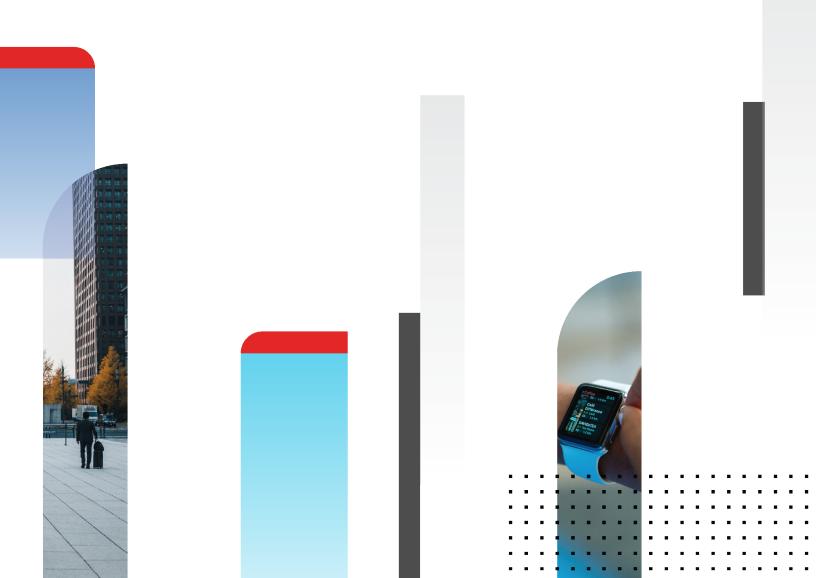
### F**E**RTINET.

# **3500F Hardware Configuration Guide**

FortiSIEM 6.4.1



#### FORTINET DOCUMENT LIBRARY

https://docs.fortinet.com

FORTINET VIDEO LIBRARY https://video.fortinet.com

FORTINET BLOG

https://blog.fortinet.com

CUSTOMER SERVICE & SUPPORT

https://support.fortinet.com

FORTINET TRAINING & CERTIFICATION PROGRAM

https://www.fortinet.com/training-certification

#### FORTINET TRAINING INSTITUTE

https://training.fortinet.com

FORTIGUARD LABS https://www.fortiguard.com

END USER LICENSE AGREEMENT https://www.fortinet.com/doc/legal/EULA.pdf

FEEDBACK

Email: techdoc@fortinet.com



01/04/2024 FortiSIEM 6.4.1 3500F Hardware Configuration Guide

### **TABLE OF CONTENTS**

Change Log	4
Appliance Setup	5
All-in-one Installation	5
Step 1: Rack mount the FSM-3500F appliance	
Step 2: Power On the FSM-3500F appliance	6
Step 3: Verify System Information	6
Step 4: Configure FortiSIEM via GUI	7
Step 5: Generate FortiSIEM FSM-3500F License Key file from FortiCare	13
Step 6: Register FortiSIEM License	13
Step 7: Accessing FortiSIEM UI	14
Step 8: Choose an Event Database	14
Cluster Installation	
Installing the Supervisor	14
Installing Workers	
Registering Workers	16
Installing Collectors	17
Registering Collectors	17
Factory Reset	
Step 1: Uninstall FortiSIEM application	
Step 2: Reinstall FortiSIEM application	

