



FortiNAC - Release Notes

Version F 7.2.0

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November 10, 2022

FortiNAC F 7.2.0 Release Notes

49-922-769106-20211216

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Change log

Date	Change description
November 15, 2022	Initial release.

Overview of Version F 7.2.0

FortiNAC F 7.2.0 implemented an infrastructure change to provide a foundation for the future of the product. It changed the underlying operating system, from CentOS, to a system similar to FortiOS, as CentOS will be end-of-life. The new OS is named FortiNAC-OS in the documentation.

FortiNAC F 7.2.0 replaced the database, MySQL, to MariaDB.



This change applies to freshly installed F 7.2 systems. If the system is upgraded from a 9.x system using the .bin file, the operating system and the database remain CentOS and MySQL.

FortiNAC F 7.2.0 also updated its persistent agent, device support and user interface.

- Build number: 0035

Notes

- Starting from 9.1.0, FortiNAC uses a new GUI format. FortiNAC cannot go backwards to a previous version. Snapshots should always be taken on virtual appliances prior to upgrade.



Post 9.4, FortiNAC re-versioned. The first release after re-versioning is F 7.2.0. Hence, the order of releases is:

FortiNAC 9.1 > FortiNAC 9.2 > FortiNAC 9.4 > FortiNAC F 7.2.0

- Prior to upgrading, review the FortiNAC Known Anomalies posted in the [Fortinet Document Library](#).
- If using agents or configured for High Availability, additional steps may be required after upgrade for proper functionality. See [Upgrade Instructions and Considerations](#) posted in the Fortinet Document Library.
- For upgraded FortiNAC devices running CentOS, use the sysinfo command; for newly deployed FortiNAC F 7.2+, issue `get system status` within the admin CLI.
- To review software version information via CLI:
Appliances running on CentOS: type `sysinfo`
Appliances running on FortiNAC-OS: type `get system status`
- For upgrade procedure, see [Upgrade Instructions and Considerations](#) posted in the Fortinet Document Library.

Supplemental Documentation

The following can be found in the [Fortinet Document Library](#).

- FortiNAC Release Matrix

Version Information

These Release Notes contain additional Enhancements, Device Support, and features. Unique numbering is used for the various components of the product. The software version and Agent version supplied with this release are listed below.

Version: F 7.2.0

Agent Version:

- MacOS — 10.7.0.2
- Windows — 9.4.0.98



Agents ship independent of product. For the latest Agent release notes, please see the [FortiNAC 9.4.0 Agent Release Notes](#).

A newer Persistent Agent may be required to support certain antivirus and anti-spyware products. Refer to the Agent Release Notes in the [Fortinet Document Library](#).

Firmware version represents a collection of system services and operating system features imaged on to the appliance before it leaves manufacturing. The firmware image cannot be updated by a Fortinet customer. Services within the image are updated by Fortinet or a certified Fortinet Partner in appliance maintenance packages released as new more robust and secure versions of services become available.

Note: Upgrading software versions does not change firmware nor does it automatically require an upgrade to the Persistent Agent. Newer Persistent Agents are not compatible with older software versions unless that capability is specifically highlighted in the corresponding release notes.

Hardware support



FortiNAC-OS is supported on legacy hardware.

This section lists the hardware models supported by FortiNAC 7.2 F.

- FortiNAC-CA-500F: FN500F
- FortiNAC-CA-600F: FN600F
- FortiNAC-CA-700F: FN700F
- FortiNAC-M-550F: FN55MF

Compatibility

FortiNAC Product releases are not backwards compatible. It is not possible to go from a newer release to any older release.

Example: 7.2.0.0035 cannot be downgraded to any other release.

Agents

FortiNAC Agent Package releases 5.x are compatible with FortiNAC Product release F 7.2.0. Compatibility of Agent Package versions 4.x and below with FortiNAC F 7.2.0 is not guaranteed.

Web Browsers for the Administration UI

Many of the views in FortiNAC are highly dependent on JavaScript. The browser used directly impacts the performance of these views. It is recommended that you choose a browser with enhanced JavaScript processing.

Operating Systems Supported Without an Agent

Android	Apple iOS	Blackberry OS	BlackBerry 10 OS
Chrome OS	Free BSD	Kindle	Kindle Fire
iOS for iPad	iOS for iPhone	iOS for iPod	Linux
Mac OS X	Open BSD	Net BSD	RIM Tablet OS
Solaris	Symbian	Web OS	Windows
Windows CE	Windows Phone	Windows RT	

What's new

What's new in FortiNAC F 7.2.1

Secure RADIUS (RadSec) support for the Local RADIUS Server. See [Radsec](#).

What's new in FortiNAC F 7.2.0

FortiNAC software re-versioning

FortiNAC software re-versions to F 7.2 to match the Fortinet fabric. The label “F” in F 7.2 is added to indicate that this is Fortinet Fabric versioning, distinct from the FortiNAC 7.2 that was previously released.

Infrastructure upgrades

An infrastructure change has been made and a new product offering is available for the FortiNAC solution. The new FortiNAC appliances are being labeled FortiNAC-F.

- New SKU
FortiNAC Control and Application eXtended VM (SKU FNC-CAX-VM) is the continuation and extension of the FortiNAC Control and Application VM, supporting FortiNAC version F 7.2.
FortiNAC Manager eXtended VM (SKU FNC-MX-VM) is the continuation and extension of the FortiNAC Manager VM, supporting FortiNAC F 7.2.
- New operating system: CentOS is replaced with a FortiOS-like OS (FortiNAC-OS)
The previous CentOS 7 Operating System is replaced with a custom Linux image with a CLI similar to that of FortiOS. It is called FortiNAC-OS in the documentation.
FortiNAC-OS is implemented as a firmware image, similar to other Fortinet products (i.e. FortiGate).
MySQL is replaced with MariaDB.
- An appliance migration is required to move an existing system on CentOS to the new FNC-CAX or FNC-MX system.
- Software Compatibility

FortiNAC Products	Description	Operating System	Version 8.x	Version 9.x	Version F7.2
Name: FortiNAC- Control-and- Application-VM SKU: FNC-CA- VM	FortiNAC Control and Application Virtual Server	CentOS	Yes	Yes	Yes

FortiNAC Products	Description	Operating System	Version 8.x	Version 9.x	Version F7.2
Name: FortiNAC-Manager-VM SKU: FNC-M-VM	FortiNAC Manager Virtual Server	CentOS	Yes	Yes	Yes
Name: FortiNAC-CA-500C SKU: FNC-CA-500C	FortiNAC 500C/600C/700C, Network Control and Application Server with RAID and Redundant Power Supplies	CentOS	Yes	Yes	Yes
Name: FortiNAC-CA-600C SKU: FNC-CA-600C					
Name: FortiNAC-CA-700C SKU: FNC-CA-700C					
Name: FortiNAC-M-550C SKU: FNC-M-550C	FortiNAC Manager 550 Server with RAID and Redundant Power Supplies	CentOS	Yes	Yes	Yes
FortiNAC-F Products	Description	Operating System	Version 8.x	Version 9.x	Version F7.2
Name: FortiNAC-Control-and-Application-eXtended-VM SKU: FNC-CAX-VM	FortiNAC Control and Application next-gen Virtual Server	FortiNAC-OS	No	No	Yes

FortiNAC-F Products	Description	Operating System	Version 8.x	Version 9.x	Version F7.2
Name: FortiNAC-Manager-eXtended-VM SKU: FNC-MX-VM	FortiNAC Manager next-gen Virtual Server	FortiNAC-OS	No	No	Yes
Name: FortiNAC-CA-500F SKU: FNC-CA-500F	FortiNAC Network Control and Application Server (F Series)	FortiNAC-OS	No	No	vF7.2.3 and greater
Name: FortiNAC-CA-600F SKU: FNC-CA-600F	FortiNAC High Performance Network Control and Application Server (F Series)	FortiNAC-OS	No	No	vF7.2.3 and greater
Name: FortiNAC-CA-700F SKU: FNC-CA-700F	FortiNAC Ultra High Performance Network Control and Application Server (F Series)	FortiNAC-OS	No	No	vF7.2.3 and greater
Name: FortiNAC-M-550F SKU: FNC-M-550F	FortiNAC Network Manager (F Series)	FortiNAC-OS	No	No	vF7.2.3 and greater

FortiNAC AWS secure deployment in cloud

FortiNAC F 7.2 changes its onboarding process to integrate with AWS to set up SSH keys during image deployment. The FortiNAC appliance is now cloud-aware and will identify the cloud it is running on during boot, read any provided metadata from the cloud, and initialize accordingly.

Cloud-init functionality with FortiNAC-OS

FortiNAC F 7.2 adds the ability to bootstrap the initial configuration of the FortiNAC Virtual Machines, compatible with AWS, KVM, ESX, and Hyper-V VMs.

