Migration Tool 4.35.3

Migration Tool User Guide

SONICWALL®

Contents

1

About the Guide

This User Guide provides instructions for users to use Migration Tool to migrate settings from an existing configuration of your SonicWall Product Series systems, enabling the creation of a new settings file that can be imported onto the target SonicWall Product Series systems.

This User Guide also provides information about importing new configuration settings to an appliance running latest versions. See Supported Platforms and Knowledge Base Articles for Migrating for details about the supporting models, firmware versions supported, and Importing Configuration Settings for steps to import the setting file.

Topics:

Guide Conventions

The conventions used in this guide are as follows:

GUIDE CONVENTIONS

Convention	Use
Bold	Highlights dialog box, window, and screen names. Also highlights buttons. Also used for file names and text or values you are being instructed to type into the interface.
Italic	Indicates the name of a technical manual. Also indicates emphasis on certain words in a sentence. Sometimes indicates the first instance of a significant term or concept.

2

Supported Platforms

The following are the supported platforms and versions.

PLATFORM	VERSIONS
SonicWall	GEN5: SOHO, SOHOW
	GEN6: TZ, NSA, SuperMassive, NSsp, NSv Series

NOTE:

1. When migrating from SonicWall Gen6 Firewall to Gen7 Firewall, use the latest release of SonicOS 7 available on the MySonicWall Portal.
2. All physical-to-physical SonicWall product Series device migration supports according to the support matrix, refer to Export/Import Support Matrix, excepts NSsp 15700 device since it runs on Policy Mode.
3. SonicWall Gen5 Firewall to Gen7 Firewall migration is only supported for SOHO devices.
4. Certificates and Licenses migration is not supported.
5. 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 does't support target firmware of SonicOS 7.1.1.

3

Knowledge Base Articles for Migrating

IMPORTANT: Be sure to review the following Knowledge Base articles before upgrading your devices.

1. Can Settings be Exported/Imported from one SonicWall to Another? (Support Matrix)
2. How to Create Gen 7 Settings File by Using the Online Migration Tool
3. Migration Tool does't support target firmware of SonicOS 7.1.1

4

Using Migration Tool

SonicWall created the Migration Tool version 4.35.3 to help users migrate configuration settings from an existing firewall, enabling the creation of a new settings file that can easily be imported into a new firewall.

Topics:

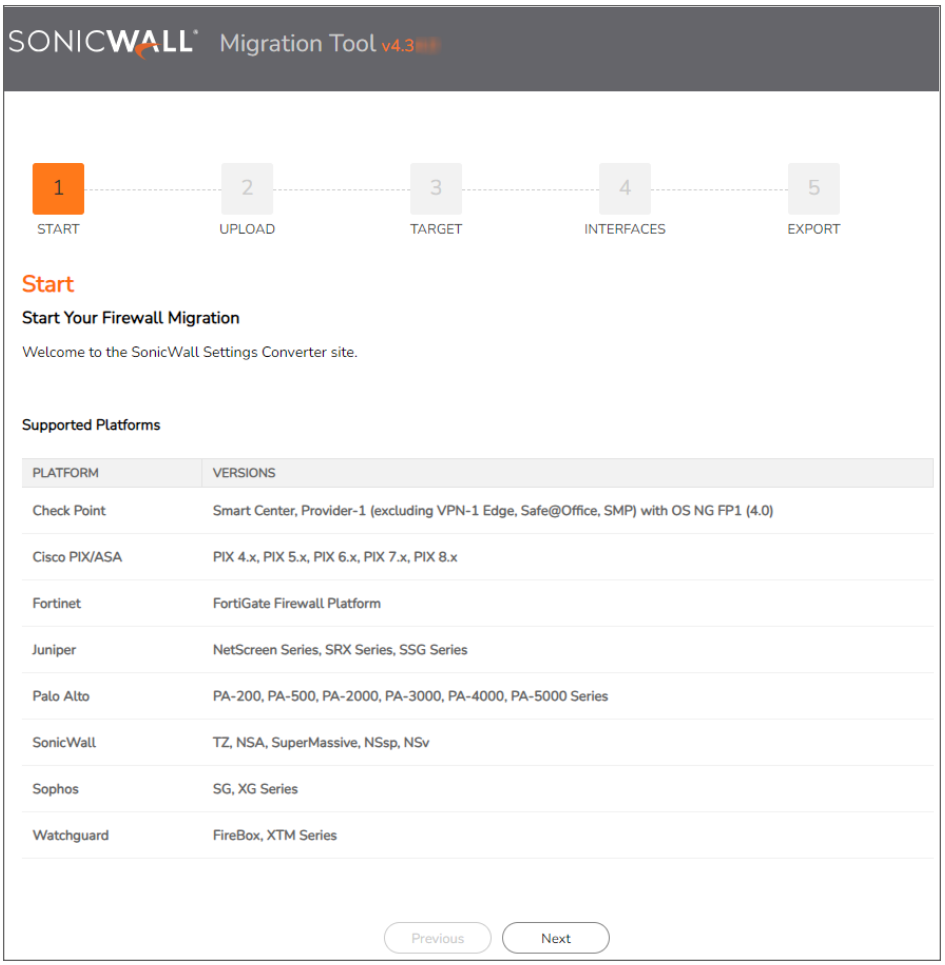
Exporting a Copy of your Current Configuration Settings

