

Migration Tool Release Notes

SonicWall created the SonicWall Migration Tool to help users convert firewall settings from an existing SonicOS 5.9.x onwards firmware (SOHO only) and SonicOS 6.5.x firewall, enabling the creation of a new settings file that can easily be imported into a SonicOS 7 firewall. This tool can also be used to migrate setting from other third-party devices based on the compatibility. These release notes provide information about the SonicWall Migration Tool release.

Versions:

- [Version 4.37.0](#)
- [Version 4.36.0](#)
- [Version 4.35.4](#)
- [Version 4.35.3](#)
- [Version 4.35.2](#)
- [Version 4.35.1](#)
- [Version 4.35.0](#)
- [Version 4.34.0](#)
- [Version 4.33.0](#)
- [Version 4.32.0](#)

Version 4.37.0

November 2024

Important

Settings can be exported from one firewall to another, but not every SonicWall model is compatible with all others. Similarly, some firmware versions are not compatible with subsequent versions as new features get added or as changes are made to existing features. Understand the compatibility described in the following section to avoid possible corruption from importing unsupported settings.

Compatibility and Installation Notes

SonicOS 6.5.1.3 is the minimum version supported for migrating settings to a firewall running SonicOS 7. If you try to migrate from an older version of SonicOS, it becomes a two-step process. Update the firewall to SonicOS 6.5.1.3 or higher. Then use the migration tool to create the settings file to import to the SonicOS 7 firewall.

Certain settings such as Global Bandwidth Management, Virtual Assist, Content Filter Client Enforcement, and others cannot be imported into SonicOS 7. A detailed matrix showing the compatible Source and Destination SonicWall firewalls is provided in the KB article, [Can Settings be Exported/Imported from One SonicWall to Another?](#) Refer to it for the most current information.

① **NOTE:** The Migration Tool does not support firewalls running SonicOS with Policy Mode. This includes any of the NSv Series devices that are running in Policy Mode and the NSsp 15700.

The SonicWall Migration Tool allows you to migrate some settings from third-party vendors. In the following table, the X indicates which settings can be migrated for each vendor and which are not supported at this time.

Feature	Checkpoint	Cisco	Fortinet	Palo Alto	Sophos	Watchguard
Zone	X	X	X	X	X	X
Access Rule	X	X	X	X	X	X
Network Object	X	X	X	X	X	X
Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
VPN	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported

① **IMPORTANT:** SonicWall does not fully test all features for all third-party devices. To minimize migration issues be sure to test the migrated setting in your test environment before deploying to production.

① **IMPORTANT:** When migrating from third-party devices to SonicWall with the migrated configuration, the HTTPS management on the interface is disabled. You must enable it via CLI to access the management web UI. For more information, refer to KB article [How can I configure web-management using CLI.](#)

What's New

This release provides fixes for previously reported issues and the following enhancement:

- Added support for migrating to the SonicOS 7.1.2-7019 and SonicOS 7.0.1-5161 firmware versions.

Resolved Issues

Issue ID	Issue Description
DEVT-3269	Issue: Static Route policies getting duplicated upon editing in SonicOS 7.X.X for settings migrated from older generations. Fix: Added translation logic to tune static route policies for editing behavior change in SonicOS 7.

Known Issues

Issue ID	Issue Description
DEVT-3275	Issue: Migration Tool doesn't list target devices when accessed via MySonicwall on Safari. Workaround: When using Safari browser, access the tool by visiting https://migratetool.global.sonicwall.com .
DEVT-3210	Issue: Management UI not accessible after migrating settings from Watchguard Firebox to Sonicwall. Workaround: HTTPS management is not configured by default; the user must configure it using the SonicOS CLI for the third-party to SonicWall migrations.
DEVT-3281	Issue: Empty Address Groups get migrated without any Error or warning.

Additional References

Not Applicable.

Version 4.36.0

October 2024

Important

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Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
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What's New

This release provides fixes for previously reported issues and the following enhancement:

- Added support for migrating to the SonicOS 7.1.1-7058 firmware version.