As part of "cloud-init," the user can run CLI commands to set the access credentials.

For more information, see the updated deployment guide for the appropriate appliance.

MAC OSX Agents

MAC OSX Agents updated to be natively compatible with M1 processor.

Report enforced and non-enforced ports

Added ability to report both enforced and non-enforced ports and AP's/SSID's

New Visualization added to the Network Device Summary dashboard tile, as well as Network Inventory.

Device Support

New Device Integration for Cambium cnPilot series of AP

SNMP MAC-Notification trap support for Dell EMC Networking N3248P-ON Ver 6.7+

Support for Extreme Campus Controller E3120

UI/UX/Workflow enhancements

FortiGate VDOM modeling enhancements

UI changes to policy creation

Policy and Logical Networks views are upgraded to the new UI, adding a common table search/filtering/drag-and-drop. The following views have been changed:

- Supplicant EasyConnect
- Endpoint Compliance Policy
- Network Access Policy
- Authentication Policy
- Portal Policy

UX/Policy enhancement backend

Logical Network / Policy enhancements

Enhancements and Addressed Issues

These changes have been made in FortiNAC Version F 7.2. These enhancements are in addition to the enhancements that are outlined in previous releases.

Version F 7.2.0

Ticket #	Description
835782	Applying a license key in the Configuration Wizard can result in a "HTTP Status 500 – Unable to compile class for JSP" error message.
793634	MDM doesn't show poll information in Service Connectors.
812930	SSO tags not being sent in 9.4.0 without group option being set.
734571	Importing DHCP scopes in Config Wizard: Clicking import and apply without selecting a file imports the last imported file. This can cause duplicate scopes.
812674	CoA is not being sent to Huawei wireless after host has registered.
817022	Disabled fingerprints sources were not updating rogue properties.
784543	Portal policy permission set is required to send guest email details from Guests and Contractors view else 403 is thrown.
789654	Clients shown offline in Ruckus controller v6.0.
817563	Network Events view fails to load and displays HTTP errors.
701822	Fully Qualified Host Name info Bubble is misleading.
795932	FortiNAC fails to authenticate to secondary domain controller when primary domain controller is unreachable.
821244	FortiGuard packet decoder doesnt handle confidence values over 127
810167	iOS fingerprints misclassified as macOS.
816407	FortiGate L3 polling doesnt update the client IP.

Ticket #	Description
816877	Host icon does not match the icon assigned by Device Profiling Rule.
816028	RADIUS Activity view is presenting access-accept value when no activities are recorded per snapshot.
817845	L2 Polling queue backed up, excessive polling completion times.
806106	Juniper Change of Authorization (CoA) fails.
820375	Meraki (and possibly other) devices incorrectly managed with Generic Radius plug-in.
775679	Hosts are incorrectly enabled after an LDAP sync.
765172	Improved subnet mask error checking in Config Wizard.
821399	FortiGuard IoT Scan fails to complete.
816871	Secondary Server Operating System Update errors in High Availability environments.
736459	Manual Resync Interfaces sometimes take a long time after server startup.
817767	CLI failure on Alaxala switch with enable password bypass configured.
773088	VLAN read failure for Adtran NetVanta 1638.
806936	Importing Mist AP's with CLI import tool does not add the AP models to the L2 Wireless nor Device Interface Status groups.
815352	Logical network configuration mappings can return the wrong value when host is connected via more than one interface.
819753	FSSO Tag assignment is NOT triggered before the next L3 poll.
823908	CLI failure to connect with Aruba JL662A 6300M 24G CL4 PoE 4SFP56 switch.
814631	Aruba CLI scripts not working as expected due to port variables used.
816828	Polling of entitlements is failing
828912	MaaS360 MDM poll failure due to NullPointerException.
828500	Permissions error when attempting to add a domain to Allowed Domains view.
828493	Upgrade from 9.4.0 fails on Control Server and

Ticket #		Description
		Application Server pair.
816451		Importing DHCP Scopes - Wizard shows blank scope data.
825920		Radius CoA fails when Source IP is AP vs Ruckus SZ Controller and NAS ID is used to identify controller IP during radius request.
825436		IP addresses appended to network device names during discovery are truncated resulting in duplicate device and port names.
828242		Ruckus Switch Non-Default VRF Arp entries no longer contained at ipNetToMediaPhysAddress.
827870		Syslog listener addresses for FGT add/delete/move messages is not updated.
836146		radius.log file can grow too large if debug is left enabled.
835405		UI is inaccessible after running the Config Wizard due to an unrecognized keystore. The browser displays "Connection refused".
836606		Polling GSuite server results in a timeout, but is shown as successful.
778575		grabDeviceDebug script for more efficient log collection for device integration issues.
835143		MSIntune returns partial results causing host records from being removed.
836137		No Results Found on RADIUS -> Winbind view if results are sorted by Joined column.
832313		SSH keyboard-interactive authentication fails, preventing SSH communication to some devices.
833327		Include device in static route if specified.
826913		Unable to create a Network Device Role for Direct Configuration.
807309		Admin UI showing permissions error.
840218		No records found in FortiNAC "Ports" tab for CISCO ASA interfaces.
846782		Unable to get complete network config from Aruba Central because of # symbol.
845000		Error when attempting to modify users.
0834094, 0834089, 0845505, 0845493		Manager (NCM) not properly synchronizing nested

Ticket #	Description
	Global Groups.
808088	Alarms stop generating notifications.
839045	RADIUS does not return the port default VID when request matches no policy or enforcement group.
834461	FortiNAC is not sending required CoA attributes to Ruckus controller.
846668	FortiNAC can't process the Mac Notification traps from FSW running 7.2.1.
848587	Typo in Host Registration, Web Service Definition, and Pa Packet Transport Config confirmation messages.
849140	Control Manager API ping of Secondary Server returns the wrong serial number, causing ping to fail.
830932	Event to alarm mapping is unavailable for the event.
837938	Edit User view will not allow for user settings to be changed.
829009	Aruba CX Switch VLAN Management.
845493	After a Control Manager synchronization, not all global enforcement groups are created on the managed FortiNAC servers.
833270	Device Profiler is not matching rules.
842122	Incorrect license use percentage on dashboard.
850373	Fix Email/SMS Message Template format issue after saving.
853007	Meraki Integration is excessively sending API requests.
833302	Unable to create a user on the NAC where the same userID exists on the NCM.
845548	Users & Hosts - Device Profiling Rules - Export: Last Modified By and Last Modified Date values are empty.
848732	Administrators - Users - Copy: Password field populated but told to enter a valid password.
855062	API - Endpoint Compliance Configurations - POST: Able to create entry without required profileID; hangs UI.
849472	Permissions - Reporting: UnauthorizedYamsUserException occurs for most actions within Logs> Reports.
849506	Permissions - Portal Configuration: Exception and view

Ticket #	Description
	hangs uploading image.
829667	Can't DROP INDEX `md5`; check that it exists shows up in output.processManager log.
849088	Permissions - Dashboard: Logical Network Host Access - panel never loads.
839892	Rest API documentation: Typos ('an User' should be 'a User').
849244	Policy & Objects - Remediation Configuration: Remove causes exception.
818502	Usability: New Neutrino-style tables do not allow user to easily view lengthy cell contents.
848692	Permissions: User with only Admin User permissions is allowed to create a user with System Administrator privileges.
842964	System - Settings - Identification - VendorOUIs: exception when adding entry.
838904	Portal: Accessing the portalCommon/registrationPending.jsp and setting propertyGroup parameter to script is executing script
842152	Guests & Contractors - View Accounts - Send Guest Details: Error sending email.
827448	Request Processing Rules: View does not load when user only has permission for Request Processing Rules view.
822748	NCM: Using Open Server UI button does not work as-is.
841503	System - Scheduler: Running schedule whose name contains angle brackets which have been stripped out leads to exception.
823896	Usability - NCM: Dashboard should contain Servers panel/widget by default.
842980	Policy & Objects - Passive Agent - Add/Modify/Copy: Apply to Members of Group drop down is empty.
843418	Users & Hosts - Locate Hosts: host with angle brackets in name is not located.
841405	Users & Hosts - Locate Hosts: Clicking icon in Views column leads to view with 'Login failed for: root' message.
846212	Network - RADIUS: toolbar buttons not in consistent

Ticket #	Description
	order.
843049	Add Host: incorrect role being used.
841452	Adapters: Media Type includes Virtual and Virtual Guest in Edit view, but missing in Adapter Properties view.
841912	Hosts - Set Role: Host Role column is sometimes out of sync and Show Events shows incorrect Old/New Role data.
839047	Request Processing Rules: Create action yields view with Edit as title.
838557	Roles: Duplicate role produces error message with incorrect grammar.
826259	Endpoint Compliance Scans: Creating new scan shows unrelated audit log entries.
839888	Rest API documentation: Edit item - specifying ID which does not exist creates new record with new ID.
843377	Users & Hosts - User Accounts - Import: Invalid Column Tag - user.lastActive.
834772	Device Profiling Rules - Import: Exception and 'forever loading' when importing invalid Device Profiling Rules file.
842173	Guests & Contractors - Users - View Accounts - Send Guest Detail: Unable to delete message templates.
834784	Usability - Device Profiling Rules - Import: valid file needs to be XML - hidden restriction and solution.
818531	Guests & Contractors: Password field in Add Account regenerated every time the Single Account radio button is clicked.
843397	Users & Hosts - Profiled Devices - Register as Device: browser console message 'start here'.
823110	Network Access - Configurations: Changing the logical network does not get logged in the Audit Log.
826517	Edit Task: Title has Create Background Task as title (Create instead of Edit).
834441	Changing state of row in Policy table (rank, enabled state) causes view to scroll to top.
820116	Logical Networks: Editing entry does not update Last Modified Time value and is not reported in Audit Log.