Before beginning the migration process, export a copy of your SonicWall Product Series systems configuration settings to your local machine. The export configuration option saves a copy of the current configuration settings, protecting all your existing settings if it becomes necessary to return to a previous configuration state.

For example: The default settings file is named sonicwall-TZ 570--xxxx-xx-xxxxx_xx_xx.xxxZ.exp (where TZ 570--xxxx-xx-xxxxx_xx_xx.xxx is the time of the export from the appliance).

Starting your Firewall Migration

Ensure the supported platforms and versions before starting your firewall migration via SonicWall Migration Tool.



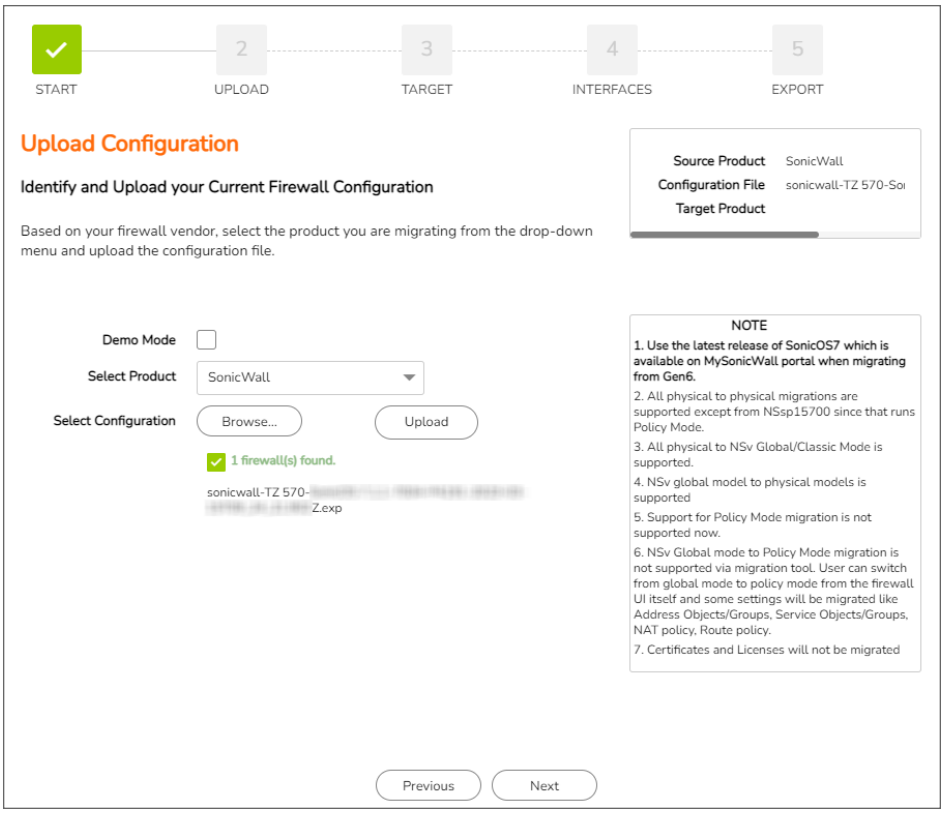
Settings can be exported from one firewall to another, but not every SonicWall model is compatible with all others. Similarly, some firmware versions are not compatible with subsequent versions as new features were added or changes were made to existing features. Refer to Supported Platforms and Importing Configuration Settings sections to help avoid possible settings corruption from unsupported settings imports.