# Change Log

Date	Description
03/30/2018	Initial release of this guide.
06/13/2019	Revision 1: Updated instructions for "Using FortiSIEM".
09/11/2019	Revision 2: Changed the location where you obtain images to https://support.fortinet.com.
08/15/2020	Revision 3: Added new sections for "Configuring FortiSIEM via a GUI", "Choose an Event Database", and "Cluster Installation".
10/09/2020	Revision 4: Added migration instructions.
11/11/2020	Revision 5: Release for 6.1.2.
12/08/2020	Revision 6: Small addition to Register Collectors.
03/23/2021	Revision 7: Release for 6.2.0.
04/20/2021	Revision 8: Updated Step 8: Choose an Event Database for 6.2.0.
05/06/2021	Revision 9: Release for 6.2.1.
05/19/2021	Revision 10: Updated Factory Reset section for 6.2.x.
06/07/2021	Revision 11: Updated Elasticsearch screenshot for 6.2.x guides.
07/06/2021	Revision 12: Release for 6.3.0.
08/26/2021	Revision 13: Release for 6.3.1.
10/15/2021	Revision 14: Release for 6.3.2.
11/17/2021	Revision 15: Updated Register Collectors instructions for 6.x guides.
12/22/2021	Revision 16: Release for 6.3.3.
01/18/2022	Revision 17: Release for 6.4.0.
05/23/2022	Revision 18: Release for 6.4.1.
10/20/2022	Revision 19: Updated Register Collectors instructions for 6.x guides.
12/14/2022	Revision 20: Release for 6.4.2.
09/01/2023	Revision 21: Release for 6.4.3.

# **Appliance Setup**

Follow the steps below to setup FSM-3500F appliance.

- All-in-one Installation
- Cluster Installation

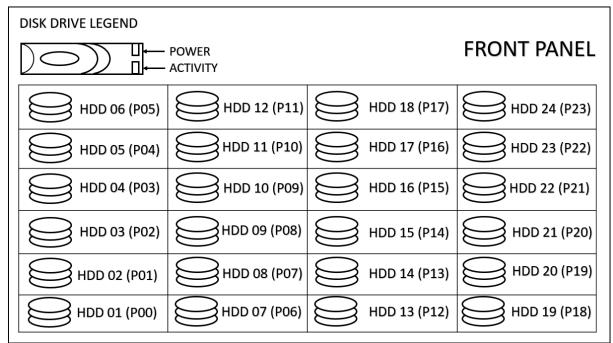
### **All-in-one Installation**

Follow these steps to install all of the FortiSIEM components at one time.

- Step 1: Rack mount the FSM-3500F appliance
- Step 2: Power On the FSM-3500F appliance
- Step 3: Verify System Information
- Step 4: Configure FortiSIEM via GUI
- Step 5: Generate the FortiSIEM FSM-3500F License Key file
- Step 6: Register the FortiSIEM License
- Step 7: Accessing FortiSIEM UI
- Step 8: Choose an Event Database

#### Step 1: Rack mount the FSM-3500F appliance

- 1. Follow FortiSIEM 3500F QuickStart Guide here to mount FSM-3500F into the rack.
- **2.** Insert Hard Disks positions as shown below:



3. Connect FSM-3500F to the network by connecting an Ethernet cable to Port0.



Before proceeding to the next step, connecting Ethernet cable to Port0 is required for Network configuration.

#### Step 2: Power On the FSM-3500F appliance

- 1. Make sure the FSM-3500F device is connected to a Power outlet and an Ethernet cable is connected to Port0.
- 2. Power On the FSM-3500F device.



FSM-3500F appliance does not have a default IP address. To connect to the GUI, an IP address must be configured using the GUI (Step 4).

#### **Step 3: Verify System Information**

- 1. Connect to the FSM-3500F appliance using VGA port or Console port.
- 2. Login as 'root' user with password ProspectHills. You will be required to change the password. Remember this password for future use. Once you change the password, you will be logged out. Login again with your new password.
- 3. Run get to check the available FortiSIEM commands.

4. Use these commands to check the hardware information. After running each command, ensure that there are no errors in the displayed output.

Command	Description
get system status	Displays system name, version and serial number.
diagnose hardware info	Displays system hardware information like CPUs, Memory and RAID information.
diagnose interface detail port0	Displays interface status.

### Step 4: Configure FortiSIEM via GUI

Follow these steps to configure FortiSIEM by using a simple GUI.