Ticket #	Description
826518	Usability - Tasks: Toolbar buttons include 'Tasks' in label which is redundant / unnecessary.
818936	User Accounts: column label needs space - User Security&Access Value.
823080	Host Import: Clicking OK with no file selection causes browser console error.
818934	User Accounts: Typo in column header.
817736	Config Wizard: Typo in Layer 2 VLAN ID message.
819826	Usability: Tables sorting strings in lexicographic order instead of natural/human order.
817733	Config Wizard - Layer 2: stuck on error Isolation VLAN ID must be an integer between 1 and 4094.
826137	NCM: Unmanaging FortiNAC leaves behind global entries.
825581	Supplicant Easy Connect: Inconsistent Create/Edit title between Policies and Configurations.
826230	Authentication - Configuration - Add/Edit - Enable Authentication: Time fields should have max limit.
823079	Host Import: Clicking Cancel in Browse dialog removes previously selected file.
822274	Policy Editor - Who/What Attribute - User: DN should not be abbreviated.
821118	Session expiring label has no space before host name label.
821476	Policy Editor - Who/What Attribute - Host: Drop down contains 'Misc:' label - should be 'Miscellaneous:'.
822289	Endpoint Compliance - Configurations: Order and visibility of columns differs from fields in Create/Edit view.

Known Issues Version 7.2.0

Ticket #	Description
933798	RTRDebugTool not available.
856217	Hosts discovered by MDM are getting incorrectly marked as having a Persistent Agent.
891890	Windows 11 hosts detected as Windows 10 hosts when using Dissolvable agent.
802335	Getting a JSON string error when setting registered or logged user role on host view page.
889125	FortiNAC Azure zip file appears to be corrupt.
889575	Cannot filter using Custom Filters.
887478	Links in the Persistent Agent Summary panel produce redundant results.
872245	The migration procedure to move existing FortiNAC servers from CentOS to FortiNAC-OS is currently not supported.
809769	HTML is not supported when using "Guest Account Details" message type template.
887470	Domain with single character between dots in multiple dot domains results in error when adding to allowed domains.
883129	Mist L2 polling may not function properly due to how Mist devices are modeled in FortiNAC.
883080	Local Radius attempts to look up mac addresses in the directory for mac-auth auth requests.
881837	Despite being modeled correctly, Meraki MX doesn't pass credential validation.
881837	Hosts with spaces in the hostname throws an exception when trying to make an edit to the host where hostname contains whitespace.
832313	SSH keyboard-interactive is disabled by default starting with versions 9.2.7, 9.4.2 and F7.2. This may affect FortiNAC's CLI access to a limited number of devices (like Arista switches). For details and workaround, see KB article https://community.fortinet.com/t5/FortiNAC/Troubleshooting-Tip-SSH-login-fails-due-to-SSH-keyboard/ta-p/244979
878080	Aruba CX Switch Incorrect VLAN Management Syntax.
854800	API - Endpoint Compliance - Scans - POST: Editing a scan with bad ID results in inconsistent error.
858213	Users & Hosts - Device Profiling Rules - Import: warnings seen in output.master: DatabaseServer.updateAuditForModify.
855192	API - Endpoint Compliance Actions - POST: Unable to create/edit event action - required Activity cannot be specified.
853858	API - Logical Network Configuration: GET results in failure.
854804	API - Endpoint Compliance - Scans - POST: Editing a scan and specifying an ID which does not exist is creating new entry.
855077	API - Endpoint Compliance Policy - POST: Unable to edit an entry without specifying RANK.

Ticket #	Description
855072	API - Endpoint Compliance Policy - POST: Unable to create an entry without specifying ENABLED.
853842	API - Portal Policy: POST edit request with changed rank duplicates rank values.
854279	API - Supplicant EasyConnect Policy - POST: Exception occurs if edit entry with same rank as another.
854289	API - Supplicant EasyConnect Policy - POST: Rank does not adjust properly when sent as high value in EDIT request.
855075	API - Endpoint Compliance Policy - POST: Exception occurs if edit entry and send same rank as another entry.
854207	API - Network Access Policy - POST: Exception occurs if edit entry with same rank as another.
854307	API - Portal Policy - POST: Rank does not adjust properly when sent as high value in EDIT request.
854208	API - Network Access Policy - POST: Rank does not adjust properly when sent as high value in EDIT request.
854306	API - Authentication Policy - POST: Rank does not adjust properly when sent as high value in EDIT request.
855078	API - Endpoint Compliance Policy - POST: Rank does not adjust properly when sent as high value in EDIT request
853499	API - Authentication Policy - POST: Unable to create an entry without specifying ENABLED.
853840	API Documentation - PortalPolicy: 'an portal' should be 'a portal'.
853446	API - Authentication Configuration - POST: Unable to create/edit an entry with just name and note.
853507	API - Authentication Policy - POST: Unable to edit an entry without specifying RANK.
854205	API - Network Access Policy - POST: Unable to edit an entry without specifying RANK.
853852	API Documentation - Portal Policy: ability to enable/disable a list of IDs should be documented.
853833	API - Portal Policy - POST: Unable to create an entry without specifying ENABLED.
854270	API - Supplicant EasyConnect Policy - POST: Unable to create an entry without specifying ENABLED.
854274	API - Supplicant EasyConnect Policy - POST: Unable to edit an entry without specifying RANK.
853836	API - Portal Policy - POST: Unable to edit an entry without specifying RANK.
854200	API - Network Access Policy - POST: Unable to create an entry without specifying ENABLED.
854753	API - Endpoint Compliance - Scans - POST: Create with just name succeeds but does not show up in UI due to scriptType=0.
854675	API Documentation - Endpoint Compliance Policy - GET: call to Usage should be removed.
855043	API - Endpoint Compliance Scans - POST: Editing a scan to change scriptType gives error that entry already exists.

Ticket #	Description
855065	API - Endpoint Compliance - Scan - GET: Issuing request for /product is not returning results.
856648	Device Profiling Rules: Some columns have incorrect capitalization - needs title case.
854782	API - Endpoint Compliance - Scans - POST: Result for 'copy' differs when run from API versus UI.
855201	API - Endpoint Compliance - Custom Scan - POST: Unable to create custom scan.
820108	Policy Editor - Enabled State Change: not in audit log and last modified date does not update.
849459	Network Device Roles - Column Filtering: Access column filter applies filter opposite of what is specified.
849556	Request Processing Rules - Column Filters: Last Modified By and Last Modified Date/Time column filters do not work.
848740	Permissions - Admin Users: Importing an Exported file gives permission error related to hosts.
849029	Permissions - Dashboard and Events/Alarms: Alarms panel - visualization - 'Table' renders as 'Summary'.
849048	Dashboard - Scans: By Hour defaults to Prev 30 Days - results in errors and invalid results.
849067	Dashboard - User Summary: No links in Pie Chart popup.
849597	Adapters - Media Type: Setting value to Unknown from Adapter Properties results in empty column value; using Edit shows Unknown.
852523	Policy Editor - By Attribute: Host Inactivity Time set to Never or None does not work.
849121	Permissions - Dashboard - Endpoint Fingerprints: user w/o Add/Mod/Del Hosts perms - ambiguous errors on set rank/delete.
849517	Permissions - Portal Configuration: Exception using 'Reset to Defaults'.
849518	Permissions - Portal Configuration: Exception using 'Delete'.
844999	Users & Hosts - Hosts - Add/Modify: Adapter Info section at the bottom needs to span more width.
847155	System - Settings - System Management - High Availability: Shared Subnet Mask required in bits instead of dotted decimal.
818119	Unable to load FortiNAC login page after accepting certificate (Windows - no browsers; Fedora - only works using Brave).
843829	Legacy - Users Accounts: Problems with Mobile Provider values.
845474	Logs - Reports - Custom - Modify: clicking back in Column Selection screen causes browser console error.
843990	System - Settings - system Communication - Firewall Tags: modifying entry causes browser console error.
845481	Logs - Reports - Custom: no confirmation when remove report.
839010	User Accounts: Creating user with angle brackets is allowed but fails to log in.

