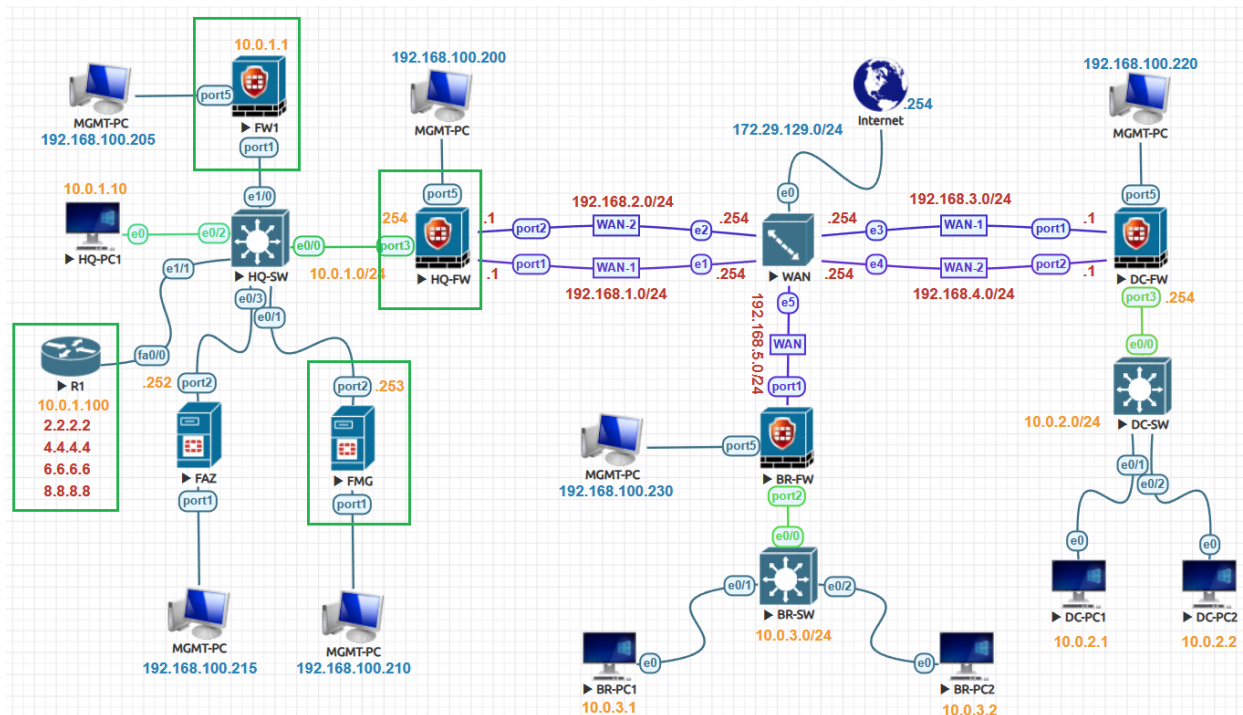


BGP CLI Template:



R1 Basic Configuration

```

Router(config)#hostname R1
R1(config)#interface fastEthernet0/0
R1(config-if)#ip address 10.0.1.100 255.255.255.0
R1(config-if)#no shutdown
R1(config-if)#exit
R1(config)#interface Loopback2
R1(config-if)#ip address 2.2.2.2 255.255.255.255
R1(config-if)#exit
R1(config)#interface Loopback4
R1(config-if)#ip address 4.4.4.4 255.255.255.255
R1(config-if)#exit
R1(config)#interface Loopback6
R1(config-if)#ip address 6.6.6.6 255.255.255.255
R1(config-if)#exit
R1(config)#interface Loopback8
R1(config-if)#ip address 8.8.8.8 255.255.255.255
R1(config-if)#exit
    
```

R1 BGP Configuration

```
R1(config)#router bgp 123
R1(config-router)#neighbor 10.0.1.1 remote-as 123
R1(config-router)#neighbor 10.0.1.254 remote-as 123
R1(config-router)#network 2.2.2.2 mask 255.255.255.255
R1(config-router)#network 4.4.4.4 mask 255.255.255.255
R1(config-router)#network 6.6.6.6 mask 255.255.255.255
R1(config-router)#network 8.8.8.8 mask 255.255.255.255
R1(config-router)#exit
```