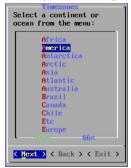
- 1. Log in as user root with the password you set in Step 3 above.
- 2. At the command prompt, go to /usr/local/bin and enter configFSM.sh, for example:
   # configFSM.sh
- 3. In the console, select 1 Set Timezone and then press Next.

Set TimeZone	-Configure TIMEZONE	
	1 Yes 2 No	
< <u>N</u> e	ext > < Exit >	

4. Select your Region, and press Next.



5. Select your Country, and press Next.



6. Select the Country and City for your timezone, and press Next.



7. Select 1 Supervisor. Press Next.





Regardless of whether you select **Supervisor** or **Worker**, you will see the same series of screens.

8. If you want to enable FIPS, then choose 2. Otherwise, choose 1. You have the option of enabling FIPS (option 3) or disabling FIPS (option 4) later.

**Note**: After Installation, a 5th option to change your network configuration (**5 change\_network\_config**) is available. This allows you to change your network settings and/or host name.



**9.** Determine whether your network supports IPv4-only, IPv6-only, or both IPv4 and IPv6 (Dual Stack). Choose **1** for IPv4-only, choose **2** for IPv6-only, or choose **3** for both IPv4 and IPv6.

Select Operation	Configure Supervisor -
	<b>IPv4</b> 2 IPv6
	3 Both IPv4 and IPv6
L	
< Next >	< BACK > < Exit >

- 10. If you choose 1 (IPv4) or choose 3 (Both IPv4 and IPv6), and press Next, then you will move to step 11. If you choose 2 (IPv6), and press Next, then skip to step 12.
- 11. Configure the network by entering the following fields. Note the IP Address--you will need it in a later step. Press Next.

Option	Description
IPv4 Address	The Supervisor's IPv4 address
NetMask	The Supervisor's subnet
Gateway	Network gateway address
DNS1, DNS2	Addresses of the DNS servers

Configure IPv4	Configure IPv4 For Supervisor Network
IPv4 Address: Netmask: Gateway: DNS1: DNS2:	172.30.56.103 255.255.252.0 172.30.56.1 172.30.1.105
< Nex	xt > < Back > < Exit >

12. If you chose 1 in step 9, then you will need to skip to step 13. If you chose 2 or 3 in step 9, then you will configure the IPv6 network by entering the following fields, then press **Next**.

Option	Description
IPv6 Address	The Supervisor's IPv6 address
prefix (Netmask)	The Supervisor's IPv6 prefix
Gateway ipv6	IPv6 Network gateway address
DNS1 IPv6, DNS2 IPv6	Addresses of the IPv6 DNS server 1 and DNS server2

Configure IPV6 Net	gure IPv6 for Supervisor work
IPv6 Address: prefix (Netmask): Gateway ipv6: DNS1 IPv6: DNS2 IPv6:	2001:815a:1:1::ac1e:2050 64 2001:815a:1:1::ac1e:3820 2001:815a:1:1::ac1e:1007
< Next >	< Back > < Exit >

**Note**: If you chose option **3** in step 9 for both IPv4 and IPv6, then even if you configure 2 DNS servers for IPv4 and IPv6, the system will only use the first DNS server from IPv4 and the first DNS server from the IPv6 configuration. **Note**: In many dual stack networks, IPv4 DNS server(s) can resolve names to both IPv4 and IPv6. In such environments, if you do not have an IPv6 DNS server, then you can use public IPv6 DNS servers or use IPv4-mapped IPv6 address.

13. Configure Hostname for Supervisor. Press Next.

Configure ho	<b>Configure Hostname</b> ostname	For Supervisor
Host name:	Supervisor-Host	name
l		-
<	Next > < Back	> < Exit >

**Note**: FQDN is no longer needed.

14. Test network connectivity by entering a host name that can be resolved by your DNS Server (entered in the previous step) and responds to ping. The host can either be an internal host or a public domain host like google.com. In order for the migration to complete, the system still needs https connectivity to FortiSIEM OS update servers: os-pkgs-cdn.fortisiem.fortinet.com and os-pkgs-c8.fortisiem.fortinet.com. Press Next.