Ticket #	Description
844417	Endpoint Compliance - Scans - Schedule: Exception running scheduled task.
843391	Users & Hosts - Profiled Devices: Rule Settings dialog - disabled text box inconsistently displayed as dark grey.
843116	Legacy - Import/Export Filter: Importing single filter as opposite type lists all as private type.
843079	Hosts - Go To Registered/Logged On User(s): Users view is filtered, and hosts view is filtered when return.
842690	Locate Hosts: items found label contains a '1' at end which is confusing.
843893	Portal - Portal Configuration - Registration - Instructions: Linux Instructions have incorrect information/typos.
843424	Users & Hosts - Locate Hosts: Remove User results in 500 Internal Server Error.
842171	Guests & Contractors - Users - View Accounts - Send Guest Detail: Unable to create some message template types.
843003	Users & Hosts - Hosts: Edit registered host entry - role is BYOD which is not present.
841002	Network - Inventory - Model Configuration: VLAN Display Format and CLI Configuration Type lines are misaligned.
841389	User Accounts: creating new entry from drop down loads new view and user loses data.
841395	Guests & Contractors: 'View Reports' link loads view with no easy way to return to source 'Users' view.
840995	Logs - Security Incidents - Triggers: Add Security Filter action displays Vendor value from previous entry.
841382	Host Import - Import Failure Errors: some messages are incorrectly formatted/worded.
841376	Audit Log - Change Details panel: scrolling panel causes title to scroll out of view.
841127	Guests & Contractors - Users - View Accounts: Send Guest Details button is cut off on the right edge.
842116	Guests & Contractors - Templates: Deleting template generates exceptions in output.master.
841773	Hosts / Adapters: column label needs space - Host Security&Access Value and User Security&Access Value.
841488	Adapters: Go To Host(s) action not working correctly - loads all hosts.
841744	Users & Hosts - Hosts - Quick Filter: search for an angle bracket does not locate filters whose name contains an angle bracket.
839041	Network Device Roles: Browser console error deleting entry.
839386	User/Host Profiles: duplicate error message inconsistency.
838190	Config Wizard: IPv4 Gateway not listed on Summary page for Layer 3 configurations.
833759	NCM: Incorrect landing page used for NCM user.

Ticket #	Description
836147	Inconsistency in use of Notes vs Note.
832633	Incorrect Capitalization in User Accounts Column: 'Delete Hosts when User Expires'.
833699	NCM - Roles: Able to edit and delete global roles.
833087	Roles: Deleting a role generates a browser console error.
816458	Config Wizard: Changing from Summary to another view causes Uncaught ReferenceError: validateForm is not defined.
818647	Modify Syslog File: Severity Values do not render correctly if space exists between value and delimiter.
818929	Usability: Highlighting a filter column value by clicking and dragging will close dialog if release mouse outside popup.
826236	Authentication - Configuration - Add/Edit - Enable Authentication: Time fields allow decimal minutes.
826936	User/Host Profiles - When: Creating a profile with all days selected and All Day does not convert to Always.
820607	Policy - User Permissions: Just Policy Configuration permission set - displays two policy views and Logical Networks view.
825019	Portal Configuration: Need 'Used By' action and prevention of deletion when assigned to a Portal Policy.
819770	Pressing Enter in Text Field Causes Browser Console Error.
820617	Administrators - Profiles - Permissions - Edit: sub group selections maintain state on cancel.
820675	Usability - Administrator Profile - Permissions: Sub Group Selections - All / None / Partial.
820692	Security Issue: User has access to restricted views as long as they remain logged in.
825088	User Inactivity Time: new value not used until next login.
823132	Portal Config: Clicking Apply with no changes causes multiple edits to be logged in Audit Log.
822291	Endpoint Compliance - Configurations: one Linux column but three Linux fields in editor.
819060	Custom column widths not maintained.
817891	Custom Filter: New Filter dialog does not have default radio button selection - clicking OK defaults to Private.
816454	Usability - NCM: No feedback that something is happening when configuration is applied.
815617	ERR_HTTP_RESPONSE_CODE_FAILURE for tags-input.css.map.
840796	MDM> MS InTune devices should do a host lookup based on MAC address first and Serial number as last resort.
813654	Add support for FortiSwitch MAC Notification traps.
833707	Add REST service - System -> Settings -> Persistent Agent -> Agent Update.
820688	Add REST Service - System -> Settings -> Updates -> Operating System.

Ticket #	Description
835098	REST API System > Settings > Persistent Agent > Properties.
803382	Audit Log service does not use the Audit Log permissions.
828127	Add REST Service - System -> Settings -> System Management -> High Availability.
812933	L2 poll not working for HP NJ5000-5G-PoE+ Walljack.
766614	Auto Launch Set Device Mapping dialog when clicked on Unknown device in Topology.
771685	Apresia integration RADIUS 802.1x support incomplete.
773828	PNetworks switch L2 polling broken with latest firmware.
782740	Issue with reading default and current vlans for Ruijie switches.
760596	API reporting wrong FortiNAC version in it's system/local-properties/cluster GET.
815721	REST API - System -> Settings -> Updates -> Agent Packages.
811717	REST API System > Settings > Control > Allowed Domains.
812640	REST API System > Settings > System Communication > SNMP.
762938	Reduce menu options for Unknown devices.
767209	Aerohive VLAN interfaces do not update if VLAN ID or Profile ID changes on resync.
766493	Dell Dell PowerConnect 5548P (1.3.6.1.4.1.674.10895.3033) mapped incorrectly.
830574	NacOS: Updating Host Name does not update all instances of host name.
853970	API - AccessConfiguration - POST: able to create/edit entry with no logical network (which is a required field).
836475	Downgrade from 7.2F to 9.4 aborts the process.
853540	API Documentation - Authentication Policy: ability to enable/disable a list of IDs should be documented.
853528	API - Authentication Policies: POST edit request with changed rank duplicates rank values.
836534	Mismatch between EULA text and actual UI for how to accept or reject EULA.
855596	Create/Edit Network Access Policy - Clone Predefined UHP - Edit Time: Edit Schedule dialog is empty.
855564	Network Access Configuration: Create/Edit Logical Network from Create/Edit panel - incorrect dialog state.
819422	Policy Editor - When - Edit: different defaults when edit vs create policy.
820539	Network Access - Configuration - Edit: Cannot change Logical Network entry to Direct Configuration.
823107	NacOS - Network Access Configurations - Edit: Clicking Create from Logical Network drop down gives error.
823997	NacOS - Endpoint Compliance - Config: Audit Log empty from Configurations but populated if

Ticket #	Description
	access from Policies Audit Log.
825870	Filtering by Global Column does not work in some views.
829688	NCM - Managed FortiNAC: Able to edit/delete global entries from User/Host Profiles.
825032	0014 - Monitors does not display Favorite when enabled.
848637	cli firmware downgrade did not ask for confirmation before allowing downgrade.
848321	NAC OS Cli does not provide mechanism to update or remove erroneous HA SSH Key entries.
836557	Config Wizard shows errors after applying changes on Summary page.
822319	0014 - vdom - Logical Network Configuration column does not sort for Ascend and Descend.
846245	Typo in 'Edit Host' page. 'Criticality' is spelled as 'Crticality'.
840999	Container pane under network inventory doesnt automatically refresh when adding or deleting containers.
821378	Usability - Policy Editor - When: Inconsistency, usability, and UI layout issues configuring When condition.
819838	Used By: selecting row in Usages Of panel causes browser console error 'Table is destroyed, cancelling render'.
841739	Users & Hosts -> Adapters page shows [object Object] for one item in All IPs column for device 10.12.235.36.
826596	NCM - Managed FortiNAC - Policy: Incorrect error message displayed when change Enabled state on Global entry.
841052	Policy - Enabled State: scrolling or changing state causes some cells to display empty.
838859	Allowed domains is not kept in sync on HA system.
836852	User/Host Profiles - Audit Log: Difficult to decipher Change Details when attribute replaced.
835725	7.2F.0020 new deploy has gui not reachable.
818497	Authentication - Configuration: Editing default Global Authentication Conversion entry in 10.0 does not match 9.4 values.
834040	0019 - GUI - High Availability UI page needs updating of Warning text.
826869	Grab logs has error 'Cannot open /var/log/sa/sa18: No such file or directory'.
826127	NCM and Managed FortiNAC: Global column is not in leftmost position and can be hidden.
833312	Endpoint Compliance - Scan - Custom Tab: Boolean columns become too wide.
827499	[B0018]Show system interface does not show eth1 IP address for Forti-OS FortiNAC.
819325	Policy Views: Browser Console Error - Drag and Drop Rank Order.
821007	Policy Editor: View hangs when create/edit configuration from Policy Editor but click X to close panel.

