SecureDoc Enterprise Server

Release Notes

Product Version: 9.0 SR4 HF1

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SecureDoc by WinMagic

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SecureDoc Support

WinMagic strongly recommends that you install the most recent software release to stay up-to-date with the latest functional improvements, stability fixes, security enhancements and new features.

Please visit Knowledge Base Article 1397 for more information on End of Life and End of Support timelines for SecureDoc software releases.

About This Release

This document contains important information about the current release. We strongly recommend that you read the entire document.

Recommended – WinMagic recommends this service release for all environments. Apply this update at your earliest convenience.

Version	Release/EOL Dates	Details / Build Information
9.0 SR4 HF1 (Current)	June 27, 2023 EOL: May 7, 2026	New Features, Improvements, and fixes (server/client) Build# 9.0.401.80 (Server, all other clients), Build# 9.0003.103 (macOS)
9.0 SR4	May 9, 2023 EOL: May 7, 2026	New Features, Improvements, and fixes (server/client) Build# 9.0.400.60 (Server, all other clients), Build# 9.0003.103 (macOS)
9.0 SR3	March 2, 2023 EOL: Mar 1, 2026	New Features, Improvements, and fixes (server/client) Build# 9.0.300.118 (Server, all other clients), Build# 9.0003.103 (macOS)
9.0 SR2	December 9, 2022 EOL: Dec 8, 2025	New Features, Improvements, and fixes (server/client) Build# 9.0.200.207 (Server, all other clients), Build# 9.0002.198 (macOS)
9.0 HF1	September 7, 2022 EOL: Mar 30, 2025	Hotfix containing improvements (see release notes) Build#9.0.001.1053 (Windows client installer only)
9.0 SR1	July 21st, 2022 EOL: Jul 21, 2025	New Features, Improvements, and fixes (server/client) Build# 9.0.100.149 (Server, all other clients), Build# 9.0001.73 (macOS)
9.0	March 31st, 2022 EOL: Mar 30, 2025	New Features, Improvements, and fixes (server/client) Build# 9.0.000.1047 (Server, all other clients), Build# 9.000.1030 (macOS)
8.6 SR1 HF7	February 23rd, 2023 EOL: Sep 7, 2024	Fix for 8.6SR1 HF6 (client) Build# 8.6.107.180 (Clients)
8.6 SR1	September 8th, 2021 EOL: Sep 7, 2024	New Features, Improvements, and fixes (server/client) Build# 8.6.100.148 (Server, all other clients), Build# 8.6001.85 (macOS)
8.6	December 8th, 2020 EOL: Dec 7, 2023	New Features, Improvements, and fixes (server/client) Build# 8.6.100.148 (Server, all other clients), Build# 8.6000.594 (macOS)

NOTE: End of Life date for Hotfixes is the same as the Version or Service Release upon which they are based.

Download the latest release notes for each version listed within Knowledge Base Article 1756.

System Requirements

If using features that use the TPM (e.g., MagicEndpoint, or other TPM-based authentication such as TPM protection for Key Files), devices must have TPM 2.0 – TPM 1.2 or earlier are not supported.

For server and client system requirements: https://www.winmagic.com/support/technical-specifications

For supported devices, drives, smartcards, and tokens: https://www.winmagic.com/device-compatibility

Note: It is strongly recommended to initially install Full-Text Indexing feature (Full-Text Search) into the Database Engine, before performing an SES installation.

More information is available here: http://msdn.microsoft.com/en-us/library/ms143786(v=sql.100).ASPX

During the installation of SES, if Full-Text Indexing has not been installed, a message will appear indicating the absence of the Full-Text Indexing. This message will not allow the user to stop the installation of SES which will require retrofitting Full-Text Indexing into an existing SQL Server.

Note: Use of the SES Console will require the user to have at least local admin rights on the server or client device (e.g., Admin desktop) on which it runs for the console to function properly.

Client OS Support

Devices utilizing MagicEndpoint authentication must have Windows 10 or 11 – Windows 7 is not supported.

For a detailed view of which specific versions of SecureDoc are supported under various versions of Windows, macOS or Linux: See: https://www.winmagic.com/support/technical-specifications

Mobile Token-based authentication using Bluetooth is not supported on any pre-Windows 10 Operating Systems

The KnownConfigs.XML File

Customers are strongly advised to download the most current KnownConfigs.XML file, then replace the current version (if older) in the SES Application folders and

Installation Packages.

WinMagic strongly recommends that you seek out the most up-to-date version of the KnownConfigs.XML file and incorporate it into your SES implementation on a regular basis (e.g., monthly). This will help ensure your SES Version will take advantage of new client installation override settings that have been added since the version of the KnownConfigs.XML file that came with your version of SES. This will improve installation success on any new device makes/models you might purchase since installing SES, utilizing the new special settings available in newer versions of this file.

