Forcepoint Next Generation Firewall and Amazon GuardDuty

Integration Guide

Forcepoint

Integration Guide

Ultan Casey 21 Aug 2020 Public

Table of Contents

Summary	2
Configure API Client in Forcepoint NGFW SMC	4
Lifecycle of IP addresses received from Amazon GuardDuty	5
Implementation - Docker	5
Implementation - Traditional	6
Configure Amazon resources using CloudFormation	7
Troubleshooting	9
Appendix – Configuration File	15

Version	Date	Author	Notes
0.1	6 May 2020	Ultan Casey	First draft
0.2	8 May 2020	Mattia Maggioli	Review
0.3	13 May 2020	Neelima Rai	Added troubleshooting chapter
0.4	13 May 2020	Mattia Maggioli	Review
0.5	21 August 2020	Ultan Casey	Replaced AWS deployment method with CloudFormation
0.6	21 August 2020	Mattia Maggioli	Review

Summary

This guide provides step by step instructions to set up an integration between the Forcepoint Next Generation Firewall (NGFW) and Amazon GuardDuty.

This integration enables automated export in real-time of Amazon GuardDuty findings into Forcepoint NGFW so that IP addresses identified within Amazon GuardDuty findings can be used in security policies of Forcepoint NGFW.

The code and instructions provided enable system administrators to automatically:

- → Track GuardDuty events using CloudWatch
- → Convert format and export security findings using a Lambda function
- → Receive the security findings with an on-premise connector
- → Add IP addresses into a user-defined list inside the Forcepoint NGFW Security Management Center (SMC)

A description of the workflow between the components involved in this POC is depicted in this diagram:



Caveats

The integration described in this document was developed and tested with the following product versions:

- → Forcepoint NGFW 6.7.2
- → Forcepoint SMC 6.7.3

This interoperability uses:

- → Amazon GuardDuty: a threat detection service that continuously monitors for malicious activity and unauthorized behavior
- → AWS CloudWatch: a monitoring and observability service
- → AWS Lambda: a service which lets you run code without provisioning or managing servers
- → AWS CloudFormation: a service which provides one click deployment of entire stacks of AWS resources

- → Connector Server: a component hosted at customer premises exposing an endpoint used to receive security findings from AWS Lambda
- → RabbitMQ: a message broker used to handle queuing of ingestion tasks
- → Connector Worker: a task handler which controls the ingestion of IP addresses into the user-defined list using the SMC API

Implementation options

Two implementation options are provided in this document for the on-premise portion of the integration.

- 1. **Docker** Uses a docker image where the integration component is already installed with all necessary dependencies: the user only has to edit one configuration file and run the container on an existing docker setup.
- 2. Traditional requires manual deployment of the integration component inside a clean host machine.

The docker version of the connector server and worker requires the following files:

→ fp-ngfw-aws-guardduty-docker-v1.zip available at this link: https://frcpnt.com/fp-ngfw-aws-guardduty-docker-latest

and has been tested working with the following requirements:

- → Docker 19.03.6
- → Docker Compose 1.25.5
- → The host machine meets the minimum hardware requirements of 2GB of RAM and 20GB of storage

The traditional version of the connector server and worker requires the following files:

→ **fp-ngfw-aws-guardduty-v1.zip** available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-latest</u>

and has been tested working with the following requirements:

- \rightarrow CentOS 7.6 with at least 2 GB RAM and 20 GB disk
- \rightarrow Python 3.6
- → The following Python modules:
 - o flask v1.1.1
 - requests v2.23.0
 - o celery v4.4.2
 - o pyyaml v5.3.1
 - fp-NGFW-SMC-python v0.7.0b20

Both implementations require

- → fp-ngfw-aws-guardduty-lambda-v1.zip available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-lambda-latest</u>
- → **fp-ngfw-aws-guardduty-cloudformation-v1.zip** available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-cloudformation-latest</u>

- → Amazon GuardDuty disabled during installation of the CloudFormation stack.
- → A public IP assigned to the **Connector Server** hosted on-premise either inside a docker container or a local machine.

Configure API Client in Forcepoint NGFW SMC

To enable the Connector to ingest new IP addresses into the blacklist of SMC an API client must first be created and API must be enabled.