Ticket #	Description
826576	Policy Editor - Who/What Attribute - Role: Clicking OK after enter text in field does not accept first click.
826118	Policy Editor: Selecting Edit from the User/Host Profile drop down results in incorrect title (Create instead of Edit).
829000	Authentication Configurations - Audit Log: Authentication Method displays with all caps in Audit Log.
829285	0018 - Exception when login - UserBean - Could not get Resources - Exception java.util.MissingResourceException:
825396	Admin users added via nacOS cli do not show up in GUI admin user list.
826126	on NCM, dashboard server widget does not have boxes drawn around Last Sync Success column.
819348	Usability - Policy Editor - When: Cumbersome to select/deselect days of week, and arrangement could be improved.
826239	Authentication - Configuration - Add/Edit - Enable Authentication: Time fields don't allow decimal values less than 1.
826506	Policy Editor - RADIUS Attributes: Duplicate message removed when it should not be.
826593	NCM Managed FortiNAC: Configurations and Scans have editable fields - Policies are disabled/not editable as expected.
828528	NCM - Managed FortiNAC: Able to edit global entries via link in column.
828484	Endpoint Compliance - Configuration: Table does not provide ability to edit a scan from the Scan column.
827302	User/Host Profiles - Who/What Attribute: Default selection needed in some drop downs.
826929	Authentication Configuration: Selecting 'Local' Authentication Method displays as CM in Audit Log.
826919	Profiles - User/Host Profile drop down: Edit panel sometimes contains stale data.
820531	Network Access - Configuration - Edit: browser console error when enabling CLI Configuration toggle (Direct Configuration Mode).
818949	Column Filters: Exact Match for string containing comma does not work.
819396	Policy - Rank - Audit Log: incorrect rank information reported in Audit Log.
820518	Policy - Audit Log: Clicking Configuration link from within Audit Log gives incorrect title information.
819845	Network Access - Configurations: No way to create CLI Configuration from Create/Edit view when in Direct Configuration mode.
825751	Policy Editor - Who/What Attribute: 'Value is required' label is too close to text box.
825753	Policy Editor - Who/What Attr: Role field has problems with 'Value is required' label.
825775	Policy Editor - User/Host Profile - Edit Time: Specify Time selected but view not populated.
824048	Endpoint Compliance - Scans: Some modifications not being reported in Audit Log.
824277	Endpoint Compliance - Scans - Audit Log: Failure Instructions field is showing as Patch Information

Ticket #	Description
	in Audit Log.
819355	Policy Editor - When: Invalid Time Range Not Reported.
822772	Editing a global configuration opens edit view in Read Only mode but Close button does not close view.
823907	Usability - Policy Editor - Who/What by Attribute: Order of configuration creation does not match table display or edit order.
821508	User Inactivity Timeout: When time gets to 0 it adds a few extra seconds to countdown.
821046	Usability - Policy Editor - Groups / Locations Lists: Lists should be alphabetized on edit.
820234	Endpoint Compliance - Scans - Edit: Non-Name field changes do not get logged and do not update Last Modified Time column.
819697	Policies: Exact Match Column Filter Not Always Working for Upper Case Strings.
816842	Network Access - Configuration - Create/Modify: cannot edit logical network from drop down - TypeError.
816844	Network Access - Configuration - Edit Logical Network: incorrect panel title displayed when access from Create New screen.
846822	FortiNAC failed the NMAP scan due to old IP reported from the arptool.
860206	Polling threads get locked when communications are terminated unexpectedly from the NCM.
861201	Windows 11 Domain Check.
859149	FortiNAC needs to read the VLANs assigned to access points running in Bridge mode managed by Extreme WLC.
857035	Problem with integrating added wifi controller VX9000 (Extreme / Motorola).
854239	Radius CoA is not working as expected - ClassNotFoundException for CambiumAP in 9.2 release.
812908	/var/log/messages is not rotating generating large files and high disk usage issues.
856350	Unable to Admin Up a port via port properties in Adapter view. Incorrect port is shown.
857083	After Self Registration, FortiNAC doesn't send Disconnect-Request to Huawei Controller.
863826	License Management view in the UI always displays "Base" for the License Name when using subscription licenses. Workaround: Use the License Information Dashboard Widget.
855897	CLI config for Huawei Switch S5731-H48P4XC.
856362	Upgrade from 8.x to 9.2.6 GA changes Conference account password.
836136	Guest Portal Registration no longer working. Guest passwords not read correctly out of the database.
836470	New NCM deploy on NacOS receives "HTTP Status 500 - Internal Server Error".
856192	FNAC FSSO does not send required groups to FortiGate.
852946	FortiNAC 9.2.6 System Management menus gives HTTP 500 - Internal server error.

Ticket #	Description
858184	Custom Subject line for Self Registration Request sent to sponsor does not reflect custom text.
853007	FortiNAC sends large number of API requests to Meraki API.
852560	Custom Guest Account Password e-mail template is not used for Self Registration Self Registered Guest.
853870	Kaspersky Endpoint Protection 11.10 is not supported by FortiNAC.
826924	Issue with automatic VLAN assignment to ports on switch.
860996	Unable to read VLANs or L2 data for Huawei S6720-30C-EI-24S-AC.
855891	FSSO failing to send to FGT for hosts with PA.
842134	Blank section to Captive Portal page for mobile devices added after upgrade.
838561	Roles: Entering angle brackets for Name and Notes converts to < and >.
850085	Juniper MIST integration needs to handle other domains than api.mist.com.
859702	Enhance Palo Alto SSO REST API to allow for bulk.
833324	FortiNAC unexpectedly disabling Juniper EX interfaces when host is deleted in "Host View".
840218	Cisco ASA firewall ports not showing on GUI.
841781	FortiNAC as Local Radius does not send Radius CoA after FortiNAC policy is matched.
841710	No CoA seen when disconnecting Wireless Hosts/FortiAP integration.
852670	AP showing up as learned uplink not WAP Uplink.
814926	Unable to add Role.
858138	FSSO Tags are not sent to Wired and Wireless FortiGates after reconnecting the LAN port on FGT1101E.
770974	Event to Alarm mappings failing for Clear on Event criteria.
809769	HTML is not supported when using "Guest Account Details" message type template.
808088	Alarms stop generating notifications.
814476	HP J9776A 2530-24G Switch - Aggregation Port Issue.
849497	The FreeRADIUS service is restarted whenever a new network device is modeled even if local RADIUS is not enabled.
849140	NCM REST API ping of secondary in HA pod returns the wrong serial number causing ping to fail
848274	The Service Connectors view does not display the option to create a new connector.
847630	Newly deployed FortiNAC via OVA was incomplete requiring various manual workarounds to get completed
846782	FortiNAC is unable to read roles and potentially other data from Aruba IAPs due to a # symbol automatically added to the wireless network name.

Ticket #	Description
845935	From the Hosts view, when attempting to scan a host with a certificate check, the UI turns gray and does not allow input until either the browser is refreshed or closed/re-opened. This affects hosts running the 9.4 agent only.
845930	When a managed pod is removed from the Network Control Manager, not all references to the previously managed pod are removed from the database. The result is a "Sync failed to replace xyz" error message when a sync is attempted.
845505	Manager (NCM) not properly synchronizing nested Global Groups.
845412	When a sync is performed on the Network Control Manager, modified group names are not synchronized to the managed pod..
845493	Manager (NCM) not properly synchronizing Global Groups.
811404 807309	Admin UI showing error "You do not have permission to access this page". Workaround: Restart tomcat-admin service.
686910 714219	Control Manager (NCM) communication issues when the NAC systems are connected through the WAN. For details see related KB article https://community.fortinet.com/t5/FortiNAC/Technical-Note-NCM-communication-issues-with-systems-across-WAN/ta-p/192434 .
860546	L3 polling for Extreme Campus Controllers (XCC) is currently unsupported.
845035	Palo Alto VPN integration does not support syslog notifications from Palo Alto devices running v9+.
845008	Grab-log-snapshot should collect more master log files than the two collected.
843509	FortiNAC is unable to communicate with Dell x1026 switches.
843401	Wrong portal selected despite matching specific portal policy.
842370	Radius will ignore incoming requests from a device if the Model Configuration or VDOM configuration does not specify a secret and local radius mode (and for a VDOM, additionally a Source IP address).
842280	Guest Self-Registration, when configured to e-mail users their credentials, now requires 2 separate e-mails (1 containing username and another containing password).
841907	The Network Control Manager can experience lengthy response times when querying hosts from the managed pods.
835149	When an endpoint is registered as a device in Host AND Inventory/Topology, it is not possible to edit the host role. The option is available, but changes do not apply.
834094	When a sync is performed on the Network Control Manager, if an IO error occurs, global device profiling rules may be removed from the managed pod due to returning an empty list.
834089	When a sync is performed on the Network Control Manager, if an IO error occurs, global port group membership may be removed from the managed pod due to returning an empty list.
833735	Host icons in the Inventory view are not updated until a Layer 2 poll occurs.
833327	Routes specifying an interface are no longer present after reboot or restart of processes.
833305	Guest account password is unmasked when printing badge even though admin user does not have

