FortiNAC - FortiSIEM Device Integration

Version 9.2

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FortiNAC 9.2 FortiSIEM Device Integration
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Overview

The information in this document provides guidance for configuring the XXXX device to be managed by FortiNAC. This document details the items that must be configured.

Note: As much information as possible about the integration of this device with FortiNAC is provided. However, the hardware vendor may have made modifications to the device's firmware that invalidate portions of this document. If having problems configuring the device, contact the vendor for additional support.

Tip: For hyperlinks referencing other documentation, right-click the link and select **Open in New Tab.**

What it Does

FortiSIEM generates incidents when logs are received that match rules configured in the system. These logs can be from any supported device. When an incident is generated, FortiSIEM can forward the incident details to FortiNAC for enforcement.

FortiNAC parses the incident received from FortiSIEM, and uses the parsed data to generate a security event. These security events can then be used by FortiNAC to trigger an automated or manual action, such as a device quarantine.

In return, FortiNAC can send logs back to FortiSIEM via Syslog. These can be parsed by FortiSIEM and stored along with other events for inclusion in dashboards, reports, analytics and rules.

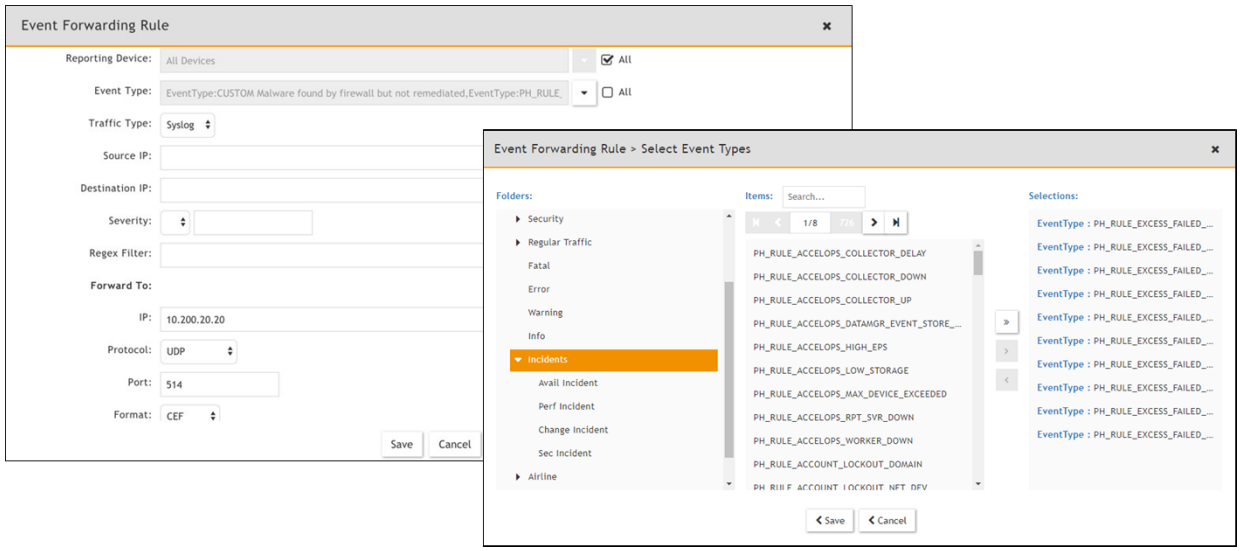
This flexible integration allows FortiSIEM and FortiNAC to work together to action events from across the network.

