Fortinet-Fortigate Integrations

Introduction

This integration is for Fortinet FortiGate logs sent in the syslog format.

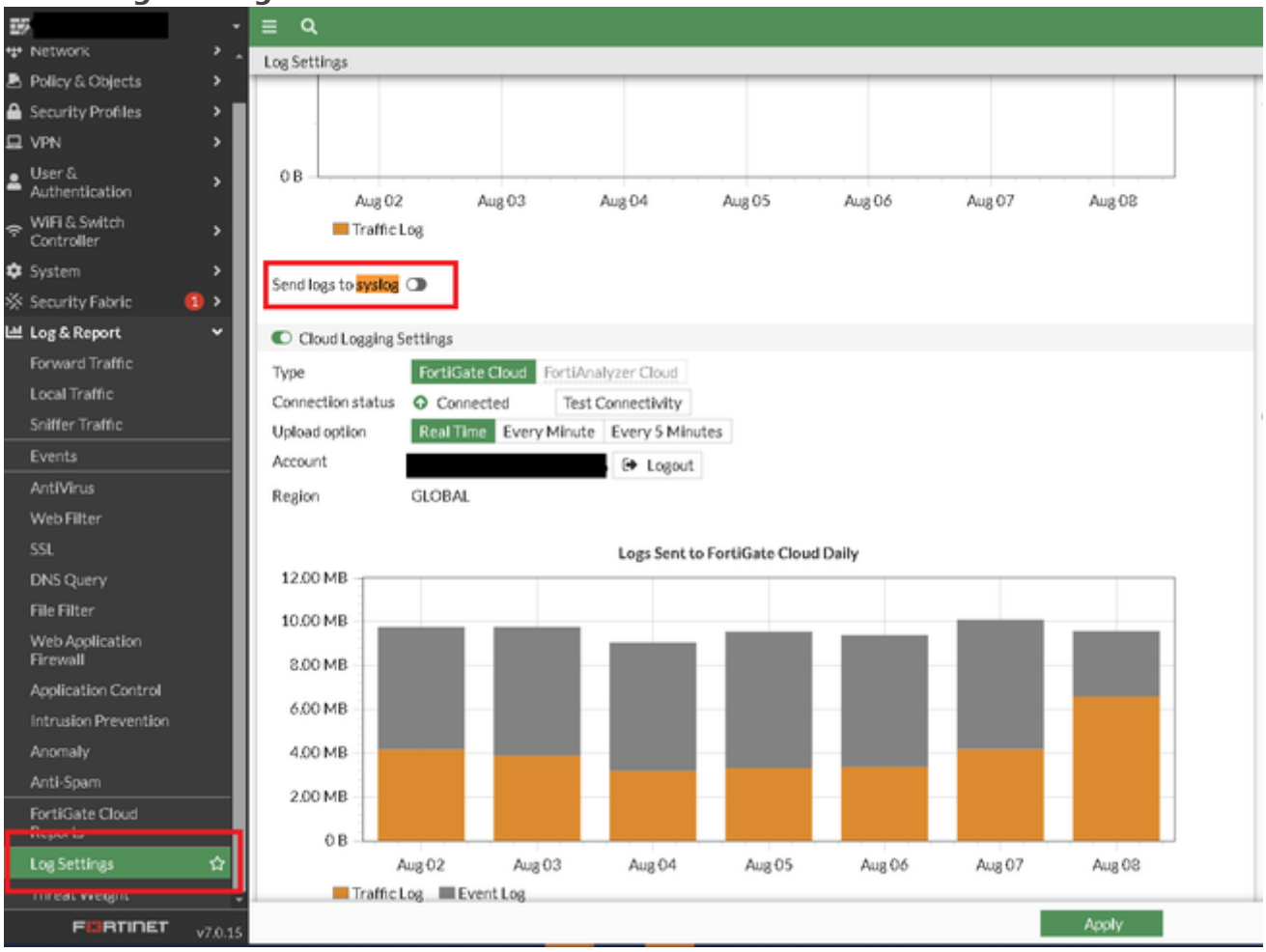
Pre-requisite:

Configure syslog on FortiGate

From the GUI:

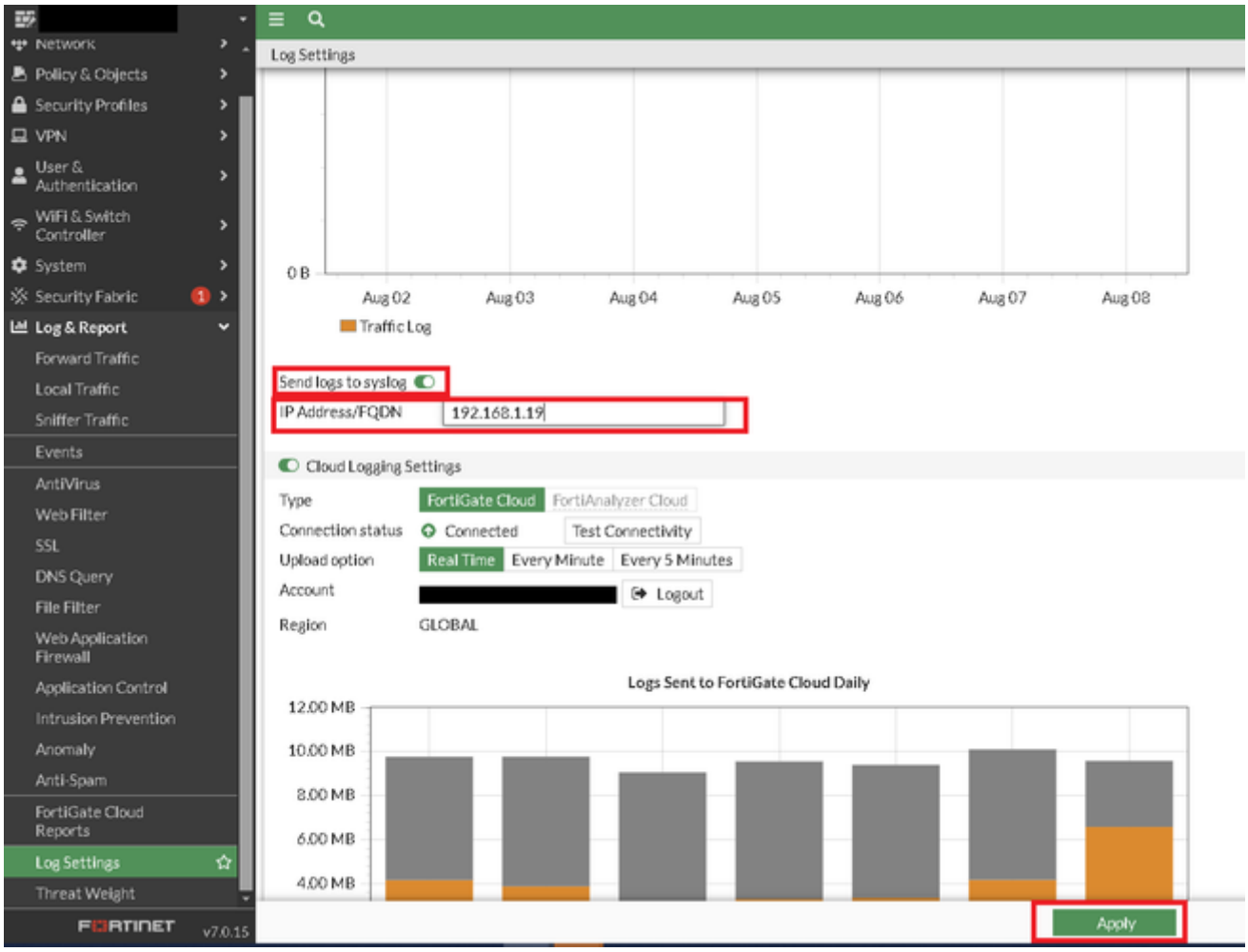
1. Log into **FortiGate.**
2. Select **Log & Report** to expand the menu.

3. Select **Log Settings.**



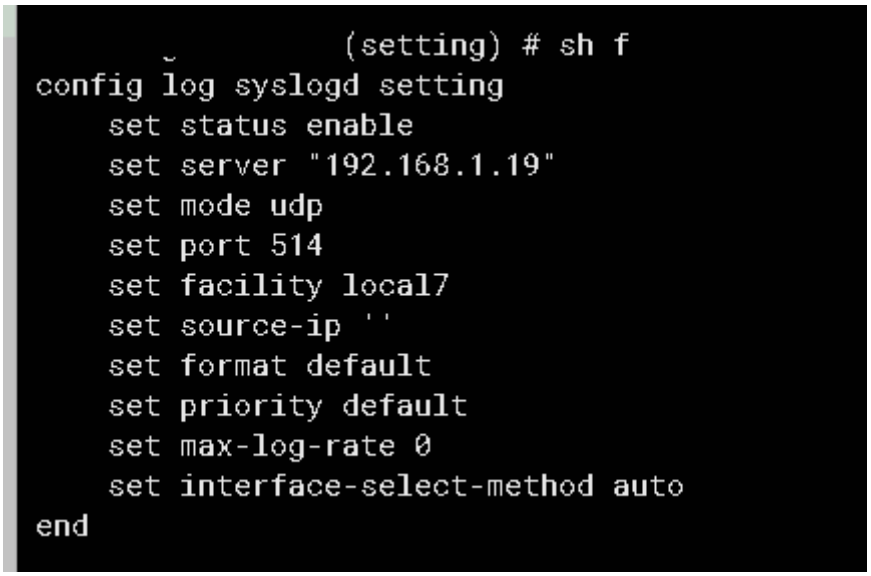
4. Toggle Send Logs to Syslog to **Enabled.**

5. Enter the Syslog Collector **IP address.** Note: IP Address must be **host's IP Address** where the **Elastic-Agent is installed.** (For example. 192.168.1.19 as shown below)



If it is necessary to customize the port or protocol or setup the Syslog from the CLI below are the commands:

```
config log syslogd setting

    set status enable

    set server "192.168.1.19" -- change IP Address to same as host's where Elastic Agent is installed

    set mode udp

    set port 514

end
```



To establish the connection to the Syslog Server using a specific Source IP Address, use the below CLI configuration:

```
config log syslogd setting
    set status enable
    set server "192.168.1.19" -- change ip address to match host's IP
    set source-ip "172.16.1.1" -- change ip address to match host's source-ip
address

    set mode udp

    set port 514
end
```

Assumptions

The procedures described in Section 3 assumes that a Log Collector has already been setup.

Compatibility

This integration has been tested against FortiOS versions 6.x and 7.x up to 7.4.1. Newer versions are expected to work but have not been tested.

Note

- When using the TCP input, be careful with the configured TCP framing. According to the Fortigate reference, framing should be set to `rfc6587` when the syslog mode is reliable.

Fortinet FortiGate Integration Procedures

Please provide the following information to **CyTech:**

Collect Fortinet FortiGate logs (input: tcp)

1. Listen Address - The bind address to listen for TCP connections.
2. Listen Port - The TCP port number to listen on.

Collect Fortinet FortiGate logs (input: udp)

1. Listen Address - The bind address to listen for UDP connections.
2. Listen Port - The UDP port number to listen on.

If you need further assistance, kindly contact our support at info@cytechint.com for prompt assistance and guidance.

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