Resolved Issues

Issue ID	Issue Description
DEVT-3209	Issue: Error "IPv6 Interface number: Prefix of this IPv6 address is advertised on another interface" in Migration Tool version 4.35.3. Fix: Fixed issues migrating IPv6 routing prefix advertisement when migrating with interface remapping.

Known Issues

Not Applicable.

Additional References

Not Applicable.

Version 4.35.4

April 2024

Important

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Compatibility and Installation Notes

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SonicWall firewalls is provided in the KB article, [Can Settings be Exported/Imported from One SonicWall to Another?](#) Refer to it for the most current information.

① **NOTE:** Migration Tool doesn't support SonicOS 7.1.1 release. Choose SonicOS 7.0.1-5145 firmware version as the target version of the migrated file in the Migration Tool and then upgrade to 7.1.1. For more information refer to KB article, [Migration Tool doesn't support target firmware of SonicOS 7.1.1.](#)

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What's New

This release provides fixes for customer reported issues.

Resolved Issues

Issue ID	Issue Description
DEVT-3165	Issue: Block uploading SonicWall configuration files where firmware version is greater than the latest supported target firmware version. Fix: Added an alert message when a user attempts to migrate from a version greater than the maximum supported version on the tool.
DEVT-3191	Issue: The message "Uploaded file is corrupted" is displayed when the uploaded pref contains the zone name using Japanese characters. Fix: Fixed migration failures when there are non-English characters in the zone names.

Issue ID	Issue Description
DEVT-3192	Issue: Key error in code causing intermittent migration failure. Fix: Fixed the intermittent failures in migration when the "Drop default NAT policies" option is selected.
DEVT-3193	Issue: Routes related to VPN Tunnel Interfaces have incorrect/random interfaces assigned after migration. Fix: Fixed the issue of VPN Routing Rules mismatch when dropping interfaces during migration.

Known Issues

Issue ID	Issue Description
DEVT-3209	Error "IPv6 Interface number: Prefix of this IPv6 address is advertised on another interface" in Migration Tool version 4.35.3.

Version 4.35.3

January 2024

Important

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① **NOTE:** Migration Tool doesn't support SonicOS 7.1.1 release. Choose SonicOS 7.0.1-5145 firmware version as the target version of the migrated file in the Migration Tool and then upgrade to 7.1.1. For more information refer to KB article, [Migration Tool doesn't support target firmware of SonicOS 7.1.1](#).

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Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
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What's New

This release provides fixes for customer reported issues.

Resolved Issues

Issue ID	Issue Description
DEVT-3045	Issue: An error shows when trying to finish the download second time in the Migration Tool. Fix: Fixed the error reporting for failures due to session timeout.
DEVT-3141	Issue: IP helper policies are missing after using Migration tool. Fix: Fixed the issue for the settings migrated from the older generation to Gen7, if there are some IP helper policies with missing protocol information (as there was no strict checking in the past) - such policies will be dropped during migration as Gen7 requires the protocol details.
DEVT-3146	Issue: Unbound local variable in translate advanced routing function causing internal serve error. Fix: Fixed unbound access causing failures while migrating advanced routing rules.

Issue ID	Issue Description
DEVT-3147	Issue: Unbound local variable in decode function causing internal serve error. Fix: Fixed unbound access causing failures while migrating in decode function.
DEVT-3159	Issue: An error shows "Uploaded file is corrupted" while uploading a configuration file to the Migration Tool. Fix: Fixed front end issues with migration of settings containing non-English characters in comments.
DEVT-3160	Issue: Translation of WLAN VLAN interfaces are overwritten by VLAN translation. Fix: Fixed issues with VLAN and WLAN VLAN corruption during migration.

Known Issues

Issue ID	Issue Description
DEVT-3123	MT processed settings couldn't be successfully booted.
DEVT-3165	Block uploading SonicWall configuration files where firmware version is greater than the latest supported target firmware version.