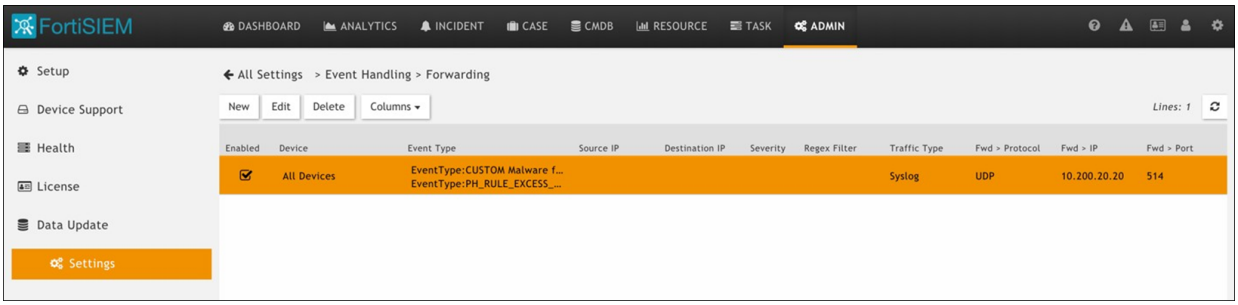
FortiSIEM Integration

Configure FortiSIEM

Configure FortiSIEM to forward the events generated by security incidents to FortiNAC.

1. Navigate to **Admin > Settings > Event Handling > Forwarding.**
2. Create **New Rule.**
3. Select the Reporting Device or **All Devices**.
4. Select Event Type:
   a. Navigate to the 'Incidents' event type group.
   b. Choose the incidents that should be forwarded to FortiNAC from the list.
   Note: In FSM 5.2.1 the individual incidents must be selected. Selecting the group does not work.
5. Set **Traffic Type** to Syslog.
6. Under **Forward To:**
   - **IP**: FortiNAC ETH0 IP address
   - **Protocol**: UDP
   - **Port**: 514
   - **Format**: CEF
7. Click **Save**.
8. Ensure the Enabled check box is ticked.





Configure FortiNAC

1. Create new security event parser for FortiSIEM as follows:
   a. Navigate to **System > Settings > System Communication > Security Event Parsers.**
   b. Create **New** Parser. For instructions see Security event parsers in the Administration Guide.
   - Name: FortiSIEM
   - Vendor: Fortinet
   - Format: CEF
   - Data Fields:

Source IP Column/Tag:	Entire Column/Tag	SRC
Destination IP Column/Tag:	Entire Column/Tag	DST
Type Column/Tag:	Entire Column/Tag	DEVICEPRODUCT
Subtype Column/Tag:	Entire Column/Tag	RULENAME
Threat ID Column/Tag:	Entire Column/Tag	RT
Description Column/Tag:	Entire Column/Tag	INCIDENTDETAIL
Severity Column/Tag:	Entire Column/Tag	SEVERITY

   - Severity Mapping:

Source Value	Severity Value
1	1
2	2
3	3
4	4
5	5
6	6
7	7

Source Value	Severity Value
8	8
9	9
10	10

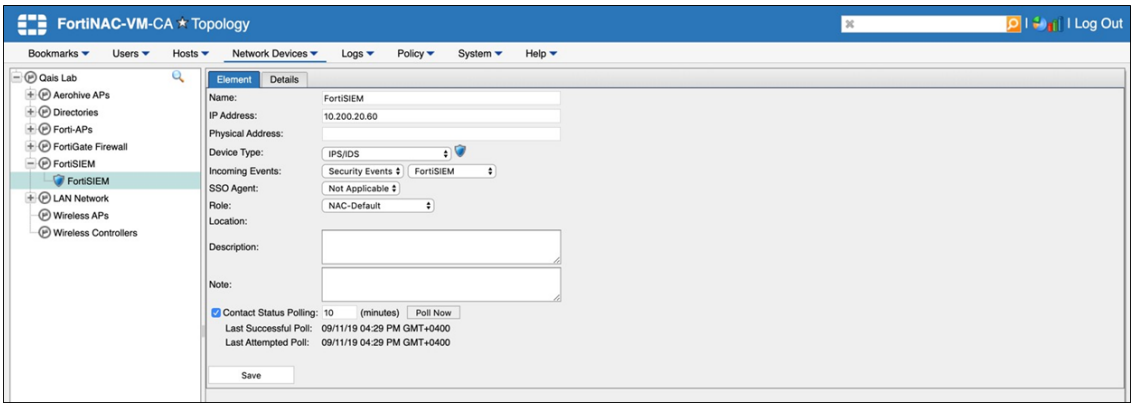
2. In order to parse the received Security Events from FortiSIEM, add FortiSIEM as pingable device in Inventory.

