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On-Premise Controller Release 2.25

2025-05-14 - Chris Robinson - [Comments \(0\)](#) - [DPC Releases](#)

This update enhances the reliability and customization of your On-Premise environment by ensuring instance databases are using supported versions.

New Feature

- Remove support and block updates for instances using an external MySQL 5.7 (or MariaDB <10.5) database.

Latest Improvements

- Disable server tokens and add the option to enforce HTTPS for an instance.
- Add ability to run all problem checks from the Web GUI on demand.

Bug Fixes

- Ensure instances are restarted on clustered web nodes when changes are made to custom configuration files.

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Latest Improvements

- Add instance migrations status to the diagnostic report.
- Include additional search table configurations in diagnostic report.

Bug Fixes

- Prevent timeouts due to long query times for checking blob migration on instance page.
- Prevent network restrictions preventing update of instance data.
- Fix certain problem checks erroneously running against test instances.
- Allow logrotate service to rotate instance and OPC log files correctly when SELinux is enabled.

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Latest Improvements

- Increase maximum memory available for the Redis service.
- Support default location block customization in Nginx for instances.
- Add support for RHEL 9.6 (and derivatives).

Bug Fixes

- Clear problems generated from dynamic feed correctly.
- Pin Redis packages in apt rather than ansible for Debian installs.
- Disable proxy buffering to allow for uninterrupted large file downloads.
- Update provisioning scripts for interactive installs to support new flags for initialization of the OPC.

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Latest Improvements

- Add the option to manually run OPC migrations and continue if errors are encountered.
- Include uncompressed rotated logs in diagnostic reports.
- Add database schema to diagnostic report.
- Various security improvements and fixes.

Bug Fixes

- Update storage migration checks for new storage mechanisms.
- Fix problem checks mis-reporting for opt-in S3 regions.
- Ensure asset identifier is always present for injected problems.

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Latest Improvements

- Add the ability to manually rotate system passwords to maintain good security posture.

Bug Fixes

- ❑ Add functionality to check whether to upgrade Redis packages or not to fix bug with pre-installed versions of Redis on Ubuntu 20.04

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Latest Improvements

- ❑ Various security improvements and fixes.

Bug Fixes

- ❑ Be defensive in checks for new attachments tables.
- ❑ Ensure that the lack of configured Redis servers in the DPC configuration is handled correctly during instance creation.
- ❑ Fix the addition of new firewall rules on standby nodes when adding new nodes to a cluster.

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Bug Fixes

- ❑ Fix pulling of image when creating an instance if image already exists in cache.

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Latest Improvements

- ❑ Facilitate easier Redis updates for upstream security fixes.

Bug Fixes

- ❑ Alert whenever pre-existing problems change severity levels.