HQ-FW BGP Script

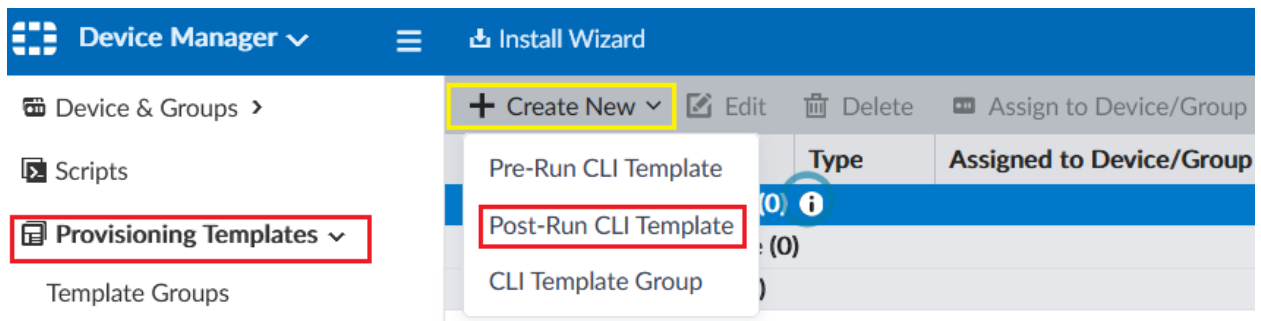
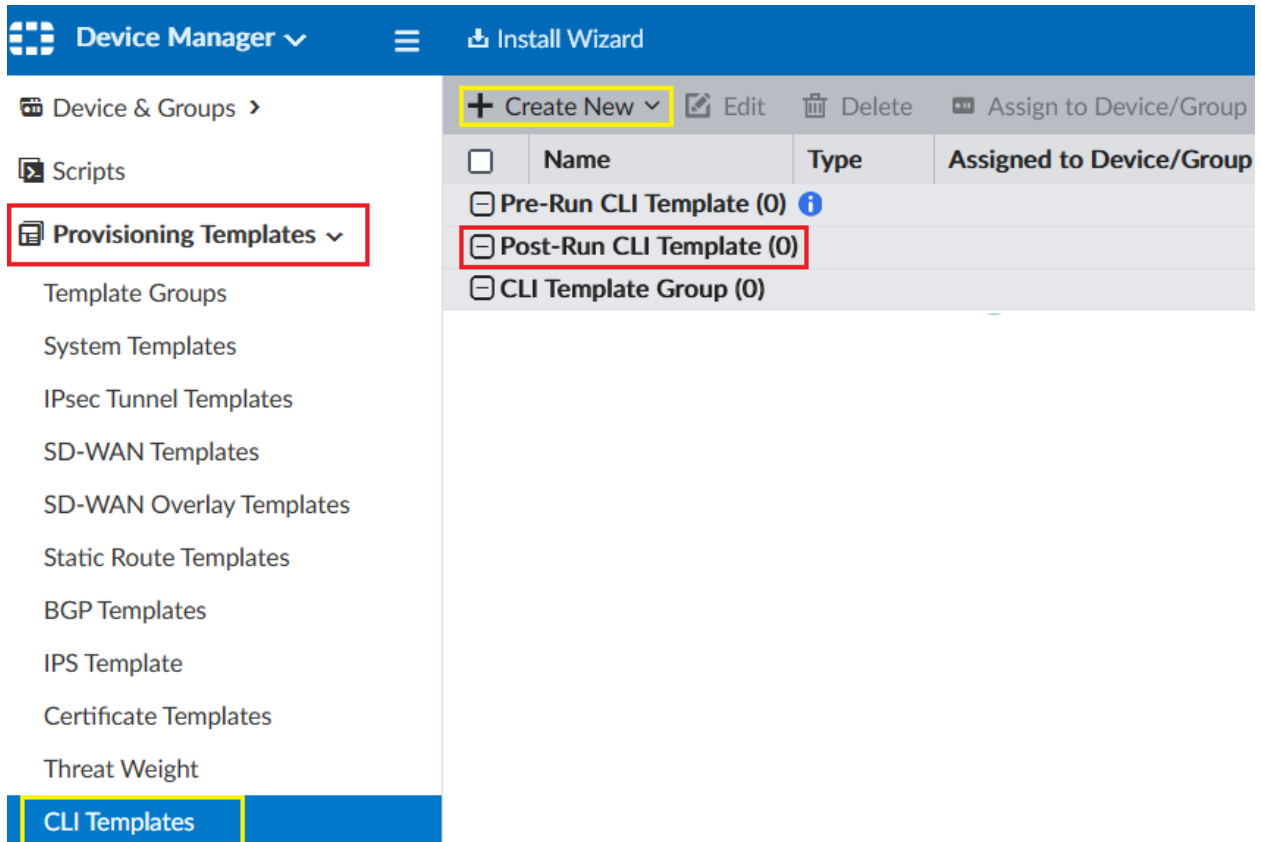
```
config router bgp
set as 123
set router-id 3.3.3.3
config neighbor
edit 10.0.1.1
set remote-as 123
next
edit 10.0.1.100
set remote-as 123
next
end
config network
edit 1
set prefix 192.168.1.0 255.255.255.0
next
edit 2
set prefix 192.168.2.0 255.255.255.0
next
edit 3
set prefix 10.0.1.0 255.255.255.0
next
end
```