**Note**: By default, "google.com" is shown for the connectivity test, but if configuring IPv6, you must enter an accessible internally approved IPv6 DNS server, for example: "ipv6-dns.fortinet.com"

**Note**: When configuring both IPv4 and IPv6, only testing connectivity for the IPv6 DNS is required because the IPV6 takes higher precedence. So update the host field with an approved IPv6 DNS server.

Configure Supervisor Enter host for checking network connectivity			
ipv6-dns.fortinet.com	I		
< Next >	< Back >	< Exit >	

**15.** The final configuration confirmation is displayed. Verify that the parameters are correct. If they are not, then press **Back** to return to previous dialog boxes to correct any errors. If everything is OK, then press **Run**.

Run Configuration Command: python /usr/local/bin/configur 172.30.56.103 -m 255.255.252.0 dns1 172.30.1.105dns61 2 2001:815a:1:1::ac1e:3103m6 testpinghost ipv6-dns.fortin	) -g 172.30.56.1 2001:815a:1:1::a 64g6 2001:81	r -z America/Los_Angeles host sp56103-3103-v46 c1e:1007i6	-t 64
< Run >	< Back >	< Exit >	

The options are described in the following table.

Option	Description
-r	The FortiSIEM component being configured
-Z	The time zone being configured
-i	IPv4-formatted address
-m	Address of the subnet mask

Option	Description
-g	Address of the gateway server used
host	Host name
-f	FQDN address: fully-qualified domain name
-t	The IP type. The values can be either <b>4</b> (for <b>ipv4</b> ) or <b>6</b> (for <b>v6</b> ) or <b>64</b> (for both ipv4 and ipv6).
dns1,dns2	Addresses of the DNS servers
i6	IPv6-formatted address
m6	IPv6 prefix
g6	IPv6 gateway
-0	Installation option ( <b>install_without_fips</b> , <b>install_with_fips, enable_fips, disable_fips</b> , <b>change_network_config</b> *) *Option only available after installation.
-Z	Time zone. Possible values are <b>US/Pacific</b> , <b>Asia/Shanghai, Europe/London</b> , or <b>Africa/Tunis</b>
testpinghost	The host used to test connectivity

16. It will take some time to complete the FortiSIEM installation. If the installation is successful, then the appliance will reboot automatically. Otherwise, the appliance will stop at the failed task. You can inspect the ansible.log file located at /usr/local/fresh-install/logs if you encounter any issues during FortiSIEM installation.

After installation completes, ensure that the phMonitor is up and running, for example:

# phstatus

The response should be similar to the following:

Appliance	Setup
-----------	-------

phParserDOWNphQueryMasterDOWNphRuleMasterDOWNphRuleWorkerDOWNphQueryWorkerDOWNphDataManagerDOWNphDiscoverDOWNphReportWorkerDOWNphReportWorkerDOWNphReportMasterDOWNphIpIdentityWorkerDOWN	
phRuleMasterDOWNphRuleWorkerDOWNphQueryWorkerDOWNphDataManagerDOWNphDiscoverDOWNphReportWorkerDOWNphReportMasterDOWN	
phRuleWorkerDOWNphQueryWorkerDOWNphDataManagerDOWNphDiscoverDOWNphReportWorkerDOWNphReportMasterDOWN	
phQueryWorker     DOWN       phDataManager     DOWN       phDiscover     DOWN       phReportWorker     DOWN       phReportMaster     DOWN	
phDataManagerDOWNphDiscoverDOWNphReportWorkerDOWNphReportMasterDOWN	
phDiscoverDOWNphReportWorkerDOWNphReportMasterDOWN	
phReportWorker DOWN phReportMaster DOWN	
phReportMaster DOWN	
phIpIdentityWorker DOWN	
phIpIdentityMaster DOWN	
phAgentManager DOWN	
phCheckpoint DOWN	
phPerfMonitor DOWN	
phDataPurger DOWN	
phEventForwarder DOWN	
phMonitor 32:18 0 1263m 568m	
Apache 32:49 0 314m 17m	
Rsyslogd 32:42 0 192m 4216k	
Node.js-charting 32:36 0 642m 79m	
Node.js-pm2 32:19 0 636m 52m	
Node.js-exporter 32:31 0 10902m 59m	
Node.js-jsreport 32:36 0 957m 117m	
phFortiInsightAI DOWN	
phAnomalyWorker DOWN	
AppSvr 32:17 4 31781m 4433m	
DBSvr 32:49 0 425m 37m	
phAnomalyMaster DOWN	
SVNLite 32:49 0 37923m 579m	
Redis 32:21 0 204m 82m	

