

# AD Bridge 24.1 Release Notes

February 29, 2024

## Requirements:

- None

**i** For installation requirements, see the following:

- For the AD Bridge agent, see the [Install Requirements for the AD Bridge Agent](#).
- For the management console, see the [Requirements to Use AD Bridge with Active Directory](#).
- For a list of supported platforms for the latest version of AD Bridge, see the [Supported Platforms Guide](#).
- Supported Platforms Guides for previous versions of AD Bridge can be found in the [AD Bridge Documentation Archive](#).

## New Features and Enhancements:

### Ability to Disable Shutdown Timers

- In some scenarios, the shutdown timers have caused issues for customers. A new configuration option has been added to disable the **lwsmd** service shutdown timers. This option takes affect then next time **lwsmd** starts up.
- **UseServiceShutdownTimer**. New configuration option to disable service shutdown timers.

### Database Connections Improvements

In the **BeyondTrust AD Bridge Reporting Database Connection** window:

- Two new options have been added to support encrypted connections: **Encrypt connection** and **Trust server certificate**.
- A new **Perform Test Read** option has been added to perform a query on the users table as part of the Database connection test (Rights required).
- The **Timeout** was capped at 10 seconds when switching components in the BeyondTrust Management Console (BMC). This cap has been removed to help in environments that need a longer delay.

## IMPORTANT!

*As the time is now respected, timeouts only occur when the set limit is reached.*

- BMC: Support Encrypted Database connections.
- BMC: New option to query user table on with Database Connection test.
- BMC: SQL timeout setting honored across BMC.

## Reset Machine Password on Join

- **PwdLastSet** was only getting updated after half the **MachinePasswordLifespan** (defaulted to 30 days) was reached. Now after a **domainjoin** is successful, it will initiate a machine password reset.

## Database Hardening

- We noticed that two of the recommended groups had been over provisioned. The script to set the permissions has been updated for new setups, but for existing deployments/customers, **we recommend updating the permissions manually**. We provide a new **ReportingPermissionsUpdateV2.sql** file in the **Resource** folder to provide a reference for updating existing permissions.

## Issues Resolved:

### Windows

- Resolved an issue with the **Orphaned Objects Tool**: We now mention that additional scans might be required.
- Resolved an issue where the **Configuration Wizard License Import** was not locale aware.
- Resolved an issue where the **LicensePage Import** was not locale aware.

### Agent

- Resolved an issue with **Domainjoin**: Added support for restarting network manager with **dhcp** to resolve **ERROR\_BAD\_COMMAND**.
- Resolved an issue with **pbis-support**: Added a **djconfigfile** option for PWS integration.
- Resolved an issue to not store/read domain trust information with invalid SIDs.
- Resolved an issue where **MachinePassword** reset occasionally caused a core dump.
- Resolved an issue to support **ubuntu** minimal SERVER installs.
- Resolved an issue where AD Account lockout on AIX was occurring before threshold.
- Resolved an issue to update **selinux** to work with confined users.
- Resolved an issue where users were unable to create **schannel** connection after being offline for 4+ hours.
- Resolved an issue about **portscript**: the **tryall** option now searches all domains.
- Resolved an issue with RHEL9, where one was unable to change password for an AD user.

### Others

- A **tenantjoin-cli man** page has been added.

## Known Issues:

None.



**Note:** Issues discovered after release can be found within our product [Knowledge Base](#).

**Notes:**

- AD Bridge 24.1.0 supports upgrades from versions 23.1, 23.2, and 23.3.
- AD Bridge rpm packages signed with key **7237d0ac**.
- The Windows build number is now split from the Agents build number. Installer build numbers will be different between Windows and the linux/unix installers.