FW1 BGP Script

```
config router bgp
set as 123
set router-id 2.2.2.2
config neighbor
edit 10.0.1.100
set remote-as 123
next
edit 10.0.1.254
set remote-as 123
next
end
config network
edit 1
set prefix 10.0.1.0 255.255.255.0
next
end
```

CLI Template:

Go to **Device Manager > Provisioning Templates > CLI Templates**. Click **Create New > Post-Run CLI Template**. The Create New CLI Template pane is displayed. Enter the required information. Click **OK**.



Create New Post-Run CLI Template

Template Name:

Type:

Description:

Script Details

Search...

```

1 config router bgp
2 set as 123
3 set router-id 2.2.2.2
4 config neighbor
5 edit 10.0.1.100
6 set remote-as 123
7 next
8 edit 10.0.1.254
9 set remote-as 123
10 next
11 end
12 config network
13 edit 1
14 set prefix 10.0.1.0 255.255.255.0

```

[Revert All Changes](#)

[OK](#) [Cancel](#)


+ Create New Edit Delete Assign to Device/Group More Column Settings				
<input type="checkbox"/>	Name	Type	Assigned to Device/Group	Variables
<input type="checkbox"/>	Pre-Run CLI Template (0) i			
<input type="checkbox"/>	Post-Run CLI Template (1)			
<input checked="" type="checkbox"/>	HQ-BGP-Configuration	CLI Script	0 Devices in Total	
<input type="checkbox"/>	CLI Template Group			


[Edit](#)
[Clone](#)
[Delete](#)
[Assign to Device/Group](#)
[Export](#)
[Validate](#)


Post-Run CLI Template:

OSPF-Configuration

Available Entries (3)


☐  BR-FW [root] (IP: 192.168.100.230, Platform: FortiGate-VM6)


☐  DC-FW [root] (IP: 192.168.100.220, Platform: FortiGate-VM6)

☐  FW1 [root] (IP: 192.168.100.205, Platform: FortiGate-VM6)


>

<







Selected Entries (1)

☐  HQ-FW [root] (IP: 192.168.100.200, Platform: FortiGate-VM6)

>

<





OK

Cancel

Install Wizard

☒ Install Policy Package & Device Settings

Install a selected policy package. Any device specific settings for devices associated with the package will also be installed.