- 1. Login to Forcepoint SMC and from the homepage navigate to Configuration.
- 2. From the sidebar open Administration > Access Rights > API Clients.
- 3. Select New to create a new API client.
- 4. Provide a name for your new Client. In this example we will use Amazon GuardDuty.
- 5. Under permissions provide the client with unrestricted permissions.
- 6. Save the **Authentication Key** in a secure location as it will be necessary in the next steps of this document, then click **Ok**.
- 7. Once again from the homepage of the SMC navigate to Others.
- 8. Right click Management Server and select Properties.
- 9. Open the SMC API tab and enable the checkbox there to enable the API.

			L	📱 Management Server -	Properties		_ 🗆 ×			_ 67 ×
← → ≡ A ↔ Menu Home Configu	ration Logs Overviev	ECA Evaluation General	Integration Notifications	Announcement Web Start	Connection SMC Web	Audit Forwardin	g NAT SMC API		× FORCEPO	INT Janagement Center
f Management Server × +		Enable								
NGFW Engines	📔 Manageme	H <u>o</u> st Name:						🗹 Edit	Info	×
SD-WAN	Third Party Diagra	Port Number:					8082		Connectivity	History
Users		Listen Only on <u>A</u> ddress:		The listening port	for the Web server.]			General	Replication
Others 🔅 -		Server Credentials:	<select></select>				S <u>e</u> lect		Management Server	
T Filter		Use SSL for Session I	D						OK	I
Log Server (1)									STATUS:	5 10:45:17)
LogServer 192.168.122									IPV4 ADDRESS: 4 192.168.122.10	
Management Server									Drill-Down	×
Web Portal Server (1) Web Portal Server 192								nticationk	D. Succession	
								inclutions.	Properties	
									Add to Group	***
									Logs by IP Ad	dresses
									Where Used?	
									Show in folde	r
6 rows						OK Cance	Help			
Ready						cance	- map	.168.122.10		🗩 Default 🔹 🛆

Lifecycle of IP addresses received from Amazon GuardDuty

Each NGFW engine managed by the SMC maintains its own separate blacklist of IP addresses. Blacklist can be configured into policies which are then applied to the engines.

When a relavent event occurs within **GuardDuty** which contains an IP address, this is sent using **AWS Lambda** to the **Connector Server** which places it in the queue to be added to the NGFW engines. The worker then pulls this from the queue and adds it to each engine. It is possible to exclude named engines whose blacklist will not receive the IP address: this is explained in the **Appendix** of this document.

The addresses which have been added to the blacklist remain within the blacklist for the duration defined in the configuration file. After this time is expired they are automatically removed.

Any new additions to the blacklists are immediately available to rules utilising the blacklists.

	SMC - NGFW EMEA 1 Blacklist										
	Home Configuration Logs O	, verviews						Q	Search (Ct	rl+F)	
NGFW US 1 Blacklist	Mattia Policy EMEA	(EDIT)	EMEA 1 Blacklist 🗙	+							
RIGEN EMEA	1 Blacklist						Save Columr	n Settings	► II		¶ ⊅ -
Creation Time	Blacklister	BL Src Addr	BL Dst Addr	BL Protocol	Src Ports	Dst Ports	Duration				
2020-05-08 15:20:21	Management Server		192.168.111.203				3600				
2020-05-08 15:20:24	Management Server	192.168.111.203					3600				

Implementation - Docker

In order to set up the Connector do as follows:

1. Login to the docker registry with the following command

docker login docker.frcpnt.com

User: fp-integrations Pass: t1knmAkn19s

- 2. Download and extract the **fp-ngfw-aws-guardduty-docker-v1.zip** file available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-docker-latest</u> to the downloads folder of the machine.
- 3. Create a configuration file named **config.yaml** with the following contents, editing the values as described in the Appendix of this document. A sample is also contained within the config folder included with the downloaded files.

```
# Connector config
host: 0.0.0.0
port: 5000
log_level: info
# SMC config
smc_endpoint: http://<SMC_ENDPOINT_IP_OR_DOMAIN>
smc_port: 8082
smc_api_key: <SMC_API_KEY>
smc_api_key: <SMC_API_KEY>
smc_api_version: 6.7
blacklist_duration: 3600
exclude_engines:
 - NGFW 1
 - NGFW 2
```

Upload the file to a secure location where it can be accessed over http/https (e.g. a web server, an AWS S3 bucket, Azure Blob Storage): this will make sure the configuration is not lost in case the docker container is decommissioned.

