Control and Shift keyboard keys.

HTTP headers updates

- The HTTP Strict Transport Security (HSTS) header can be enabled when HTTPS is enforced.
- The Content-Security-Policy (CSP) header is applied.

Ability to install against an existing external database

The existing 'database backup and restore' functionality has been updated to 'environment backup and restore' which now also allows installing Awingu against an existing external database.

This not only enables additional disaster recovery scenarios but also allows moving your Awingu environment to a different network or hypervisor.

Support for mouse buttons 4 and 5

The mouse buttons 4 and 5 (side buttons) can be used within remote applications.

Documentation

Following documentation is available for this release:

User Manual	https://manuals.awingu.com/user-manual/awingu-user-manual-5-3.pdf
Admin Manual	https://manuals.awingu.com/admin-manual/awingu-admin-manual-5-3.pdf

Important changes

Download before upgrade

Upgrading Awingu since 5.2.5 requires a 2-step process. The new Awingu version needs to be downloaded first before the upgrade is possible. This ensures that the upgrade will not fail due to errors when downloading the new version. The recommended process of first downloading and then upgrading Awingu was already possible but is now required.

Password expiration notification

The notification that was shown when the user's password was about to expire is removed.

Default storage controller type for OVA set to VMWare Paravirtual

When deploying new appliances of type OVA, the default storage controller will be set to VMWare Paravirtual. It is recommended to update the existing Awingu appliances to use the VMWare Paravirtual storage controller.

New Remote Application Helper

A new version of the Remote Application Helper is available which contains important bug fixes. It is recommended to uninstall the previous version of the Remote Application Helper before installing the new one.

Support for IE11

Browser Internet Explorer 11 will be deprecated starting Awingu 5.3.1 (deprecation warning will be shown in Awingu when using IE11) and will become unsupported in the next major version of Awingu.

Upgrade Instructions

You can upgrade to Awingu 5.3.1 from Awingu **5.2.4** and **5.2.5**

1. Sign-in to Awingu with an administrator account (of an administrative Awingu domain) and check that all services in the *Dashboard* are green.
2. Make sure the host (hypervisor) is not in a stressed state (CPU and disk IO) and that the memory is not ballooning.
3. It is **highly recommended** to shut down the appliance(s) cleanly now and take a **snapshot/backup**. It is also recommended to take a backup of the database if you are using an external database.
4. Start the appliances(s) up, sign-in to Awingu with an administrator account (of an administrative Awingu domain) and wait until all services in the Dashboard are green again.
5. Make sure all Awingu appliances in your environment have internet connectivity (access to https://repo-pub.awingu.com).
6. Open the *System Settings*.
7. At the *General Information* page, in the section *Upgrade Version*, select 5.3.1 and click Upgrade.

   ⚠️ The **upgrade can take up to 60 minutes per appliance**, depending on the disk and network speed.

   ⚠️ Don't refresh the *System Settings* page.

   ⚠️ Do not reboot your appliance(s) during the upgrade.
8. When the upgrade has completed: Close *System Settings* and Logout. Refresh your browser before you re-login.
9. It is **highly recommended** to **reboot** the appliances(s) after a successful upgrade.

Fixed bugs

Description
Restoring a database backup fails when restoring to a new environment that already has vault enabled.
Network issues can occur after an upgrade due to deprecated networking library still being installed.
No validation done to check if read committed snapshot is enabled on an external MSSQL database.
The API sometimes does not start due to a race condition with another service.
Nginx server identification is shown.
A popup warning is shown when opening a file or a bookmark with preview when using Safari.
Moving a file with drag and drop into a folder does not result in the file being selected after the move on Ubuntu.

The keyboard shortcuts action when using the context menu on an active session does not work.

Single logout does not work when using SAML with intermediate IdP as federated authentication protocol.

Logging in using OpenID as external IdP sometimes fails due to too strict expiration verification.

The user is trapped during login when refreshing the QR-code page.

The OTP token input field is not focused.

The management user is unable to change his Account Settings.

Unable to open PDF files in Internet Explorer 11.

When an application fails to start the user is not always redirected to the active sessions page.

The direct link of an RDP application is not a full URL.

The selection of a file or folder is sometimes lost when performing certain actions.

No error is shown when copying or moving a directory into itself.

Selected files or folders become unselected when closing the filter.

The file or folder is not selected anymore after renaming it.

The copy action is not disabled when a drive is selected.

No error shown or option to delete the bookmark when the file does not exist anymore when locating a bookmark or opening a bookmark with the open with action.

No loading screen is shown when locating a bookmark or opening a bookmark with the open with action.

The toolbar on the applications page is not updated after making an application a favorite.

Spanish translation for share(s) is not correct.

German translation for terminate is not correct.

Bookmark is not always translated into Italian.

The America/Buenos Aires time zone is not redirected.

Zooming and panning on touch devices is not working.

The close button is not shown in print dialog on macOS Safari or IE11.

The Desktop Application session automatically reconnects after logging out in Windows.

The polygon cannot be made visible as a guest when it was previously configured as hidden.

When making additional displays full screen, the session is not rendered completely.

No title is shown for remote applications when one of the window titles only contains a space.

The remote application is terminated when a print job finishes while the application is disconnected.

Performance issue when dragging the polygon or the keyboard shortcut bar.

Using numpad does not always work as a guest in control.

The Remote Application Helper does not reconnect automatically after network connectivity interruption.

A warning message that the Remote Application Helper is from a unidentified developer is shown when installing.

Smartcard redirection not working when resuming disconnected remote applications.

Issues with smartcard redirection resulting in eID not working when Windows Hello is used.

The application session crashes with heap space error if SCardListReaders is called with a null context from the application server.

The .cer extension is not mentioned as an example of a supported PEM certificate.

The help text for the reverse proxied web application destination URL configuration option is not clear enough.

The application description is shown underneath some of the single sign-on options as a help text in reverse-proxied app settings.

The help text of reverse proxied web applications contains mistakes.

Validated Browsers

Platform	Browser version
Windows 7 and higher	Chrome 101 Firefox 100 Edge 101 Internet Explorer 11
macOS	Chrome 101 Firefox 100 Safari 15
Linux	Chrome 101 Firefox 100
iOS	Safari for iOS 15
Android	Chrome 101
Chrome OS	Chrome 101