Uploading Configuration

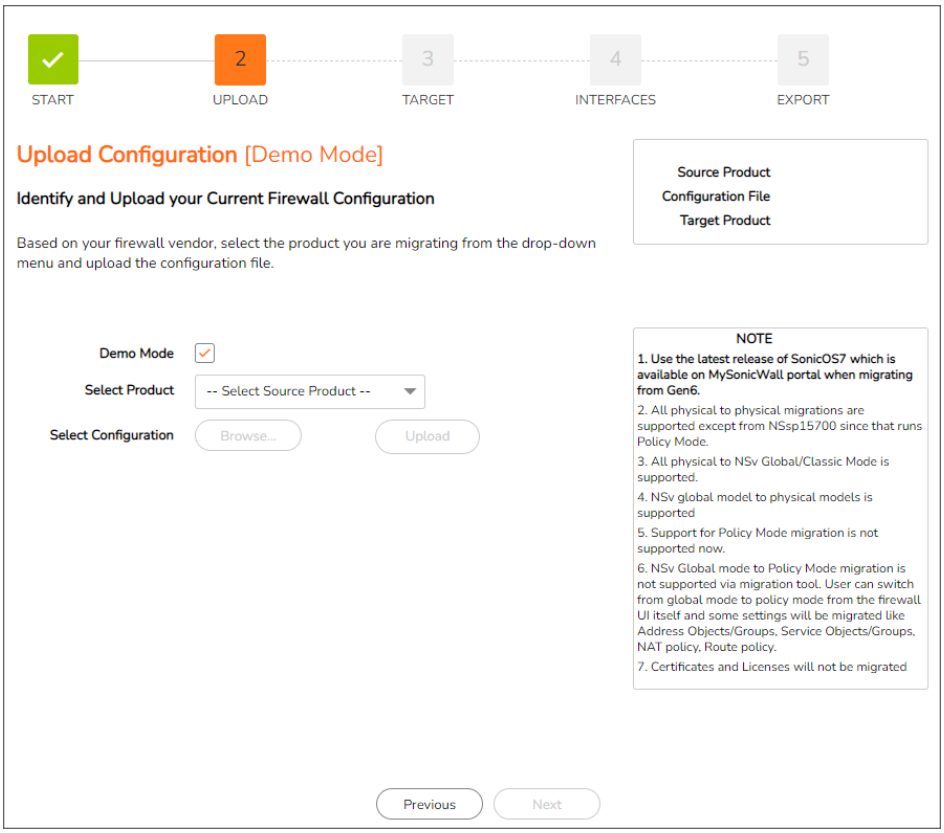
The following are the steps to identify and upload your current Firewall configuration.

1. Based on your firewall, select the product as **SonicWall** or any of your source product to migrating from the **Select Product** drop-down menu.
2. On **Select Configuration**, click **Browse...** and select your settings file from your local machine. Refer to Exporting a Copy of your Current Configuration Settings.
3. On **Select Configuration**, click **Upload** for uploading your settings file and ensure the file is found by the tool.