- 4. Retrieve the URL to the file and store it in a safe location as it will be used in the next steps of this document
- Open the docker-compose.yml file and replace both instances of <CONFIG_FILE_URL> with the URL of the config file just uploaded.
- 6. From the command line run the following command:

docker-compose up -d

7. Configure the necessary network and security settings in your infrastructure to expose the **Connector** endpoint using a public IP, so that the endpoint can be reached by AWS Lambda.

Implementation - Traditional

- 1. Download and extract the **fp-ngfw-aws-guardduty-v1.zip** file available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-latest</u> to the downloads folder.
- 2. Create a configuration file named **config.yaml** with the following contents, editing the values as described in the Appendix of this document. A sample is also contained within the config folder included with the downloaded files.

```
# Connector config
host: 0.0.0.0
port: 5000
log_level: info
# SMC config
```

smc_endpoint: http://<SMC_ENDPOINT_IP_OR_DOMAIN>
smc_port: 8082
smc_api_key: <SMC_API_KEY>
smc_api_version: 6.7
blacklist_duration: 3600
exclude_engines:
 - NGFW 1
 - NGFW 2

Upload the file to a secure location where it can be accessed over http/https (e.g. a web server, an AWS S3 bucket, Azure Blob Storage): this will make sure the configuration is not lost in case the services are moved elsewhere.

- 3. Retrieve the URL to the file and store it in a secure location as it will be used in the next steps of this document
- 4. From the command line navigate to the downloads folder and the extracted files.
- 5. Run the following command:

sudo chmod +x ./install.sh

- 6. Open both the start_server.sh file and start_worker.sh file with a text editor and replace <CONFIG_URL> with the URL of the config file you uploaded.
- 7. Next install everything executing this command:

sudo ./install.sh

- 8. When prompted, type y.
- 9. Configure the necessary network and security settings in your infrastructure to expose the **Connector** endpoint using a public IP, so that the endpoint can be reached by AWS Lambda.

Configure Amazon resources using CloudFormation

To enable events to be sent from GuardDuty to the on-premise connector we must now configure the AWS components involved in this integration:

- → Amazon GuardDuty which detects events
- → a CloudWatch rule which triggers an AWS Lambda function upon the creation of a new finding in Amazon GuardDuty
- \rightarrow an AWS Lambda function which pushes the finding to our integration component

This section requires **fp-ngfw-aws-guardduty-lambda-v1.zip** file available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-lambda-latest</u> and **fp-ngfw-aws-guardduty-cloudformation-v1.zip** file available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-cloudformation-v1.zip</u> file available at this link: <u>https://frcpnt.com/fp-ngfw-aws-guardduty-cloudformation-latest</u>

- 1. Download both required zip files to the downloads folder.
- 2. Extract fp-ngfw-aws-guardduty-cloudformation-v1.zip which contains fp-ngfw-aws-guardduty-cloudformation-v1
- 3. Navigate to the AWS management console and from there open the S3 control panel.
- 4. Click on Create Bucket. Set the name of the bucket to fp-integrations-files and leave the rest as default. Click Create.

Amazon S3		Create	bucket	×	Documentation
Buckets	1 Name and region	2 Configure options			
atch operations access analyzer for 33	Name and region				scover the console
Block public access account settings)	fp-integration-files				Regions C
eature spotlight 2	Region EU (Paris)			~	ated ▼ 19 10:29:25 AM
	Copy settings from an exis	ing bucket			00 019 1:41:16 PM 00
	Select bucket (optional)235 B	uckets		~	2019 12:22:53 AM 200 019 5:31:01 PM 200
					19 10:44:52 AM 00 2019 4:29:27 PM
	Create			Cancel Next	100 2019 10:24:51 AM 000

- 5. Navigate to the newly created bucket and click **Create Folder** and name it **functions**. Open this folder and select **Upload**. Drag the **fp-ngfw-aws-guardduty-lambda-v1.zip** file into the upload window and select **Upload**.
- 6. Return to the AWS Management Console and from there search for and open CloudFormation.
- 7. Click Create Stack and from the dropdown select With new resources (standard).
- 8. Leave the **Prepare Template** field as default and under **Specify Template** select **Upload a Template File**. Upload the **fp-ngfw-aws-guardduty-cloudformation-v1** file extracted earlier. Click **Next**.
- 9. Set the stack name to **ForcepointNGFW-GuardDuty**. Under parameters update the SMC Endpoint to that of the connector. It should be in the following format

http://<IP_OR_ADDRESS_OF_CONNECTOR>:5000/api/

Leave all other parameters as default and click Next.