Customers are advised to look to the SecureDoc Knowledge Base for a link to the available KnownConfigs.XML files, then check that document (e.g., on a monthly basis) for updates to this file, then use the new version to replace all versions of the KnownConfigs.XML file in their SES Implementation folder structure. For example:

1. Position Windows Explorer to: c:\Program Files(x8)\WinMagic\SDDB-NT, then

2. Search for files like *.xml.

3. Sort the resulting search list by name

4. In each directory where a KnownConfigs.XML file is found, replace it with the new one that you have downloaded from the WinMagic Knowledge Base article.

Additional information can be found here: Installing or updating the KnownConfigs.xml file (Applies to SES from Version 7.5 onward).

The latest versions of the KnownConfigs.XML files can be found at the following links:

- SecureDoc Device KnownConfigs.XML File for SES V8.2 And Later- Download the

latest version of this here: https://na80.salesforce.com/articles/Service/SecureDoc-Device-KnownConfigs-XML-File-for-SES-V8-2-Download-the-latest-version-of-this-here

- SecureDoc Device KnownConfigs.XML File for SES V7.5 - Download the latest

version of this here: https://na80.salesforce.com/articles/Service/SecureDoc-Device-KnownConfigs-XML-File-for-SES-V7-5-Download-the-latest-version-of-this-here

The contents of the KnownConfigs.XML file are reserved to be developed and advanced by WinMagic solely. While customers might consider enhancing it, WinMagic cannot be held responsible for issues that might arise from such modifications and may (at its sole discretion) levy an additional support charge to any customers that encounter support issues that can be traced back non-sanctioned customer-initiated changes to KnownConfigs.XML.

WinMagic welcomes customer ideas and suggestions on how KnownConfigs.XML can be extended and improved, but WinMagic reserves the sole right to test, approve and to publish any changes to KnownConfigs.XML that it deems to be in the broader customer interest, and makes no commitment to act upon or publish all, or indeed any customer-recommended changes.

Version 9.0SR4 HF1

IMPORTANT

For customers deploying 9.0SR4 HF1 to devices containing Self Encrypting Drives (SEDs), if you encounter any unexpected messages indicating that SecureDoc Installation is not proceeding on such a device, please contact WinMagic Support for assistance.

The Windows Essentials Profile and Installation Package types are no longer supported

Issue: The Windows Essentials licensed client type is being discontinued. Windows Essentials was a slimmed down version of the SecureDoc Windows client which supported management of BitLocker encryption while including several key SecureDoc features. Lack of uptake of this client type in the market necessitates its removal to streamline product offerings.

Solution: The Windows Essentials profile and Installation Package types are no longer supported, and these profile/package types will no longer be available to create or deploy to endpoints.

Note: Due to the extent of the documentation that is affected, documentation relating to this Profile and Installation Package type will still exist in this version but will be fully removed in the V9.1 documentation coming later this year. Customers are asked to ignore any references to Essentials in the documentation in the meantime.

Affected Tickets: SD-43817

Which customers should upgrade to 9.0SR4 HF1?

Version 9.0SR4 is a Service Release upgrade to the SecureDoc Enterprise Client and Server.

All customers are recommended can safely upgrade to 9.0SR4 HF1.

Why upgrade? **https://winmagic.com/blog/5-reasons-to-update-your-winmagic-securedoc-investment/**

NOTE: Any customers wishing to use Microsoft Azure AD (as opposed an on-premises Active Directory) must upgrade to V9.0 (or higher). Azure AD is not supported on earlier versions of SecureDoc Enterprise Server.

Any Azure AD-joined Devices must be either initially installed using V9.0, or any existing devices that will be joined to an Azure AD must be upgraded to the V9.0 (or later) client software before being joined to the Azure Active Directory.

NOTE: SecureDoc installer now **no longer supports installation on macOS Mojave**. Version 9.0SR2 ends support for macOS Mojave, and as a result the macOS Mojave target has been removed from the SecureDoc executables framework, installation, and run-time scripts.

IMPORTANT: For customers wishing to utilize **SecureDoc's Bluetooth Low Energy mobile device-based authentication at Pre-Boot:**

1 - The device Profile must specify the Linux-based Pre-Boot for UEFI devices – termed as PBLU in this documentation. Phone-based authentication (whether using Bluetooth Low Energy communication or network-based communication) does not work with

2 – Bluetooth must be enabled in the endpoint computer's hardware configuration (BIOS or UEFI settings), as use of Bluetooth Low Energy mobile device-based authentication is a compelling security feature.,

NOTE: These release notes are presented in a new format compared to prior releases. A) Rather than leading with the ticket number(s), these will include the ticket(s) at the end of each release note; b) Issues and improvements will be grouped into meaningful groups that discuss specific aspects of the product (e.g., Authentication, Server, client, and other groupings).