#### Step 5: Generate FortiSIEM FSM-3500F License Key file from FortiCare

- 1. Obtain the Hardware Serial Number from FSM-3500F appliance from FortiCare Support Services.
- 2. Follow FortiSIEM Licensing Guide here to generate the license key file remember to use 'Hardware Serial Number' for Hardware ID.

#### Step 6: Register FortiSIEM License

- 1. Note the IP Address assigned to FortiSIEM in Step 4.
- 2. Access FortiSIEM from browser (https://<FortiSIEM-IP>).
- **3.** Upload the license file obtained from Step 5 and select the **License Type** based on your deployment (note this choice can only be made once and is not reversible):
  - Enterprise for single organizations
  - Service Provider for multiple organizations
- 4. Click Upload to complete the license registration.

#### Step 7: Accessing FortiSIEM UI

- 1. Note the IP Address assigned to FortiSIEM in Step 5.
- 2. Access FortiSIEM from browser (https://<FortiSIEM-IP>). Please note that if you are logging into FortiSIEM with an IPv6 address, you should input https://[IPv6 address] on the browser tab.
- 3. Login to FortiSIEM using the default user name, password, and organization:
  - UserID: admin
  - Password: admin\*1
  - Cust/OrgID: super (if shown)

#### Step 8: Choose an Event Database

For a fresh installation, you will be taken to the Event Database Storage page.

Option	Description
Local HW Appliance Storage	Enter the "hardware" without the quotes, to use the inbuilt storage and FortiSIEM event database.
NFS	For more details, see Configuring Storage. Using NFS will not utilize the hardware appliance storage.
Elasticsearch	For more details, see Configuring Storage. Using Elasticsearch will not utilize the hardware appliance storage.

### **Cluster Installation**

For larger installations, you can choose Worker nodes and external storage (NFS or Elasticsearch).

- Installing the Supervisor
- Installing Workers
- Registering Workers
- Installing Collectors
- Registering Collectors

#### Installing the Supervisor

Follow the steps in All-in-one Installation with two differences:

- Setting up hardware you do not need an event database.
- Setting up an Event database Configure the cluster for either NFS or Elasticsearch. **NFS**

<b>X</b>	FortiSIEM
Event Database store	age:
<ul> <li>Local Disk</li> </ul>	
NFS	
Server IP/Host:	Server IP/Host
Exported Directory:	Exported Directory
○ Elasticsearch	
	Test

#### Elasticsearch

	🛪 FortiSIEM
Event Database storage: Local Disk NFS Elasticsearch	
ES Service Type:	• Native ○ Amazon ○ Elastic Cloud
URL:	https://
REST Port:	443 0
User Name:	(Optional)
Password:	(Optional)
Confirm Password:	
Shard Allocation:	• Fixed • Dynamic
Shards:	5 .
Replicas:	1
Per Org Index	
	Test

You must choose external storage listed in Step 8: Choose an Event Database.

#### **Installing Workers**

Once the Supervisor is installed, follow the same steps in All-in-one Installation to install a Worker except that you choose **2 Worker** during Step 4: Configure FortiSIEM via GUI substep 7.

#### **Registering Workers**

Once the Worker is up and running, add the Worker to the Supervisor node.

