

Release Notes

bowbridge Anti-Virus
for SAP Solutions

- On-Premises Edition -

Version 4.0.5 Build 130

Platforms:

- RedHat Enterprise Linux 8,9 on x86_64
- SUSE Linux Enterprise Server 15 on x86_64
- SUSE Linux Enterprise Server 15 on PPC64LE

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1. Introduction

The document communicates the significant new features and changes in this release of the bowbridge Anti-Virus for SAP Solutions, Version 4.x. It also documents known problems and workarounds.

2. About This Release

Version 4.0.4 Build 127 is a service release to the bowbridge Anti-Virus – On Premises line of products.

Component versions:

- bb-av-activecontent v2.00
- bb-av-archiveextractor v2.00
- bb-av-clamav v2.00
- bb-av-control v2.00
- bb-av-epologger v2.00
- bb-av-events v2.00
- bb-av-icap v2.00
- bb-av-mimescan v2.00
- bb-av-quarantine v2.00
- bb-av-scanproxy v2.00
- bb-av-sophos v2.00
- bb-av-trellix v2.00

3. Supported Operating Systems

This product has been tested on the following platforms or with the following products:

- Linux on x86_64 (SuSE Linux Enterprise Server 15, RedHat Enterprise Linux 7, 8 and 9)
- Linux on PPC64 LE - VSA client only (on SuSE Linux Enterprise Server 15SP2 or higher)

4. Upgrade Procedure

Upgrade from previous installations of bowbridge Anti-Virus 4.x is supported. A respective option is available in the installer.

To upgrade from an earlier major version, customers must install version 4.x parallel to the existing version and activate v4.x by reconfiguring the virus scan profile(s). After this step, the uninstall script provided with the previous version can disable and uninstall it.

5. New Features

- New internal messaging framework (NATS) to replace AMQPS (Artemis)
- New client-transport modes:
 - `amqps://...` remains supported for legacy clients.
 - `tls://...` implements NATS over TLS using a long-lived, multiplexed connection
 - `https://...` Implements HTTPS transport with per-transaction connections. May be proxied by appending “;PX=<[user:password@]proxy-ip:port>”
- Improved handling of configuration and license retrieval
- Improved caching of licenses and configurations

6. Bugs and Issues fixed

- Deadlock during massively parallel start/restart of work-processes, resulting in timeouts during configuration retrieval

7. Known Bugs and Limitations

8. Version history (previous three releases)

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New Feature:

- Option to explicitly set the client’s work directory outside of the SAP instance work directory by appending a semi-colon-separated second path to the `INITDIRECTORY` parameter
- Improved log enqueue/dequeue performance

Fixes:

- Log dequeue: Under heavy load, some log entries may not be dispatched to the cloud service and may be lost

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New Feature:

- Licenses may now be mapped to SAP virtual hostnames (`SAPLOCALHOST`)
- New SCAN Parameters:
 - `SCAN_EXTENSION_MAX_LEN`
 - `SCAN_MIN_SIZE`
 - `SCAN_MAX_SIZE`

- Improved AMQP client performance

Fixes:

- Polling of configuration and license updates in self-hosted clusters
- Disabled queuing of expired messages in the Artemis message broker
- Issue with MIME-type to extension mapping if enforcement in archives is disabled
- Memory leak in archiveextractor
- Possible deadlock in archiveextractor
- Naming issue in the upgrade functionality of the installer

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Fixes:

- Improved robustness of the AMQP client