10. On the next page click Next.

<u>і</u> т	'he following resource(s) require capabilities: [AWS::IAM::Role]
T C	his template contains Identity and Access Management (IAM) resources that might provide entities access to make changes to your AWS account Theck that you want to create each of these resources and that they have the minimum required permissions. Learn more
	I acknowledge that AWS CloudFormation might create IAM resources.

11. On the last page select 'I acknowledge that AWS CloudFormation might create IAM resources' and click Create Stack to kick off the deployment of all the resources. This may take up to five minutes to deploy.

Once the deployment is completed, new findings generated by Amazon GuardDuty will be pushed to the integration component and subsequently into the SMC, which will then propagate the IP addresses into the blacklist of the NGFW engines.

Troubleshooting

Follow these steps to identify issues impacting the normal operation of the integration described in this document.

Docker Implementation

Validate the prerequisites

Make sure the prerequisites described in the Summary chapter are all satisfied:

→ Check the versions of Forcepoint NGFW and Forcepoint SMC in use are listed as compatible

Forcepoint NGFW 6.7.2

Forcepoint SMC 6.7.3

- \rightarrow Docker images for this integration have been tested with
 - Docker 19.03.6

Docker-compose 1.25.5

- → The host machine should have at least 2 GB RAM and 20 GB disk and an existing docker engine and docker compose installed
- → Amazon GuardDuty disabled during installation of the CloudFormation stack.
- \rightarrow Check the user can download the necessary files with the following commands:

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-docker-latest

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-lambda-latest

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-cloudwatch-latest

Check network connectivity

Make sure firewalls or other security appliances are not impacting the network connectivity necessary for the operation of all components involved into this integration:

→ Check the docker host machine has connectivity to SMC by executing the following command on docker host machine

ping -c 2 SMC_HOST_IP_ADDRESS

replacing the SMC_HOST_IP_ADDRESS with your Forcepoint SMC host IP address. Once done check the result is similar to below:

PING SMC_HOST_IP_ADDRESS.url (10.10.120.12) 56(84) bytes of data. 64 bytes from 10.10.120.12 (10.10.120.12): icmp_seq=1 ttl=128 time=179 ms 64 bytes from 10.10.120.12 (10.10.120.12): icmp_seq=1 ttl=128 time=181 ms

→ Check AWS Lambda can successfully post findings to the docker host machine by following the steps below:

- 1. Go to AWS Lambda service in the AWS Console.
- 2. Go to the GuardDuty-Exporter lambda function and click on Configure test events

GuardDuty-Exporter	Throttle Qualifiers v	Actions v	guarddutyTest	Test
			Saved Test Events	
Execution result: succeeded (logs)			guarddutyTest	
Details			Configure test events	

3. Click on Create new test event

Configure test event × A function can have up to 10 test events. The events are persisted so you can switch to another computer or web browser and test your function with the same events.

Create new test event

Edit saved test events

E	Event template	
	guarddutyTest	•
E	Event name	

MyEventName

4. Enter the below contents into the empty json field and click Create

"detail": {
"type": "UnauthorizedAccess:IAMUser/MaliciousIPCaller.Custom",
"service": {
"action": {
"awsApiCallAction": {
"remotelpDetails": {
"ipAddressV4": "198.51.100.0"
}
}
}
}
}
}

5. Click on Test button and verify you get Execution result: succeeded

GuardDuty	/-Exporte	r	Throttle	Qualifiers 🔻	Actions v	guarddutyTest	•	Test	Save
ExecutionDetails	result: succeed	ed (logs)							×
Configuration	Permissions	Monitoring							

Check dependencies are installed

Make sure the software dependencies needed by the components involved into this integration are installed:

→ Check all dependencies are installed: execute the following command on docker host machine to check dockercompose is installed:

docker-compose --version

\rightarrow Check the output presents a version of 1.25.4 or higher (example below):

docker-compose version 1.25.5, build 8d51620a

→ Check the host machine has docker installed: Execute the following command on the host machine:

docker --version

 \rightarrow Check the first few lines of the output are similar to below:

Docker version 19.03.8, build afacb8b

Check all components are configured and running properly

Make sure the products and services involved into this integration are configured as expected and they are running:

\rightarrow Check the docker containers are running with the below command:

docker ps -a

Verify the output is similar to below:

[root@centos ~]# do	cker ps -a			
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
PORTS		NAMES		
704d548a9aae	docker.frcpnt.com/ngfw-aws-guardduty-work	er "celery -A tasks wor…"	23 hours ago	Up 23 hours
		root_worker_1		
0be1b77fa6cf	docker.frcpnt.com/ngfw-aws-guardduty-serv	er "python main.py"	23 hours ago	Up 23 hours
0.0.0.0:5000->5000	/tcp	root_app_1		
09943f1263a4	rabbitmq	"docker-entrypoint.s"	23 hours ago	Up 23 hours
4369/tcp, 5671-567	2/tcp, 25672/tcp, 0.0.0.0:5672->5762/tcp	root broker 1		
F 14				

 \rightarrow Check the Connector Server is reachable and running by using a browser to open the webpage at the address:

http://<IP_OR_ADDRESS_OF_CONNECTOR>:5000/api/

Replace the part in red with the public IP address or FQDN resolving to the public IP assigned to the docker host. Check the page at the above URL reads:

Running...

\rightarrow Verify the below services are enabled and running on AWS:

GuardDuty

From the AWS Management Console navigate to AWS GuardDuty. If GuardDuty has been enabled, the findings field should be visible. If the deployment failed, the option to enable GuardDuty will be present.

CloudWatch

To verify that the CloudWatch rule has been deployed, navigate to AWS CloudWatch and from there select Rules in the sidebar. If the deployment was successful a rule should be present with a name similar to: ForcepointNGFW-GuardDuty-GuardDutyWatcher-<AWS generated ID>

Lambda

If the Lambda function successfully deployed, you should be able to verify it by navigating to AWS Lambda and in the list of functions there should be one with a name similar to: ForcepointNGFW-GuardDuty-GuardDutyExporter- <AWS generated ID>

Traditional Implementation

Validate the prerequisites

Make sure the prerequisites described in the Summary chapter are all satisfied:

→ Check the versions of Forcepoint NGFW and Forcepoint SMC in use are listed as compatible Forcepoint NGFW 6.7.2

Forcepoint SMC 6.7.3

- → Verify the integration is operating on a CentOS 7.6 machine with at least 2 GB RAM and 20 GB disk
- \rightarrow User needs sudo permissions on the host machine
- → Amazon GuardDuty disabled during installation of the CloudFormation stack.
- \rightarrow Check the user can download the necessary files with the following commands:

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-latest

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-lambda-latest

wget --content-disposition https://frcpnt.com/fp-ngfw-aws-guardduty-cloudwatch-latest

Check network connectivity

Make sure firewalls or other security appliances are not impacting the network connectivity necessary for the operation of all components involved in this integration:

→ Check the host machine has connectivity to SMC: execute the following command on the host machine:

ping -c 2 SMC_HOST_IP_ADDRESS

Replacing the SMC_HOST_IP_ADDRESS with your Forcepoint SMC host IP address. Once done check the result is similar to below:

PING SMC_HOST_IP_ADDRESS.url (10.10.120.12) 56(84) bytes of data. 64 bytes from 10.10.120.12 (10.10.120.12): icmp_seq=1 ttl=128 time=179 ms 64 bytes from 10.10.120.12 (10.10.120.12): icmp_seq=1 ttl=128 time=181 ms

- \rightarrow Check AWS lambda can successfully post findings to the connector host machine by following the steps below:
 - 1. Go to AWS Lambda service in the AWS Console
 - 2. Go to the GuardDuty-Exporter lambda function and click on Configure test events

GuardDuty-Exporter	Throttle Qualifiers Actions	guarddutyTest	Test
		Saved Test Events	
Execution result: succeeded (logs)		guarddutyTest	
► Details		Configure test events	

3. Click Create new test event

Configure test event	
A function can have up to 10 test events. The events are persisted so you can switch to ar and test your function with the same events.	nother computer or web brows
Create new test event	
 Edit saved test events 	
 Edit saved test events Event template 	
 Edit saved test events Event template guarddutyTest 	
 Edit saved test events Event template guarddutyTest Event name 	

4. Enter the below contents into the empty json field and click Create



Configure test event

 \times

A function can have up to 10 test events. The events are persisted so you can switch to another computer or web browser and test your function with the same events.