- 1. Go to ADMIN > License > Nodes.
- 2. Select Worker from the drop-down list and enter the Worker's IP address and host name. Click Add.

Ē	Add Node		×	
	Туре:	Worker 🗸		l
	Worker IP Address:	172.30.58.9		lole
	Host Name:	wk589		
		Save Cancel		

3. See ADMIN > Health > Cloud Health to ensure that the Workers are up, healthy, and properly added to the system.

	Cloud Health Colle	ector Health							
🌣 Setup	Cloud Health Colle	ector neatth							
🗇 Device Support	Search	Columns 🕶						Lines: 2 Last update at 8:4	49:17 PM
📑 Health	Name	IP Address	Module Role	Health V	ersion	Load Average	CPU	Swap Used	
-	sp572.fortinet.com	172.30.57.2	Supervisor	Normal 6	.1.0.1238	0.95,0.47,0.4	3 4%	0 KB	
I License	wk573.fortinet.com	172.30.57.3	Worker	Normal 6	.1.0.1238	0.1,0.2,0.16	2%	0 KB	
🕫 Settings									
	Search	Columns -		Proce	ss level metrics for wk5	73.fortinet.com (1)	2.30.57.3)		Lines: 17
	Process Name	Status	Up Time	CPU	Physical Memory	Virtual Memory	SharedStore ID	SharedStore Position	
	Node.js-charting	Up	1h 3m	0%	70 MB	916 MB			^
	httpd	Up	14m 6s	0%	16 MB	310 MB			
	Redis	Up	14m 6s	0%	22 MB	51 MB			
	Node.js-pm2	Up	1h 3m	0%	44 MB	899 MB			
	rsyslogd	Up	1h 3m	0%	7 MB	189 MB			
	phDataManager	UD	14m 6s	0%	103 MB	1229 MB	1	126108	•
Copyright © 2020 Fortinet, Inc. All right	s reserved.		Organization:	: Super User: adm	nin Scope: Global				FortiSIE//

#### **Installing Collectors**

Once Supervisor and Workers are installed, follow the same steps in All-in-one Install to install a Collector except only choose OS and OPT disks. The recommended settings for Collector node are:

- CPU = 4
- Memory = 8GB
- Two hard disks:
  - OS-25GB
  - OPT 100GB

For OPT - 100GB, the 100GB disk for /opt will consist of a single disk that will split into 2 partitions, /OPT and swap. The partitions will be created and managed by FortiSIEM when configFSM.shruns.

#### **Registering Collectors**

Collectors can be deployed in Enterprise or Service Provider environments.

- Enterprise Deployments
- Service Provider Deployments

#### **Enterprise Deployments**

For Enterprise deployments, follow these steps.

- 1. Log in to Supervisor with 'Admin' privileges.
- 2. Go to ADMIN > Settings > System > Event Worker.
  - a. Enter the IP of the Worker node. If a Supervisor node is only used, then enter the IP of the Supervisor node. Multiple IP addresses can be entered on separate lines. In this case, the Collectors will load balance the upload of events to the listed Event Workers.

**Note**: Rather than using IP addresses, a DNS name is recommended. The reasoning is, should the IP addressing change, it becomes a matter of updating the DNS rather than modifying the Event Worker IP addresses in FortiSIEM.

- b. Click OK.
- 3. Go to ADMIN > Setup > Collector and add a Collector by entering:
  - a. Name Collector Name
  - **b.** Guaranteed EPS this is the EPS that Collector will always be able to send. It could send more if there is excess EPS available.
  - c. Start Time and End Time set to Unlimited.
- 4. SSH to the Collector and run following script to register Collectors:

# /opt/phoenix/bin/phProvisionCollector --add <user> '<password>' <Super IP or
Host> <Organization> <CollectorName>

The password should be enclosed in single quotes to ensure that any non-alphanumeric characters are escaped.