How to Install/Upgrade

Customers with an active support plan should contact support@winmagic.com to receive the latest download link for their SecureDoc upgrade.

New Features

Authentication & Recovery

Modify the profile settings to deactivate specific keyfile login methods for Windows.

Issue: The key file has been switched to Phone (token) authentication, but some users may prefer not to use Bluetooth Low Energy (BLE) during Preboot while still wanting to use it for Windows login. In the Windows Client, there can be a range of options available to allow users to choose their preferred key file login method. For example, by utilizing hidden profile settings, it is possible to disable alternative passwords (Alt-Pwd) and/or other login methods.

Solution: Implemented a profile setting that enables the deactivation of specific login methods (such as C/R, Alt Pwd, OTP, Password, OOB, BLE) for SDCP Windows Login and MFA verification. Once this setting is applied, the corresponding login methods will no longer be accessible. For instance, the absence of a C/R link or a checkbox for Alt pwd login selection.

Note: Configure the profile by editing manually with added "DisableLoginMethod" under [General] section:

[General]

DisableLoginMethod=<numberic value>

The value is 0 by default, meaning nothing is disabled. It can have these, or combination of these bitwise values set:

1. METHOD_CR = 1,

2. METHOD_ALT_PWD = 2,

3. METHOD_PASSWORD = 8,

4. METHOD_BLE = 16,

5. METHOD_OOB = 32,

E.g., to disable Alt pwd and C/R set value of 3 (1+2). To additionally disable password login set value of 11 (1+2+8).

Affected tickets: SD-45338

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macOS

Linux

SaaS – Software as a Service

Improvements

SecureDoc Console or SESWeb Console

SecureDoc Client - Linux

After logging into the Ubuntu 22.04 Desktop operating system, an error message is displayed in the OS logon.

Issue: Upon successful deployment of the default Endpoint Linux on the client, an error message is encountered after logging into both BootLogon and the operating system.

Solution: The issue was resolved by verifying the existence of the GNOME desktop file and avoiding its duplication if it already exists.

Affected tickets: SD-44945

After installing SDLinux on Ubuntu devices equipped with Wi-Fi 6 AX wireless adapters, there is no Wi-Fi connectivity available.

Issue: Before deploying the SDLinux endpoint package to the client machine, the Wi-Fi network functions correctly, and the network adapters have valid IP addresses. However, after installing SDLinux, the Wi-Fi network disappears. Upon uninstalling SDLinux from the client machine, the Wi-Fi network becomes available again.

Solution: The issue was resolved.

Affected tickets: SD-45285

When attempting to deploy Endpoint Linux on Ubuntu 20.04 Desktop using Wayland, an error occurred, specifically a failure to open Primary Account Set-up window and establish SM (Secure Moment).

Issue: After deploying the default Endpoint package to Ubuntu using Wayland, the Secure Moment is not achieved following client registration and autoboot. However, when switching back to using Ubuntu instead of Wayland, the Secure Moment is successfully achieved.

Solution: This issue was resolved.

Affected tickets: SD-45319

When executing the uninstall command for SDLinux for the first time, duplicate terminals are displayed.

Issue: While uninstalling SecureDoc on Ubuntu, two terminals run simultaneously instead of just one.

Solution: To prevent SDOT deployment from running when no terminal is present in Ubuntu 22.04, the process should be conditioned upon the existence of a terminal. Additionally, the check for the autostart gnome desktop file should be fixed to ensure accurate verification.

Affected tickets: SD-45322

SecureDoc Client - Windows

SecureDoc Client - macOS

Authentication & Recovery

Resolved Issues

Authentication & Recovery

Unable to log in to BootLogon using Bluetooth Low Energy (BLE) on Android devices. The authentication request fails to prompt on the phone.

Issue: The key file has been switched to Phone (token) authentication. However, during BootLogon, the notification fails to appear on Android devices, preventing verification through the Android phone. In contrast, iPhone devices function correctly in this regard.

Solution: The problem has been resolved.

Affected tickets: SD-45276

Random errors occur with Bluetooth Low Energy (BLE) Pre-Boot Authentication (PBA) when multiple Bluetooth devices are present in the same room.

Issue: The presence of multiple Bluetooth devices in proximity leads to unpredictable errors during BLE PBA.

Solution: The LE scanning functionality has been fixed and enhanced in the PBL. The default method now combines LE scanning with direct reading of scan data, resulting in improved performance and reliability.

Affected tickets: SD-44914

Limitations

IMPORTANT: Mobile Token-based authentication using Bluetooth is not supported on any pre-Windows 10 Operating Systems.

SES Console or SESWeb Console

MacOS Devices

Authentication

Authentication – Remote Desktop

Contact WinMagic

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Acknowledgements

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