Policy Package

HQ-FW

Comment

0/127

☐ Create ADOM Revision

☐ Schedule Install

☐ Install Device Settings (only)

Next >

Cancel

6 | Page Created by Ahmad Ali E-Mail: ahmadalimsc@gmail.com , Mobile: 00966564303717

BGP Verification:

```
FW1 # get router info routing-table bgp
```

```
Routing table for VRF=0
```

```
B      2.2.2.2/32 [200/0] via 10.0.1.100 (recursive is directly connected, port1), 00:01:38
B      4.4.4.4/32 [200/0] via 10.0.1.100 (recursive is directly connected, port1), 00:01:38
B      6.6.6.6/32 [200/0] via 10.0.1.100 (recursive is directly connected, port1), 00:01:38
B      8.8.8.8/32 [200/0] via 10.0.1.100 (recursive is directly connected, port1), 00:01:38
B     192.168.1.0/24 [200/0] via 10.0.1.254 (recursive is directly connected, port1), 00:01:10
B     192.168.2.0/24 [200/0] via 10.0.1.254 (recursive is directly connected, port1), 00:01:10
```

```
FW1 # get router info bgp summary
```

```
VRF 0 BGP router identifier 2.2.2.2, local AS number 123
```

```
BGP table version is 1
```

```
1 BGP AS-PATH entries
```

```
0 BGP community entries
```

Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down	State/PfxRcd
10.0.1.100	4	123	9	7	0	0	0	00:04:58	4
10.0.1.254	4	123	8	8	0	0	0	00:04:58	3

```
Total number of neighbors 2
```

```
FW1 # get router info bgp network
```

```
VRF 0 BGP table version is 1, local router ID is 2.2.2.2
```

```
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               S Stale
```

```
Origin codes: i - IGP, e - EGP, ? - incomplete
```

Network	Next Hop	Metric	LocPrf	Weight	RouteTag	Path
*>i2.2.2.2/32	10.0.1.100	0	100	0	0	i <-/-1>
*>i4.4.4.4/32	10.0.1.100	0	100	0	0	i <-/-1>
*>i6.6.6.6/32	10.0.1.100	0	100	0	0	i <-/-1>
*>i8.8.8.8/32	10.0.1.100	0	100	0	0	i <-/-1>
*>i10.0.1.0/24	10.0.1.254	0	100	0	0	i <-/-1>
*>i192.168.1.0	10.0.1.254	0	100	0	0	i <-/-1>
*>i192.168.2.0	10.0.1.254	0	100	0	0	i <-/-1>

```
Total number of prefixes 7
```

OSPF Verification Commands

```
HQ-FW # get router info bgp neighbors
```

```
HQ-FW # get router info bgp summary
```

```
HQ-FW # get router info bgp network
```

```
HQ-FW # get router info routing-table bgp
```

```
FW1 # get router info routing-table bgp
```

0.0.0.0/0	10.0.1.254	WAN-1 (port1)	10	Static
2.2.2.2/32	10.0.1.100	WAN-1 (port1)	200	BGP
4.4.4.4/32	10.0.1.100	WAN-1 (port1)	200	BGP
6.6.6.6/32	10.0.1.100	WAN-1 (port1)	200	BGP
8.8.8.8/32	10.0.1.100	WAN-1 (port1)	200	BGP

Dashboard
Network
Interfaces
DNS
Packet Capture
SD-WAN
Static Routes
Policy Routes
RIP
OSPF
BGP

Local BGP Options

Local AS: 123
Router ID: 2.2.2.2

Neighbors

View

IP	Remote AS
10.0.1.100	123
10.0.1.254	123

Network	Gateway IP	Interfaces	Distance	
0.0.0.0/0	192.168.1.254	WAN-1 (port1)	10	Static
0.0.0.0/0	192.168.2.254	WAN-2 (port2)	10	Static
2.2.2.2/32	10.0.1.100	LAN (port3)	200	BGP
4.4.4.4/32	10.0.1.100	LAN (port3)	200	BGP
6.6.6.6/32	10.0.1.100	LAN (port3)	200	BGP
8.8.8.8/32	10.0.1.100	LAN (port3)	200	BGP

RIP
OSPF
BGP
Routing Objects
Multicast

Networks

IP/Netmask

192.168.1.0 255.255.255.0
192.168.2.0 255.255.255.0
10.0.1.0 255.255.255.0

+