Version 4.35.2

October2023

Important

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Zone	X	X	X	X	X	X
Access Rule	X	X	X	X	X	X
Network Object	X	X	X	X	X	X
Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
VPN	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported

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What's New

This release provides fixes for previously reported issues and the following enhancements:

- Supports SonicOS 7.0.1-5145 firmware version.

Resolved Issues

Issue ID	Issue Description
DEVT-3024	Issue: Migrating from Gen7 physical devices to Gen7 NSv devices are failing with an error "Global mode firewall importing policy mode settings file." Fix: Fixed migrating issues between Gen7 physical devices and Gen7 NSv appliances.
DEVT-3092	Issue: Invalid priorities (ranks) are given to iface's in fail over and lb. Fix: Fixed the issue of load balancing and fail over ranks/priorities mismatches during migration.
DEVT-3115	Issue: Character Set encoding issue for non-English characters during migration. Fix: Fixed issues with the migration of settings containing non-English characters.

Additional References

Issue ID	Issue Description
DEVT-3123	Migration Tool shows a blank message "migratetool.global.sonicwall.com".
DEVT-3087	Placeholder for higher Gen6 NSa devices to Gen7 TZ devies migration.

Version 4.35.1

September 2023

Important

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Access Rule	X	X	X	X	X	X
Network Object	X	X	X	X	X	X

Feature	Checkpoint	Cisco	Fortinet	Palo Alto	Sophos	Watchguard
Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
VPN	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported

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What's New

This release provides the fixes for previously reported issues.

Resolved Issues

Issue ID	Issue Description
DEVT-3124	<p>Issue: Bandwidth Management object and policy settings resulting in internal server errors.</p> <p>Fix: Fixed back end failures to process Bandwidth Management settings resulting in internal server errors.</p>
DEVT-3137	<p>Issue: Unable to import settings from GEN 7 to GEN 7 after settings have been processed by the Migration tool previous release.</p> <p>Fix: Fixed the processing policy-related settings that resulting import errors due to duplicate items in the generated settings file.</p>

Version 4.35.0

August 2023

Important

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① **NOTE:** Using the Migration Tool to upgrade from a SonicOS 5.9.x firewall to a 6.1.x is not supported at this time. Speak to your reseller or SonicWall Partner about SonicWall Professional Services.

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Status Route	Not supported	X	X	X	Not supported	X
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What's New

This release provides the fixes for previously reported issues and the following enhancements:

- Added support for SonicOS 7.0.1-10 version on Migration Tool.
- Added support migration from higher end firewalls to lower end firewalls.

Resolved Issues

Issue ID	Issue Description
DEVT-2710	<p>Issue: Bandwidth Management settings are not migrated to Gen 7 box in access rules for both IPv4 and IPv6.</p> <p>Fix: Added handling of Global Bandwidth Management settings while migrating from Gen 6 to Gen 7, as the feature is not supported on Gen 7. The following actions are taken if Global Bandwidth Management is enabled in the Gen 6 devices:</p> <ul style="list-style-type: none">• Action objects are dropped.• Access Rules, Bandwidth Management configurations are set to default.• App Rules, Bandwidth Management configurations are set to reset / drop.
DEVT-3023	<p>Issue: Migration tool toggling the Block and Log options for App Control and IPS.</p> <p>Fix: Fixed issues with App Control and IPS rules are getting toggled.</p>
DEVT-3078	<p>Issue: Third party device to Gen 7 Migration is not working.</p> <p>Fix: Fixed migration requirement checks for third party devices.</p>
DEVT-3091	<p>Issue: Finish button is grayed out when selecting firmware version in Migration Tool 4.34.0.</p> <p>Fix: Fixed interface mapping behavior for 1 to 1 mapping button.</p>
DEVT-3102	<p>Issue: Unable to upload third party device settings to migration tool.</p> <p>Fix: Fixed file corruption issue for third party device to SonicWall migration.</p>
DEVT-3114	<p>Issue: Migration Tool fails to convert configuration files exported from Japanese firmware.</p> <p>Fix: Fixed issues with migrating settings containing Chinese and Japanese characters.</p>

Version 4.34.0

June 2023

Important

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What's New

This release provides the fixes for previously reported issues and the following enhancements:

- Added an option to drop certificate-related settings.
- Added an alert message if there are custom management ports configured in the source settings.