Ticket #	Description
	password viewing permissions.
833302	When adding an admin user on the local pod whose userID matches that of a user on the NCM, the user created is "root".
833088	Deleting a switch removes all port nesting's removing all ports from FortiNAC System Port Group.
830932	Entitlement Polling Success event is not listed as an option for triggering or clearing an Alarm Mapping.
830581	IP Phones will not match policy if host group membership is configured as a User/Host Profile requirement despite the phone being a member of the host group.
830159	Unable to add new Roles from the Policy & Objects > Roles view without additionally defining a group.
829702	FortiGate wireless clients cannot connect after a FortiNAC software upgrade if the FortiGate device model's RADIUS secret is not populated. This is true even though the VDOM radius secret is populated.
829019	Manager's (NCM) Resume Control button on the Dashboard in a High Availability environment does not restore control to the primary Manager.
829009	The Allowed VLAN list is not properly managed on Aruba CX switches. When FortiNAC performs a VLAN change, only the new VLAN is set. The previously configured Allowed VLAN is not removed. This causes the Allowed VLANs list to grow over time.
828499	HTTPD failed state after 9.2.5 upgrade requiring cleaning up semaphores.
828128	Unable to add Allowed Domains containing underscore symbols.
827870	When a FortiGate device model's IP address is changed in the Inventory view, add/delete/move syslog messages from the new IP address is discarded until FortiNAC services are restarted.
827283	Roaming Guest Logical Network missing from FortiGate Model Configuration and possibly other vendors.
826913	Creating a Network Device Role using Direct Configurations reverts to Logical Networks.
826653	FortiNAC supplied Dynamic Addresses on the FortiGate can become orphaned in FortiNAC High Availability environments. This can cause unintended network access.
824088	Unable to update existing Registered Host records using Legacy View > Hosts > Import.
820160	Roles view is not available with a Base License but necessary for Network Access Policies.
818504	Linux Persistent Agent fails to install using the .deb package.
817040	FortiNAC Manager fails to connect to pods configured for L2 High Availability with a virtual IP. Manager is querying eth0 IP instead of Virtual IP.
814183	Unable to view all Certificate Details in the Certificate Management view.
813652	Security Alarms are not generating from Security Events.
811783	Links in the Persistent Agent Summary panel produce redundant results.

Ticket #	Description
810574	"Unable to scan" message when using Dissolvable agent if scan configuration label contains non US-ASCII characters.
809769	HTML is not supported when using "Guest Account Details" message type template.
808523	Delete User: Admin User without Admin User Permissions is able to delete another Admin User
804519	Network Events and other Views - Filtering based on content entered in the filter field does not produce results. Workaround: Leave filter field blank and select an object in the drop-down instead.
800870	Packet from from a secondary that is not the secondary in the configuration will prevent the primary from starting.
800325	Cisco Port Channel Link Resolution.
800255	Device Profiling IP Range Method does not include .255 when using wildcards.
793634	MDM Server Last Polled and Last Successful Poll information removed in 9.x.
792968	Legacy View for Users & Hosts > Hosts does not display items in tables. Workaround: Enter "*" (asterisk) in search field.
791739	Google Authentication:Google Identity Services Library is currently not supported.
791442	Able to delete a Portal Configuration which is in use by a Portal Policy. Removal is done without warning the user.
784642	Norton Antivirus Plus (Norton 360) installed from app store not detected in endpoint compliance scan.
783304	DHCP responds with unexpected addresses in the DHCP-Server-Identifier attribute. This causes release/renew to fail. Affects appliances configured for separate isolation networks (Registration, Remediation, DeadEnd, etc).
776077	Local Radius to Winbind connection cannot be secured at this time.
774048	L2 HA + VIP Pairing Process Failing.Configuration completes but leaves both appliances in a "processes down" state.Workaround: Reboot appliances.
773733	Enhance DeviceInterface debug dumpSSOTargets output.
770091	Port changes/VLAN assignments made using Local RADIUS are not being logged as port changes.
768717	FortiNAC not consistently sending SSO logon messages to FortiGate.
767548	Register Game system with Host Inventory success page is not working.
765172	Configuration Wizard does not check whether user input subnet masks are valid.
762704	After clicking the 'restart services' button when applying SSL certificates to the Admin UI Certificate Target, the prompt does not clear and there is no confirmation dialogue (even though it was successful). Clicking the 'restart services' button again generates an error.
761745	Mist AP - Port Connection State NOT WAP Uplink.
754346	Selecting Port Changes under the Ports tab of a specific device in Network > Inventory does not display expected results. For details and workaround, see KB article

Ticket #	Description
	https://community.fortinet.com/t5/FortiNAC/Technical-Tip-Default-filter-for-Port-Changes-does-not-populate/ta-p/209297 .
752538	When in the Users & Hosts > Applications view, selecting an application and clicking the Show Hosts option displays a page that does not provide accurately filtered results. Workaround: Navigate Users & Hosts > Hosts and create a custom filter to list hosts associated to an application.
739990	Android Mobile Agent prompts for server name.
710583	L2 Polling Mist APs can result in more API requests than Mist allows per hour.
708936	FortiNAC will logoff SSO for sessions that remain connected to a managed FortiGate IPSec VPN tunnel after 12 hours.
708720	Policy evaluation may not be triggered after a host status update in Microsoft InTune. This can prevent the host from being moved to the proper network. For details and workaround see related KB article https://community.fortinet.com/t5/FortiNAC/Technical-Tip-Policy-evaluation-not-triggered-after-Microsoft/ta-p/203843 .
699106	After a reboot, FortiNAC may change the Native VLAN on a wired switch port following a layer 2 poll. This may cause issues for ip phones should they connect to a port where the native/default VLAN isn't the correct VLAN.
695435	FortiEDR is currently not supported. If required, contact sales or open a support ticket to submit a New Feature Request (NFR).
694407	Linux hosts running CrowdStrike Falcon sensor 6.11 and later are not being detected by the agent. This causes hosts running CrowdStrike Falcon to incorrectly fail scans.
686910	Control Manager (NCM) communication issues when the NAC systems are connected through the WAN.
682438	Page Unresponsive' error when exporting hosts. For details and workaround see related KB article https://community.fortinet.com/t5/FortiNAC/Technical-Note-Page-Unresponsive-error-when-exporting-hosts/ta-p/193878 .
674438	Processes Scan Type option is not available when creating custom scans for macOS systems.
631115	Only 50000 records display in Adapter and Host Views. Example: Adapters - Displayed: 50000Total: 57500
795411	Not able to click the "In Use" number of Concurrent Licenses Widget.
870875	Address Group Object "In Use" button does not display accurate results.
	Not all models of all network devices can be configured to perform Physical MAC Address Filtering even though the Admin UI indicates that the configuration can be set. Resolution: Hosts can be disabled by implementing a Dead-end VLAN.
	For Portal v2 configurations, web pages that are stored in the site directory to be used for Scan Configurations will not be included when you do an Export of the Portal v2 configuration. Resolution: The files in the site directory are backed up with the Remote Backup feature, but otherwise keep a copy of these files in a safe place.
	Removing a device from the L2 Wired Devices or L2 Wireless Devices Group does not disable L2

Ticket #	Description
	(Hosts) Polling under the Polling tab in Topology.
	The "Set all hosts 'Risk State' to 'Safe'" button changes the status of all hosts marked At-Risk to Safe. However, the status of the individual scans for each host remain unchanged.
	In a Layer 3 High Availability (HA) environment, configWizard must have a DHCP scope defined. Running configWizard without a DHCP scope can cause a failover.
	On FortiNAC appliances with CentOS 7, duplicate log messages may appear in dhcpd.log for each sub interface (eth1, eth1:1, eth1:2, etc).
	System > Settings > Updates > Operating System will only record and display dates of OS updates that are completed through the Administrative UI. If Operating System updates are run via command line using the "yum" tool, the update is not recorded. Resolution: Execute Operating System Updates through the Administrative UI in order to maintain update history.
	Only English versions of AV/AS and their corresponding definitions are supported.
	Anti-Virus product Iolo technologies System Mechanic Professional is currently not supported.
	Sophos UTM is currently not supported.