- a. Set user and password using the admin user name and password for the Supervisor.
- **b.** Set Super IP or Host as the Supervisor's IP address.
- c. Set Organization. For Enterprise deployments, the default name is Super.
- d. Set CollectorName from Step 2a.

The Collector will reboot during the Registration.

Setup	Cloud Health Col	llector Health									
Device Support	Show Processes	Tunnels 💠	Action - Search		Columns 🗸				Lines: 1	Last update at 8	8:54:17 PM
📑 Health	Organization	Name	IP Address	Status	Health	Up Time	CPU	Memory	Allocated EPS	Incoming EPS	Version
I License	Super	CO-ORG	172.30.57.4	up	Normal	3m 4s	65%	5%	200	0	6.1.0
Settings											
	<ul> <li>Close Panel Sear</li> </ul>	rch	Columns 🕶				-		Lin	nes: 9 Last upda	te at 8:54:2
			Columns • Status : Up Time	CPL	J Physical N	lemory : Virtual Me	mory   S	SharedStore D	Lin SharedStore Po		te at 8:54:2
	Close Panel Sear	ł		CPU 0%		lemory : Virtual Me 1116 MB	mory [	SharedStore D			te at 8:54:2
	Close Panel Sear Process Name	:	Status   Up Time		575 MB			SharedStore D 99			te at 8:54:2
	Close Panel Sear Process Name phMonitorAgent	ł	Status Up Time Up 29s	0%	575 MB 106 MB	1116 MB			SharedStore Po		te at 8:54:2
	Close Panel Sear Process Name phMonitorAgent phParser	1	Status Up Time Up 29s Up 17s	0% 0%	575 MB 106 MB 79 MB	1116 MB 1190 MB			SharedStore Po		te at 8:54:2

5. Go to ADMIN > Health > Collector Health for the status.

#### **Service Provider Deployments**

For Service Provider deployments, follow these steps.

- 1. Log in to Supervisor with 'Admin' privileges.
- 2. Go to ADMIN > Settings > System > Event Worker.
  - a. Enter the IP of the Worker node. If a Supervisor node is only used, then enter the IP of the Supervisor node. Multiple IP addresses can be entered on separate lines. In this case, the Collectors will load balance the upload of events to the listed Event Workers.

**Note**: Rather than using IP addresses, a DNS name is recommended. The reasoning is, should the IP addressing change, it becomes a matter of updating the DNS rather than modifying the Event Worker IP addresses in FortiSIEM.

b. Click OK.

c.

Setup	← All Settings > Sys	tem > Event Worker	
🖨 Device Support	Worker Address:	172.30.57.3	+ -
🛢 Health			
I License		Save	
😂 Settings			

Organization:	ORG	Include IP/IP Range:	
Full Name:		Exclude IP/IP Range:	
Admin User:	admin	Agent User:	
Admin Password:	••••••	Agent Password:	
Confirm Admin Password:	••••••	Confirm Agent Password:	
Admin Email:	Required	Max Devices:	
Phone:		Address:	
Account Number:		Account Type:	
Support Tier:		Account Status:	
Support Team:		Account Manager:	
Collectors:	New Edit Delete		
	Collector Name Collector EPS	UpLoad Rate Limit	Valid Start Date Valid End Dat

3. Go to ADMIN > Setup > Organizations and click New to add an Organization.

- 4. Enter the Organization Name, Admin User, Admin Password, and Admin Email.
- 5. Under Collectors, click New.
- Enter the Collector Name, Guaranteed EPS, Start Time, and End Time.
   The last two values could be set as Unlimited. Guaranteed EPS is the EPS that the Collector will always be able to send. It could send more if there is excess EPS available.

Organization Definiti	on (ORG) - Add Collector	×
Name:	Required	
Guaranteed EPS:	Required	
Upload Rate Limit (Kbps):	Unlimited	
Start Time:	Unlimited	
End Time:	Unlimited	
	<pre>\$ Save</pre> \$ Cancel	

7. SSH to the Collector and run following script to register Collectors:

# /opt	t/phoenix/bin/pł	nProvisionCollector	add	<user></user>	' <password>'</password>	<super< th=""><th>IP</th><th>or</th></super<>	IP	or
Host>	<organization></organization>	<collectorname></collectorname>						

The password should be enclosed in single quotes to ensure that any non-alphanumeric characters are escaped.