Resolved Issues

Issue ID	Issue Description
DEVT-2763	Issue: Link aggregation configurations are not getting migrated from Gen6 to Gen7. Fix: Added support for migrating link aggregation - related settings.
DEVT-2788	Issue: No option to remove certificate related configuration. Fix: Added an option to drop certificate-related settings.
DEVT-2911	Issue: Syslog traffic sent in UTC time after migration. Fix: Fixed the issue with the syslog traffic time stamp being displayed in UTC.
DEVT-2927	Issue: Finish button grayed out during migration attempt in MacOS. Fix: Fixed the finish button being grayed out on MacOS due to compatibility.
DEVT-2936	Issue: Unable to migrate the settings for NSA devices using Migration Tool to remap to high speed interface. Fix: Allowed the translation of address objects containing zone names in the address object name.
DEVT-2974	Issue: "For NSa 5700 - Unable to migrate setting for an interface containing VLAN to a different interface" Fix: Fixed parsing of advance routing settings while migrating from Gen7 to Gen7.
DEVT-2980	Issue: Custom HTTPS Management port - Can the Migration Tool show an alert or message Fix: Added an alert message if there are custom management ports configured in the source settings.
DEVT-2995	Issue: Settings from NSa 5600 to NSa 5700 via Migration tool are not being retained on NSa 5700. Fix: Fixed the migration of VLANs and WLAN-dependent settings.
DEVT-3004	Issue: VLANs of WLAN tunnel interfaces are not getting migrated. Fix: Added the translation logic for migrating settings related to WLAN and VLANs.
DEVT-3044	Issue: Uploading source exp as Gen6 NSv shows non-existing models NSA E6600 and NSA E5600 in Select Target Product. Fix: Fixed the typo in the device name for NSa 5600 and NSa 6600.
DEVT-3049	Issue: Migration Tool shows a blank message - migratetool.global.sonicwall.com. Fix: Fixed the migration failures caused by firmware version checks.
DEVT-3050	Issue: Unable to import file from Migration Tool. Fix: Fixed the migration of VPN policies.

Issue ID	Issue Description
DEVT-3059	Issue: Unable to migrate Fortinet platform settings into Sonicwall GEN7 TZ470. Fix: Fixed the file upload issue for Fortinet and Palo Alto platform configurations.

Known Issues

Issue ID	Issue Description
DEVT-3024	Migrating from Gen7 physical devices to Gen7 NSv devices is failing with the error "Global mode firewall importing policy mode settings file". Workaround: Contact support via web ticket with the source files to facilitate in the migration.
DEVT-3078	Third party device (5.9 firmware) to GEN7 migration is not working. Workaround: Contact support via web ticket with the source files to facilitate in the migration.
DEVT-3102	Unable to convert Fortinet and Sophos settings using migration tool. Workaround: Contact support via web ticket with the source files to facilitate in the migration.

Additional References

DEVT-3066

Version 4.33.0

March 2023

Important

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Feature	Checkpoint	Cisco	Fortinet	Palo Alto	Sophos	Watchguard
Zone	X	X	X	X	X	X
Access Rule	X	X	X	X	X	X
Network Object	X	X	X	X	X	X
Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
VPN	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported

- ① **IMPORTANT:** SonicWall does not fully test all features for all third-party devices. To minimize migration issues be sure to test the migrated setting in your test environment before deploying to production.

What's New

This release provides the following enhancements:

- Supports SonicOS 7.0.1-5111 firmware
- Added support-matrix rules for SonicWall TZ350 and TZ350W models

Resolved Issues

No resolved issues, besides the enhancements noted above, have been identified for this release.

Known Issues

No known issues have been identified for this release

Version 4.32.0

February 2023

Important

Settings can be exported from one firewall to another, but not every SonicWall model is compatible with all others. Similarly, some firmware versions are not compatible with subsequent versions as new features get added or as changes are made to existing features. Understand the compatibility described in the following section to avoid possible corruption from importing unsupported settings.