Device Support Considerations

Ticket #	Description
730221	Stacked Meraki switches currently not supported. If required, contact sales or support to submit a New Feature Request (NFR).
548902	Management of wired ports on Aerohive AP-150W controlled by AerohiveNG is currently unsupported.
679230	Aruba 9012-US currently not supported. If required, contact sales or support to submit a New Feature Request (NFR).
7680531	Ubiquiti Gen2 Unifi switches (example: USW-16-POE) are currently not supported. If required, contact sales or support to submit a New Feature Request (NFR).
860546	L3 Polling currently not supported on Extreme Wireless Controllers
	At this time, integration with Juniper MAG6610 VPN Gateway is not supported. This includes Pulse Connect Secure ASA.
	At this time, integration with Cisco 1852i Controller is not supported due to the device's limited CLI and SNMP capability. For details, see related KB article 189545.
	At this time, integration with Ubiquiti AirOS AP is not supported. Ubiquiti AirOS AP does not have the necessary capabilities to allow for full integration with FortiNAC. The limitations are as follows: - No support for external MAC Authentication using RADIUS. - Limited CLI and SNMP capability. No ability to dynamically modify access parameters (ie. VLANs) for active sessions.
	At this time, Fortinet does not support wired port management for the Cisco 702W. The access point does not provide the management capabilities required.
	At this time, Fortinet is not able to support the Linksys LAPN600 Wireless-N600 Dual Band Access Point.
	Ports on Avaya Networks 4850GTS-PWR+ switches sometimes show "Not Connected" even though the port is active. This is due to multiple ports on the switch using the same MAC Address. This prevents NAC from correctly discerning which are "Connected" versus "Not Connected". There is no workaround.
	Device models for Avaya 4800 switches (and potentially other related models) only support SSH. Device models for Avaya Ethernet Routing Switches only support Telnet. Contact Support if the alternate protocol is required.

Device Support

These changes have been made in FortiNAC Version F 7.2. These are in addition to the device support added in previous releases.

Version F 7.2.0

Ticket #	Vendor
852981	Add device mappings for Allied Telesis router/switch
854248	Add device mappings for Extreme and Huawei Switches
806646	Add Device Support from Set Device mapping emails (8 Models) S5735-L24T4X-A1 Huawei Versatile Routing Platform Software VRP (R) FGT85F S5731-H24T4XC Huawei Versatile Routing Platform Software FGTVM641000C S5732-H48UM2CC Huawei Versatile Routing Platform Software FGT50A JL581A Aruba 8320 48p Juniper Networks, Inc. ex3400-48t Ethernet Switch
814620	Add Device Support from Set Device mapping emails (9 Models) Cisco IOS Software, c6848x Software (c6848x-ADVENTERPRISEK9-M) Palo Alto Networks PA-3200 series firewall S5735-L24P4X-A1 Huawei Versatile Routing Platform Software S5735-L24P4S-A1 Huawei Versatile Routing Platform Software Extreme Networks Switch Engine (5420F-24P-4XE-SwitchEngine) PowerConnect 7024, 5.1.18.1, VxWorks 6.6 Aruba JL658A 6300M 24SFP+ 4SFP56 Swch FL.10.09.1000 Datacenter Switch Cisco IOS Software [Bengaluru],c8000be
801676	Add Device Support from Set Device mapping emails (11 models) HPE Comware Platform Software, Software Version 7.1.070, Release 6327 SG350XG-24F 24-Port 10G SFP+ Stackable Managed Switch

Ticket #	Vendor
	SG300-28SFP 28-Port Gigabit Managed SFP Switch Linux PA-Mac-Ops-BCKPF-S 4.14.76-release-1.3.0 1 SMP Aruba JL725A 6200F 24G CL4 4SFP+370W Swch ML.10.09.1000 Cisco IOS Software [Cupertino], ISR Software (ARMV8EL_ LINUX_ IOSD-UNIVERSALK9-M), Version 17.7.1a, RELEASE SOFTWARE (fc1 Cisco Sx220 Series Switch Software, Version 1.1.3.1, RELEASE SOFTWARE CBS350-24P-4G 24-Port Gigabit PoE Managed Switch Firewall OCI Unimedsc Palo Alto Networks VM-Series firewall Canton-Firewall
771979	Add Device support from mapping emails (3 models) SG250-08 8-Port Gigabit Smart Switch S5700-10P-LI-AC DC FortiGate Cluster
774429	Add Device support from mapping emails (3 models) Cisco NX-OS(tm) nxos.7.0.3.I4.1.bin, Software (nxos), Version 7.0(3)I4(1) Dell Networking X1018P 1Gb PoE Switch SG350-28 28-Port Gigabit Managed Switch Ruijie 10G Ethernet Switch with PoE (S2910C-48GT2XS-HP-E)
777886	Add Device support from mapping emails (7 models) D-Link DGS-3130-30TS System - 24*10/100/1000M + 2*10GBase-T + 4*10G SFP+, 145.1.10.57 Fortigate Cisco IOS Software, CDB Software (CDB-UNIVERSALK9-M) Quidway S7706 Huawei Versatile Routing Platform Software VRP (R) Software, Version 5.170 (S7700 V200R019C10SPC500) Cisco IOS Software, C880 Software (C880VOICE-UNIVERSALK9-M) Fortinet Cisco IOS Software, ir800 Software (ir800-UNIVERSALK9-M)
779607	Add Device support from set mapping emails (2 models) ArubaOS (MODEL: ArubaMC-VA), Version 8.7.1.7 (82184) ZNTA_FW
781634	Add Device support from set mapping emails

Ticket #	Vendor
783982	S5700-52P-LI-AC Huawei Versatile Routing Platform Add Mappings from set device mapping emails S5720-12TP-LI-AC S5720-36PC-EI-AC S5720S-52P-SI-AC S5700-10P-PWR-LI-AC
787686	Add Mappings from set device mapping emails (13 models) S5735-L48T4S-A1 Huawei Versatile Routing Platform Software VRP (R) software CBS350-48P-4X 48-Port Gigabit PoE Stackable Managed Switch with 10G Uplinks CBS350-48P-4G 48-Port Gigabit PoE Managed Switch CBS350-8P-E-2G 8-Port Gigabit PoE Managed Switch CBS350-24T-4X 24-Port Gigabit Stackable Managed Switch with 10G Uplinks Linux Lethe 2.6.18-92cpx86_64 1 SMP Mon Oct 8 10:34:42 IDT 2018 x86_64 Juniper Networks, Inc. srx380-poe-ac internet router, kernel JUNOS 20.4R3-S1.3 S5735-L8P4S-A1 Huawei Versatile Routing Platform Software VRP (R) software Fortigate fw51E Quidway S9712 Huawei Versatile Routing Platform Software VRP (R) Software Brocade Communications Systems, Inc. FastIron SX 1600 CCB 1st Sessions Court FS108F Meraki MR36H Cloud Managed AP
792686	Add Device support from set device mapping emails (6 models) Huawei AR129CGVW-L Huawei Versatile Routing Platform Software VRP (R) software, Version 5.170 (AR120 V200R008C50SPC500) Cisco NX-OS(tm) nxos.9.3.7.bin, Software (nxos) Juniper Networks, Inc. ex4400-24p Ethernet Switch, kernel JUNOS 21.1R1.11 Aruba R8N85A 6000 48G CL4 4SFP Swch PL.10.09.1000 Aruba Instant On 1930 8G 2SFP Switch JL680A, InstantOn_1930_1.0.5.0 (139), Linux 4.4.120, U-Boot 2013.01 (V1.0.1.29) IE1000 Industrial Ethernet Switch, Version: 1.7.0