O Create new test event	
 Edit saved test events 	
Event template	
guarddutyTest	▼
Event name	
MyEventName	

5. Click Test button and verify you get Execution result: succeeded

GuardDuty-Exporter	Throttle Qualifiers Actions GuarddutyTest	▼ Test Save
 Execution result: succeeded (logs) Details 		×
Configuration Permissions Monitoring		

Check dependencies are installed

Make sure the software dependencies needed by the components involved into this integration are installed:

\rightarrow Check python3.6 is installed: Execute following command on host machine:

python3 --version

Check the output is similar to below:

Python 3.6.8

\rightarrow Check the necessary packages are installed: Execute the following command on the host machine:

pip3 list 2>/dev/null | grep -e requests -e Flask -e PyYamI -e celery -e fp-NGFW-SMC-python

Check the output is similar to below:

celery 4.4.2 Flask 1.1.1 fp-NGFW-SMC-python 0.7.0b20 requests 2.23.0 requests-unixsocket 0.2.0

Check all components are configured and running properly

Make sure the products and services involved into this integration are configured as expected and they are running:

 \rightarrow Check the necessary services are running with the following commands:

systemctl status ngfw-aws-guardduty-worker.service

systemctl status ngfw-aws-guardduty-server.service

Check the output for both shows active status for both the services

 \rightarrow Check the domain service is running at the below webpage:

http://<IP_OR_ADDRESS_OF_CONNECTOR>:5000/api/

Replace the part in red with the public IP address or FQDN resolving to the public IP assigned to the docker host. Check the page at the above URL reads:

Running...

- \rightarrow Verify the below services are enabled and running on AWS:
 - GuardDuty

From the AWS Management Console navigate to AWS GuardDuty. If GuardDuty has been enabled, the findings field should be visible. If the deployment failed, the option to enable GuardDuty will be present.

CloudWatch

To verify that the CloudWatch rule has been deployed, navigate to AWS CloudWatch and from there select Rules in the sidebar. If the deployment was successful a rule should be present with a name similar to: ForcepointNGFW-GuardDuty-GuardDutyWatcher-<AWS generated ID>

• Lambda

If the Lambda function successfully deployed, you should be able to verify it by navigating to AWS Lambda and in the list of functions there should be one with a name similar to: ForcepointNGFW-GuardDuty-GuardDutyExporter- <AWS generated ID>

Appendix – Configuration File

This table provides a description for the values required in the configuration file utilized by the Connector

Field	Example	Notes	Requires to be changed
host	0.0.0.0	The IP address of the interface the Connector service is binded to on the hosting machine or the docker container. Default is 0.0.0.0 which will listen to any interface.	No
port	5000	The port on which the connector will listen for requests. Default is 5000.	No
log_level	info	Log level determines the level of logs to be created.	No
smc_endpoint	https://192.168.1.222	The FQDN or IP address of the SMC endpoint. Used for accessing the SMC API.	Yes
smc_port	8082	The port on which the SMC API is accessible. Default is 8082. This can be retrieved when enabling the SMC API.	Yes
smc_api_key	abcdefgh1234567	API key necessary to utilise the SMC API.	Yes
smc_api_version	6.7	Version of the SMC API to be used. Default is 6.7.	No
blacklist_duration	3600	Duration in seconds of how long IP addresses ingested from GuardDuty will stay in the user-defined list in the SMC.	No
exclude_engines	- NGFW NAME - NGFW 2	Engines whose blacklist will not receive the IP addresses exported from GuardDuty. Each engine is denoted by a dash followed by the name of the engine as visible in the list of engines in the SMC.	Yes

Forcepoint

forcepoint.com/contact

About Forcepoint

Forcepoint is the global human-centric cybersecurity company transforming the digital enterprise by continuously adapting security response to the dynamic risk posed by individual users and machines. The Forcepoint human point system delivers risk-adaptive protection to continuously ensure trusted use of data and systems. Based in Austin, Texas, Forcepoint protects the human point for thousands of enterprise and government customers in more than 150 countries.

© 2020 Forcepoint. Forcepoint and the FORCEPOINT logo are trademarks of Forcepoint. All other trademarks used in this document are the property of their respective owners.