Compatibility and Installation Notes

SonicOS 6.5.1.3 is the minimum version supported for importing settings to a firewall running SonicOS 7. If you try to migrate from an older version of SonicOS, it becomes a two-step process. Update the firewall to SonicOS 6.5.1.3 or higher. Then use the migration tool to create the settings file to import to the SonicOS 7 firewall.

Certain settings such as Global Bandwidth Management, Virtual Assist, Content Filter Client Enforcement, and others cannot be imported into SonicOS 7. A detailed matrix showing the compatible Source and Destination SonicWall firewalls is provided in the KB article, [Can Settings be Exported/Imported from One SonicWall to Another?](#) Refer to it for the most current information.

① **NOTE:** The Migration Tool does not support firewalls running SonicOS with Policy Mode. This includes any of the NSv Series devices that are running Policy Mode and the NSsp 15700.

① **NOTE:** Using the Migration Tool to upgrade from a SonicOS 5.9.x firewall to a 6.1.x is not supported at this time. Speak to your reseller or SonicWall Partner about SonicWall Professional Services.

The SonicWall Migration Tool allows you to migrate some settings from third-party vendors. In the following table, the X indicates which settings can be migrated for each vendor and which are not supported at this time.

Feature	Checkpoint	Cisco	Fortinet	Palo Alto	Sophos	Watchguard
Zone	X	X	X	X	X	X
Access Rule	X	X	X	X	X	X
Network Object	X	X	X	X	X	X

Feature	Checkpoint	Cisco	Fortinet	Palo Alto	Sophos	Watchguard
Status Route	Not supported	X	X	X	Not supported	X
Service	X	X	X	X	X	X
NAT	X	X	Not supported	X	Not supported	X
VPN	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported

① **IMPORTANT:** SonicWall does not fully test all features for all third-party devices. To minimize migration issues be sure to test the migrated setting in your test environment before deploying to production.

What's New

This release provides enhancements and fixes for previously reported issues.

- Support for SonicOS 7.0.1-5095 firmware
- Validation checks for source firmware version compatibility (for example, source version \geq minimum supported version)
- Validation checks for target devices as defined in the [Export/Import Support Matrix](#)

Resolved Issues

Issue ID	Issue Description
DEVT-2934	The Migration Tool does not have SonicOS 7.0.1-5095 as one of its target versions.

Known Issues

Issue ID	Issue Description
DEVT-2994	User created a configuration file from a Gen6 device to use on a Gen7 device. After configuring the Gen7 device with the file, which included using the Floor Plan feature, intermittent re-boots occurred. Workaround: Prior to using the Migration Tool delete the Floor Plan setting from the Gen6 firewall. Export the settings file and generate your migration file via the Migration Tool. Import the new configuration file into the Gen7 device. Then configure the Floor Plan option manually.
DEVT-2986	The Migration Tool currently doesn't permit migration from TZ350 to a Gen7 device. This is targeted for a future release.
DEVT-2936	The Migration Tool does not support the migration of Interface Mapping settings at this time.

Issue ID	Issue Description
DEVT-2911	After the migration, syslog traffic is being sent in UTC time. Contact SonicWall Support for assistance to resolve this issue.

SonicWall Support

Technical support is available to customers who have purchased SonicWall products with a valid maintenance contract.

The [Support Portal](#) provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year.

The [Support Portal](#) enables you to:

- View [Knowledge Base articles](#) and [Technical Documentation](#)
- View and participate in the [Community Forum](#) discussions
- View [Video Tutorials](#)
- Access [MySonicWall](#)
- Learn about [SonicWall Professional Services](#)
- Review [SonicWall Support services and warranty information](#)
- Register at [SonicWall University](#) for training and certification

About This Document

① | **NOTE:** A NOTE icon indicates supporting information.

① | **IMPORTANT:** An IMPORTANT icon indicates supporting information.

① | **TIP:** A TIP icon indicates helpful information.

⚠ | **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

⚠ | **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.

Migration Tool Release Notes

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