Ticket #	Vendor
796633	Add Device support from set device mapping emails (5 models) Fortigate Cisco IOS Software, C1000 Software (C1000-UNIVERSALK9-M), Version 15.2(7)E4 Aruba R8N87A 6000 24G CL4 4SFP Swch PL.10.08.1010 Meraki MS355-48X2 Cloud Managed Switch Dell EMC Networking OS10 Enterprise.S5224F-ON
790006	FNAC integration for Netgear S4300 and S3300 Switches
770214	Add Device support from mapping emails (7 models) S5300-52C-PWR-EI S5731-S48P4X Alcatel-Lucent Enterprise OS6465T-P12 Alcatel-Lucent Enterprise OS6465-P12 FG_GRP9 brayhall-core-router Meraki MR20 Cloud Managed AP
769085	Add Device support from mapping emails (3 models) MICROSENS G6 Micro-Switch S5731-H48T4XC FW_WLC
767310	Add Device support from mapping emails (2 models) 1910-24 Switch Software Version 5.20.99, Release 1119 Allied Telesis router/switch, AW+ v5.4.6-1.5
761980	Add Device Support mappings from emails (5 models) Alcatel-Lucent Enterprise OS6860E-P48 8.7.354.R01 Alcatel-Lucent Enterprise OS6560-24X4 8.7.98.R03 CHS_Fortigate_VM04 Alcatel-Lucent Enterprise OS6560-P48Z16 8.7.98.R03 Alcatel-Lucent Enterprise OS6560-P48X4 8.7.354.R01
760460	Add Device Support from mapping emails (10 Device Models) FortiSwitch Dell EMC Networking N1124T-ON, 6.7.1.1, Linux 4.14.174 Alcatel-Lucent Enterprise OS6560-P24X4 8.6.203.R02 Alcatel-Lucent OS6450-U24 6.7.2.49.R01 ExtremeXOS (X620-16x) version 21.1.3.7 21.1.3.7 ExtremeXOS (X450G2-24p-10G4) version 21.1.3.7 21.1.3.7 Aruba R0M68A 2930M-24SR-PoE-Class6 Switch, revision WC.16.11.0001, ROM WC.17.02.0007

Ticket #	Vendor
	Aruba JL727A 6200F 48G CL4 4SFP+370W Swch ML.10.05.0021 Aruba JL675A 6100 48G CL4 4SFP+ Swch PL.10.06.0001 PLANET, IGS-10020HPT, IE L2+ Managed Switch, v3.440b200817
752957	Add Device Support from mapping emails Aruba Instant On 1930 48G 4SFP/SFP+ Switch JL685A, InstantOn_1930_1.0.2.0 (125), Linux 4.4.120, U-Boot 2013.01 (V1.0.1.28) HPE Comware Platform Software, Software Version 7.1.045, Release 1122P02 HPE 5510 24G PoE+ 4SFP+ HI 1-slot Switch JH147A WS6-DGS-1210-28/F1 6.10.007 Dell Networking N1524, 6.2.6.6, Linux 3.6.5 Palo Alto Networks PA-3200 series firewall HP 1820-48G-PoE+ (370W) Switch J9984A, PT.01.10, Linux 3.6.5-79c95a77, U-Boot 2012.10-00116-g3ab515c Hirschmann MICE Switch Power Hirschmann Rail Switch Power Enhanced USIDC-FWL001 swich standalone NetVanta 1534P, Version: R11.13.0 AOS-W (MODEL: OAW-4030), Version 6.5.4.16 (74160)
765550	Add Device Support mappings from emails (5 models) Alcatel-Lucent Enterprise OS6560-48X4 8.7.98.R03 Enterasys Networks, Inc. A4H124-24 Rev 03.03.01.0011 24-port 10/100 PoE Switch w/4 gigabit ports S5735-L48P4X-A1 Huawei Versatile Routing Platform Software Huawei AR550E Huawei Versatile Routing Platform Software VRP (R) software,Version 5.170
762702	Add support for EMS paging with new API call
765568	Add support for Huawei AR550E router/switch
741373	Add support for Mobile Iron V2 API
754978	Add sysObjectID wildcarding to support an entire line of devices
765212	Add support for Http/https based sms gateway - initial db changes
746585	Add support for Cisco Mac Move Notification Traps

Ticket #	Vendor
820969	Add Support for : HP A5120-24G SI, S5720-52P-PWR-LI-AC, S5735-L8T4S-A1, SG500X-24
805669	Add support for Avaya VSP devices with Extreme sysObjectID
820169	Add support for Ruckus Wireless, Inc. ICX7850-48F
825061	Add support for keys encoded with openssh key format
824676	Add device mappings from latest email (Palo Alto PA-400, FGT-SG-SSL, DELL S5232F-ON, Allied Telesis)
819709	Add new service to handle database restores
827842	Add device mappings for Cisco IE2000, Huawei, Cisco CGR1000, DELL EMC
834059	Add mapping for new Fortigate device.
838902	Add device mappings from latest email (Cisco, Huawei, Meraki)
842976	Add device mappings from latest email (Cisco, SmartPro Switch, Aruba)
845410	Add device mappings from latest email
849478	Add support for the following devices (mapping received from e-mail)
847082	Add device mappings from latest email (Huawei, Extreme SLX9540, Baseline Switch, DGS)
840205	Add support for Westermo L210-F2G Rugged Compact Switches
844425	Add support for Allied Telesis 510L-52GT & 550-18XSQ switches
851405	Add device mappings from latest email (Meraki, Fortigate, Alcatel, Aruba)

Upgrade Requirements

Ticket #	Description
FortiNAC License Key	<p>Upgrading to this release requires the FortiNAC License. It is possible, however unlikely, older appliances may not have this specific type of license key installed. In such cases, an error will display during the upgrade. For additional details, see KB article https://community.fortinet.com/t5/FortiNAC/Troubleshooting-Tip-Upgrade-fails-with-license-requirement-error/ta-p/246324</p>
Upgrade Path Requirements	<p>Systems on version 9.1.6 must upgrade to either:</p> <ul style="list-style-type: none"> • Higher version of 9.1 (e.g. 9.1.7) • 9.2.4 or higher <p>Systems on versions 8.2 or lower must upgrade to 8.3 before upgrading to 8.4 or higher.</p>
892856	<p>High Availability and FortiNAC Manager Environments: The following are required as of 7.2.2:</p> <p>Key files containing certificates are installed in all FortiNAC servers. License keys with certificates were introduced on January 1st 2020. Appliances registered after January 1st should have certificates. To confirm, login to the UI of each appliance and review the System Summary Dashboard widget (Certificates = Yes). If there are no certificates, see Importing License Key Certificates in the applicable FortiNAC Manager Guide.</p> <p>Allowed serial numbers: Due to enhancements in communication between FortiNAC servers, a list of allowed FortiNAC appliance serial numbers must be set. This can be configured prior to upgrade to avoid communication interruption. For instructions, see What's New.</p>
834826	<p>As of FortiNAC versions 9.4.2 & vF7.x, Persistent Agent communication using UDP 4567 is no longer supported.</p> <p>It is recommended the following be checked prior to upgrade to avoid agent communication disruptions:</p> <ul style="list-style-type: none"> • SSL certificates are installed for the Persistent Agent target • Persistent Agents are running a minimum version of 5.3 <p>For additional details see KB article 251359. https://community.fortinet.com/t5/FortiNAC/Technical-Note-Agent-communication-using-UDP-4567-no-longer/ta-p/251359</p>
885056	<p>All devices managed by FortiNAC must have a unique IP address. This includes FortiSwitches in Link Mode: Managed FortiSwitch interface IP addresses must be unique. Otherwise, they will not be properly managed by FortiNAC and inconsistencies may occur. This is also noted in the FortiSwitch Integration reference manual.</p>
829805	<p>FortiNAC supports REST API V2. For a list of supported v2 calls see</p>

Ticket #	Description
	<p data-bbox="558 256 1341 317">https://docs.fortinet.com/document/fortinac/9.2.0/rest-api-v2?preview_token=fc0e8d44856a1745b0f6</p> <p data-bbox="558 369 1390 430">As of FortiNAC version 7.2, all v1 calls have been deprecated except for the following:</p> <ul data-bbox="574 438 964 583" style="list-style-type: none"><li data-bbox="574 438 964 470">• FortinetFabricIntegrationService<li data-bbox="574 478 889 510">• ServerInformationService<li data-bbox="574 518 889 550">• ServiceDocumentService<li data-bbox="574 558 769 590">• ControlService

System Update Settings

1. In the FortiNAC Administrative UI, navigate to **System > Settings > Updates > System**.
2. Update the appropriate fields to configure connection settings for the download server.

Field	Definition
Host	Set to fnac-updates.fortinet.net
Auto-Definition Directory	Keep the current value.
Product Distribution Directory	Set to Version_F7_2
Agent Distribution Directory	Keep the current value.
User	User Credentials required.
Password	Contact Support and reference KB article 291654 .
Protocol	Set to desired protocol (FTP, PFTP, HTTP, HTTPS) Note: SFTP has been deprecated and connections will fail using this option. SFTP will be removed from the drop down menu in a later release.

3. When the download settings have been entered, click **Save Settings**.

Numbering Conventions

Fortinet is using the following version number format:

<First Number>.<Second Number>.<Third Number>.<Fourth Number>

Example: 7.2.0.0035

- First Number = major version
 - Second Number = minor version
 - Third Number = maintenance version
 - Fourth Number = build version
-
- Release Notes pertain to a certain version of the product. Release Notes are revised as needed. The Rev letter increments accordingly. For example, updating the Release Notes from Rev C to Rev D indicates changes in the Release notes only -- no changes were made to the product.



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