4. Click **Next**.


START
2
UPLOAD
3
TARGET
4
INTERFACES
5
EXPORT
Upload Configuration
Identify and Upload your Current Firewall Configuration
Based on your firewall vendor, select the product you are migrating from the drop-down menu and upload the configuration file.
Source Product SonicWall
Configuration File sonicwall-TZ 570-So
Target Product
Demo Mode
Select Product SonicWall
Select Configuration Browse... Upload
1 firewall(s) found.
sonicwall-TZ 570-
Z.exp
NOTE
1. Use the latest release of SonicOS7 which is available on MySonicWall portal when migrating from Gen6.
2. All physical to physical migrations are supported except from NSsp15700 since that runs Policy Mode.
3. All physical to NSv Global/Classic Mode is supported.
4. NSv global model to physical models is supported
5. Support for Policy Mode migration is not supported now.
6. NSv Global mode to Policy Mode migration is not supported via migration tool. User can switch from global mode to policy mode from the firewall UI itself and some settings will be migrated like Address Objects/Groups, Service Objects/Groups, NAT policy, Route policy.
7. Certificates and Licenses will not be migrated
Previous
Next

5. For Demo Mode, select the check box **Demo Mode** and follow steps 1 to 4 again.

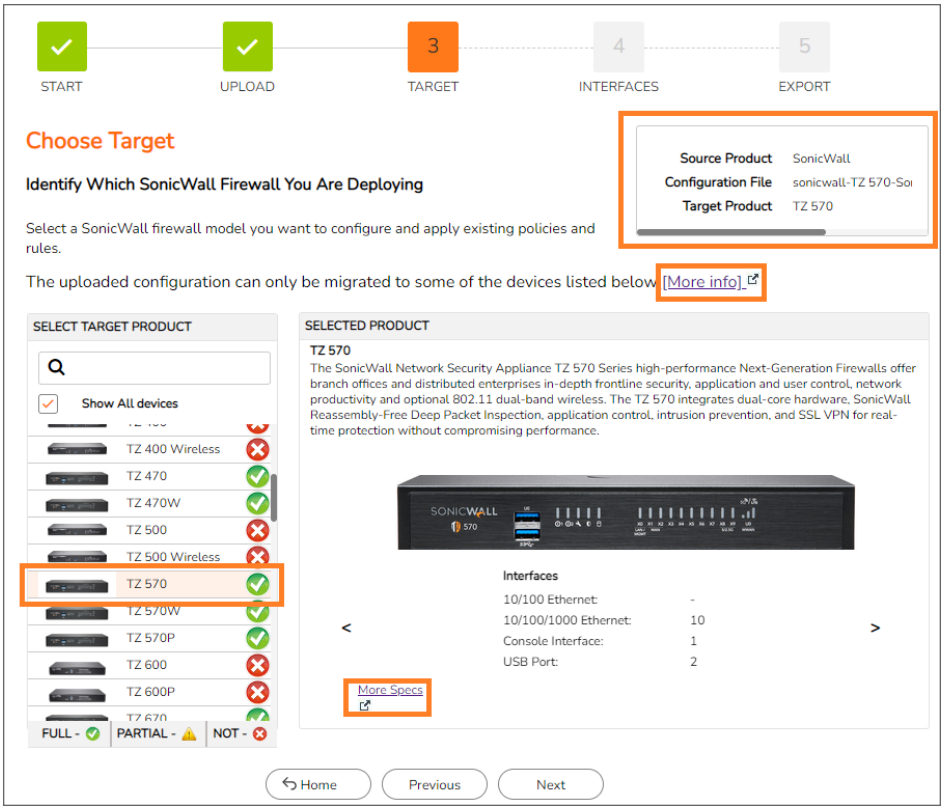


Choosing Target Product

Select a SonicWall firewall model you want to configure and apply the existing policies and rules. The following are the steps to identify which target firewall product or SonicWall firewall for deploying.

1. Choose the target product from the **Select Target Product** list.
   ⓘ | **NOTE:** select the check box **Show All devices** will show you all the list of target product.
2. The following warnings helps you to select the product based on your requirement.
   a. FULL - ✓ – selected product can be migrated fully.
   b. PARTIAL - ⚠ – The partial migration represents that there are limitations, some of the settings may get dropped/ignored due to the interface limitation.
   c. NOT - ✗ – selected product not supported for migration.
3. Make sure the summary of Source Product, Configuration File, Target Product and click **More info** to get information on the uploaded configuration supported devices list.

