



CONFIGURATION MIGRATION TOOL

# FortiConverter Release Notes

**VERSION 5.5.0 Build 0430**

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FortiConverter 5.5.0 Build 0430 Release Notes

1st Edition

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# Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter 5.5.0, build 0430.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks, McAfee (Sidewinder and Stonesoft), Trend Micro, and Alcatel-Lucent Brick configurations. FortiConverter can also convert Snort IPS rules to custom signatures.

FortiConverter 5.5.0 continues to enhance browser/server based applications, in addition to the legacy application. Designed as a web application, its database allows conversions to be saved and supports large source-firewall configurations. This, and the new GUI, is intended to improve usability and provide a framework for new functionality.

Two installers are available on the support site:

- `FortiConverterSetup_5.5.0_Build0430.exe` is the legacy application.
- `FortiConverterSetup_5.5.0_Build0430.py.exe` is the new application.

Both the legacy and new applications use the same license key and should be installed on the same host.

The FortiConverter 5.5.0 new application supports the Check Point and Juniper conversions, Cisco ASA, PIX and FWSM conversions, and FortiGate configuration viewer. Use the 5.5.0 legacy application for all other supported conversions.

For all conversions, you can complete a conversion and view the results in the tuning page. All other functionality is disabled until you upload the full license. In most cases, this limited functionality is sufficient to allow you to evaluate the product.



If the license isn't renewed when it expires, functionality reverts to the trial version.

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For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

## What's new

This release contains following new features and enhancements.

- FortiConverter now features new applications for Check Point and Juniper conversions. These conversions have been removed from the legacy application.
- Enhanced Central NAT feature for new application to simplify NAT configuration conversion.
- Supports FOS v6.0.
- Added a conversion option to eliminate auto grouped items from Cisco ASDM/CSM.
- Added a conversion option to combine auto expanded multi-object policy from Cisco ASDM/CSM.
- Supports firewall policy order adjustment for tuning page.
- Supports SonicWALL IPSEC VPN conversion.

## System requirements

FortiConverter is tested to run on the following Microsoft Windows platforms:

- Microsoft Windows 10
- Microsoft Windows 8 (64-bit)
- Microsoft Windows 7 (64-bit)
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012

If your Windows or Windows Server version is not listed above, contact FortiConverter support at [fconvert\\_feedback@fortinet.com](mailto:fconvert_feedback@fortinet.com).

## Supported versions and conversions

Unless noted as an exception below, conversions only support IPv4 unicast policy.

Vendor	Models	Versions	Convertible objects
<b>Check Point</b>	SmartCenter	NG FP1 (4.0) to NGX R80	Addresses & Address Groups Interfaces Local Users & Groups NAT Negate Cell Policies (rulebases.fws) RADIUS, TACACS+, & LDAP Rules Schedules Services & Service Groups Static routes VPN (IPSec)
	Provider-1	NGX R65 to R80	
<b>Cisco</b>	PIX	5.x/6.x/7.x/8.x	ACLs Addresses & Address Groups DHCP Servers DNS Servers Interfaces IP Pools Local Users & Groups NAT RADIUS, TACACS+, & LDAP
	ASA	7.x/8.x/9.x	
	FWSM	3.x/4.x	
	IOS	10.x to 12.x 15.x	
	IOS XR	4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies
	Nexus	5.2, 6.x, 7.x	Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Juniper	SSG/ISG	ScreenOS 4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces Static Routes Services & Service Groups Policies VIPs/MIPs NAT IP Pools VPN Local Users & Groups RADIUS & LDAP Zones
	SRX	Junos OS 10.x to 18.x	Addresses & Address Groups & FQDNs DHCP Servers & Client & Relay Interfaces IP Pools Local Users & Groups NAT Policies RADIUS & LDAP Services & Service Groups Static Routes VIPs/MIPs VPN Zones
	MX	Junos OS 10.x to 12.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
<b>McAfee</b>	Sidewinder	7.x, 8.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes
	Stonesoft	5.7	Addresses & Address Groups Interfaces Policies Services & Service Groups Static Routes
<b>Palo Alto Networks</b>	PA	PAN-OS 1.x to 8.x	Addresses & Address Groups & FQDNs Interfaces Local Users & Groups NAT Policies Schedules Static Routes Services & Service Groups Zones

Vendor	Models	Versions	Convertible objects
<b>SonicWall</b>	TZ Series	SonicOS 4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces Local Users & Groups NAT Policies Schedules Services & Service Groups Static Routes Zones VPN (IPSEC site to site)
	NSA Series		
<b>Tipping Point</b>	IPS	4.5	Addresses & Address Groups  Policies  Services & Service Groups

## Exceptions:

- Check Point to FGT conversion can support IPv4 multicast policy.
- Check Point, Cisco, and Juniper (Junos only) to FGT conversion can support IPv6 unicast policy.

# Upgrading

The legacy application for FortiConverter has no special upgrade requirements. You can overwrite an existing installation with a different version.

Upgrading only requires the version and build number.

For additional support, please contact [fconvert\\_feedback@fortinet.com](mailto:fconvert_feedback@fortinet.com).

## Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please email FortiConverter support at [fconvert\\_feedback@fortinet.com](mailto:fconvert_feedback@fortinet.com).

Bug ID	Description
423130	Incorrect parsing of Juniper SRX security zones.
434129	Juniper Junos SRX - Static Routes not Converting.
435334	Support interface auto calculation for Cisco ASA global acl conversion.
452437	Check Point NAT conversion issues.
459808	Support Juniper SRX routing-instance conversion.
472287	Support policy re-arrange in tuning page.
476004	Cisco ASA post 8.3 NAT translations not getting picked up.
476629	Convert section title from Cisco CSM managed firewall, to FGT global label.
476998	Cisco ASA 8.2 conversion cannot generate IP pool objects.
480480	Replace inner double quote (") with hyphen (-) within FOS comment field.
483362	Juniper SRX to FGT source nat and double nat merge issues.
484986	Juniper SRX DNAT with port forwarding not converted.
494221	Support PAN static route with "no-install" option.
494364	Conversion exception by adopting Central NAT Feature and FortiOS v5.6 as output version.
495852	Cisco ASA 9.x NAT conversion issue.
496343	FGT configuration viewer issues - FOS version CLI compatibility.
497244	Support PAN OS version 8.1 configuration conversion.
500202	Support McAfee 8.2.1P05 conversions.
505990	Renaming logical interfaces not working.
506224	FortiConverter - Cisco Conversion incorrectly applying NAT's
509111	Support IPv6 for Cisco ASA conversion.
512000	The Cisco dynamic NAT is not converted

## Known issues

Every known bug is not included in this list. For questions about a particular bug, please email FortiConverter support at [fconvert\\_feedback@fortinet.com](mailto:fconvert_feedback@fortinet.com).

Bug ID	Description
503057	Tipping Point conversion can't import standard backup package.
502064	Cisco conversion should be able to generate CSV files for acl and nat rules.
435526	Juniper Junos SRX - BGP Routing Protocol Conversion.
435354	Cisco ASA IPSEC VPN ACL conversion bug.

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