   a. Navigate to **Network > Inventory**.

   b. Select a **Container** from the lift side panel.

   c. Click **Add Pingable**

   - **Name**: FortiSIEM
   - **IP Address**: FortiSIEM IP Address
   - **Physical Address**: FortiSIEM MAC address
   - **Device Type**: IPS/IDS
   - **Incoming Events**: Security Event >> FortiSIEM
   - **Save**



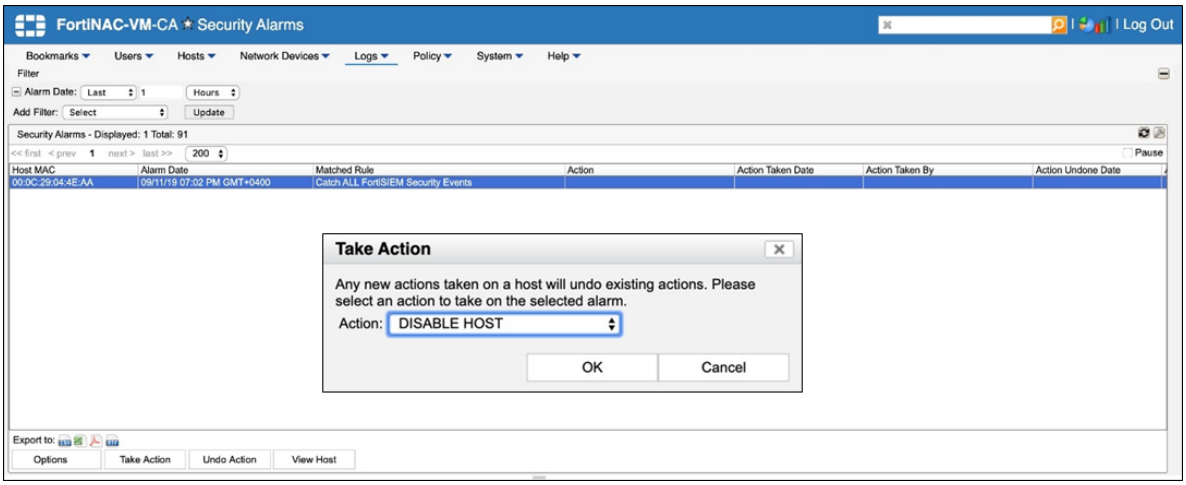
3. Create new Security Rule to catch all the incoming security events from FortiSIEM.

   a. Navigate to **Logs > Security Incidents > Rules.**

   b. Create new Rule. For instructions see Add or modify a security rule in the Administration Guide.

   - **Enable** the Rule.
   - **Name**: any. example: “Catch ALL FortiSIEM Security Events”.
   - **Trigger**: Create New Trigger:
     - Vendor: Fortinet
     - Type: FortiSIEM
   - **User/Host Profile**: None
   - **Action**: None

4. To view security events, go to **Logs > Security Incidents > Events**. For details see Security events in the Administration Guide.
5. Create and manage security rules based on triggers that correlate incoming events from FortiSIEM. When a security event is received, the highest ranked security rule with a trigger satisfied and a matching User/Host profile creates a security alarm. The rule may then take an action automatically or manually.


FortiNAC-VM-CA Security Alarms
Log Out
Bookmarks
Users
Hosts
Network Devices
Logs
Policy
System
Help
Filter
Alarm Date: Last 1 Hours
Add Filter: Select Update
Security Alarms - Displayed: 1 Total: 91
Pause
Host MAC
Alarm Date
Matched Rule
Action
Action Taken Date
Action Taken By
Action Undone Date
00:0C:29:04:4E:AA
09/11/19 07:02 PM GMT+0400
Catch ALL FortiSIEM Security Events
Take Action
Any new actions taken on a host will undo existing actions. Please select an action to take on the selected alarm.
Action: DISABLE HOST
OK
Cancel
Export to:
Options
Take Action
Undo Action
View Host