4. Make sure the Selected Product, Product description, and Specification, click **More specs** for more information on the specification and about selected product.
5. Click **Next**.

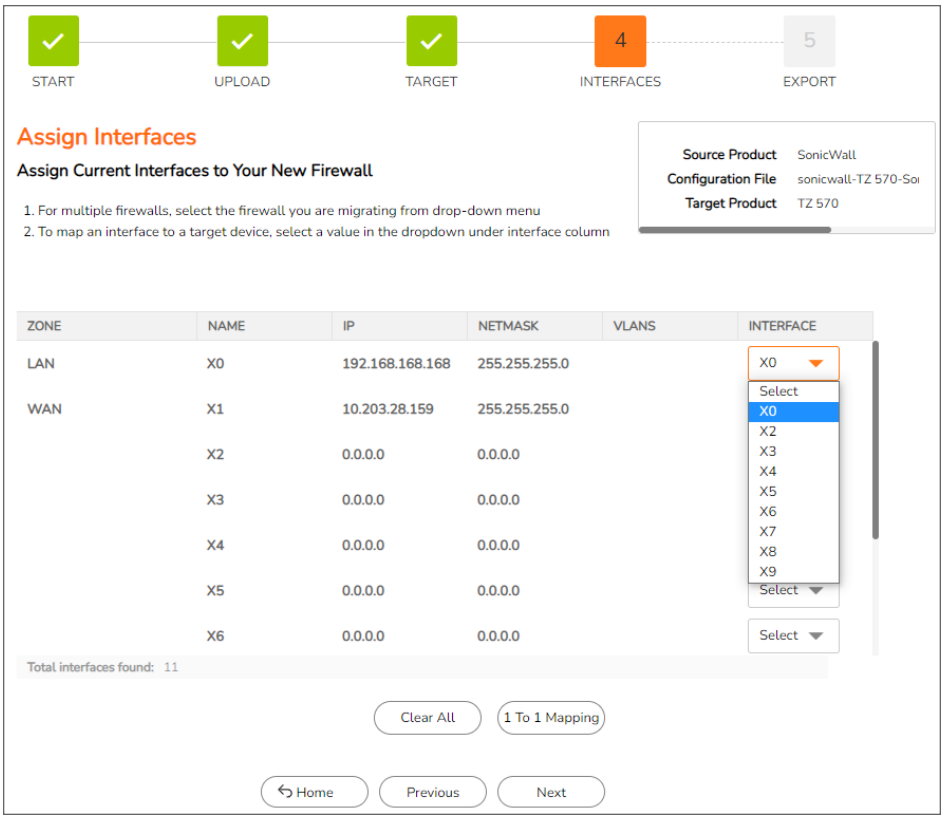


Assigning Interfaces

Assigning current interfaces to the target firewall. The following are the steps to map your existing interfaces to the preferred interfaces.

1. Select the interfaces from **Interface** drop-down menu to map the interfaces to target device.
   ⓘ | **NOTE:** For multiple firewalls, select the firewall you are migrating from drop-down menu.
2. Click **1 To 1 Mapping**, if user want to use same interfaces to the target firewall.
   ⓘ | **NOTE:** It is recommended to use **1 To 1 Mapping** under assigned interfaces.

3. Click **Next**.



ⓘ | **NOTE:** Any unmapped interfaces will be dropped.