- a. Set user and password using the admin user name and password for the Organization that the Collector is going to be registered to.
- **b.** Set Super IP or Host as the Supervisor's IP address.
- c. Set Organization as the name of an organization created on the Supervisor.
- d. Set CollectorName from Step 6.



The Collector will reboot during the Registration.



Image: Section opport       Organization       Name       IP Address       Status       Health       Up Time       CPU       Memory       Allocated EPS       Income         Image: License       Super       CO-ORG       172.30.57.4       up       Normal       3m 4s       65%       5%       200       0         Image: Sectionse       Columns -       Columns -       Close Panel       Search       Columns -       Lines: 9         Process Name       IStatus       Up       Physical Memory       Virtual Memory       SharedStore       SharedS	odate at 8:54:17 PM ning EPS   Version   6.1.0
Image: Process Name       Image: Status       Up       Normal       3m 4s       65%       5%       200       0         Image: Process Name       Istatus       Up       Time       CPU       Physical Memory       IstatedStore       IstatedStore	
License      Settings      License      Close Panel Search      Columns       Lines: 9      Process Name     Status Up Time     CPU     Physical Memory   Virtual Memory   SharedStore     SharedStore Position     phMonitorAgent     Up     295     05     575 MB     1116 MB	6.1.0
Close Panel Search Columns • Lines: 9 Process Name Status Up Time CPU Physical Memory Virtual Memory SharedStore Position phMonitorAgent Up 29s 0% 575 M8 1116 M8	
Process Name     Status     Up Time     CPU     Physical Memory     Virtual Memory     SharedStore     SharedStore     Position       phMonitorAgent     Up     29s     0%     575 MB     1116 MB	
Process Name     Status     Up Time     CPU     Physical Memory     Virtual Memory     SharedStore     SharedStore     Position       phMonitorAgent     Up     29s     0%     575 MB     1116 MB	
Photos Name i Status (d) Ime CPO i Physical memory (nical memory i <sub>ID</sub> i Sharedscore Posici phMonitorAgent Up 29s 0% 575 MB 1116 MB	ast update at 8:54:24
phParser Up 17s 0% 106 MB 1190 MB 99 0	
phPerfMonitor Up 17s D% 79.M8 766.MB	
phEventForwarder Up 17s D% 48 MB 547 MB	
phDiscover Up 17s D% 53 MB 513 MB	

## **Factory Reset**

Follow the steps below to perform factory reset on FortiSIEM FSM-3500F.

- Step 1: Uninstall FortiSIEM application
- Step 2: Reinstall FortiSIEM application

#### Step 1: Uninstall FortiSIEM application

- 1. Connect FortiSIEM device using VGA or Console port.
- 2. Login as root user with the new password you set in Step 3: Verify System Information.
- 3. To check the available FortiSIEM commands, run sudo get.
- 4. To uninstall FortiSIEM, run sudo execute fsm-clean. This script will uninstall FortiSIEM application.
- 5. Reboot the system.

#### Step 2: Reinstall FortiSIEM application

- 1. Login as root with password ProspectHills. You will immediately be asked to change your password.
- 2. To configure RAID, run execute format disk.
- 3. To check Hardware status and RAID information, run diagnose hardware info.
- 4. To install FortiSIEM, run the execute factoryreset --force command. The command fails after partial steps. Run the same command again to complete factoryreset. This script takes a few minutes to complete FortiSIEM installation.
- 5. Reboot and run /user/local/bin/configFSM.sh to install FortiSIEM.

Follow the steps under Appliance Setup to configure FSM-3500F.



www.fortinet.com

Copyright© 2024 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.