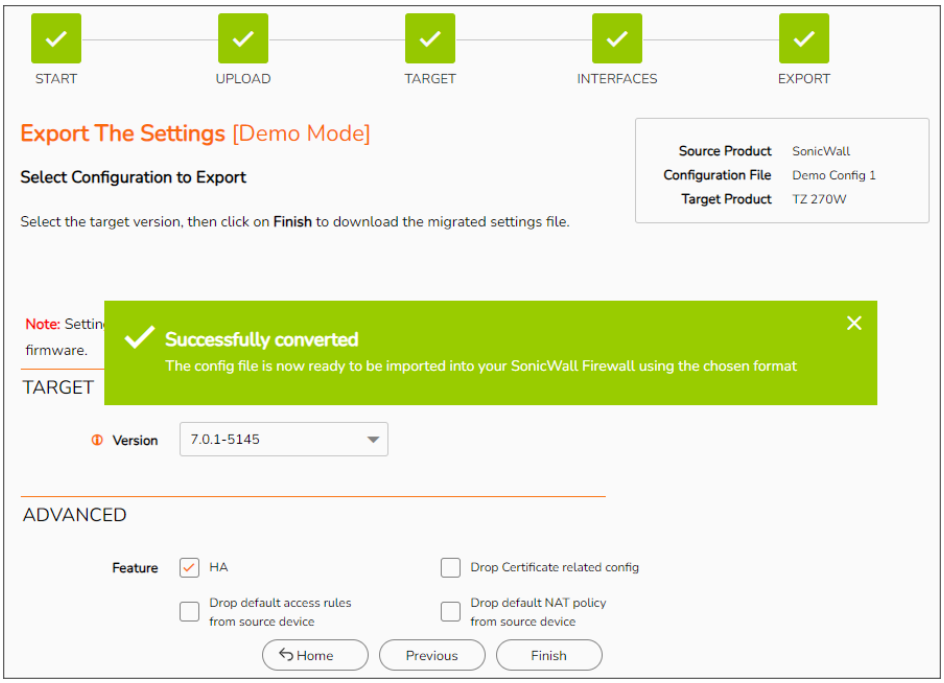
Downloading New Configuration Settings

Select configuration to download by choosing the target version. The following are the steps to select the target version.

1. Select the target version for the new settings file from **Version** drop-down menu, under **Target** section.
   ⓘ | **NOTE:** Settings from a higher firmware version cannot be imported into a lower version of firmware.
2. Under **Advanced** section, select the following features.
   a. By default **HA** feature will be selected.
   b. Select the **Drop default access rules from source device** to only migrate custom access rule from source exp file.
   c. Select the **Drop Certificate related configuration** to only migrate certificate related configuration from source exp file
   d. Select the **Drop default Nat policy from source device** to only migrate Nat policy from source exp file.

3. Click **Finish**. The migrated new settings file will be downloaded to your local machine.

ⓘ **NOTE:** A pop-up notification appears if the configuration file successfully converted and ready to be imported into your target firewall.



5

Importing Configuration Settings

You can import configuration settings from one firewall to another firewall, which can save a lot of time when replacing an older firewall with a newer model. This feature is also useful when you need multiple appliances with similar configuration settings. The following are the steps to import your new configuration settings

1. Register the Target Firewall, download the latest firmware version and upgrade the firmware to the latest firmware version.

   NOTE: It is recommended to factory default the Target Firewall before importing the configuration file (not required if the device is out of the box).

2. Upload the newly created settings file into your Target Firewall.
   For example: For SonicOS devices, navigate to **Device** > **Settings** > **Firmware and settings**, select **Import Configuration** to import configuration.
3. Click **Import**.

6

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. To access the Support Portal, go to https://www.sonicwall.com/support.

The Support Portal enables you to:

- View knowledge base articles and technical documentation
- View and participate in the Community forum discussions at https://community.sonicwall.com/technology-and-support.
- View video tutorials
- Access https://mysonicwall.com
- Learn about SonicWall Professional Services at https://sonicwall.com/pes.
- Review SonicWall Support services and warranty information
- Register for training and certification
- Request technical support or customer service

To contact SonicWall Support, visit https://www.sonicwall.com/support/contact-support.

About This Document

Migration Tool Migration Tool User Guide
Updated - January 2024
Software Version - 4.35.3
232-006033-00 Rev E

End User Product Agreement

To view the SonicWall End User Product Agreement, go to: https://www.sonicwall.com/legal/end-user-product-agreements/.

Open Source Code

SonicWall Inc. is able to provide a machine-readable copy of open source code with restrictive licenses such as GPL, LGPL, AGPL when applicable per license requirements. To obtain a complete machine-readable copy, send your written requests, along with certified check or money order in the amount of USD 25.00 payable to "SonicWall Inc.", to:

General Public License Source Code Request
Attn: Jennifer Anderson
1033 McCarthy Blvd
Milpitas, CA 95035