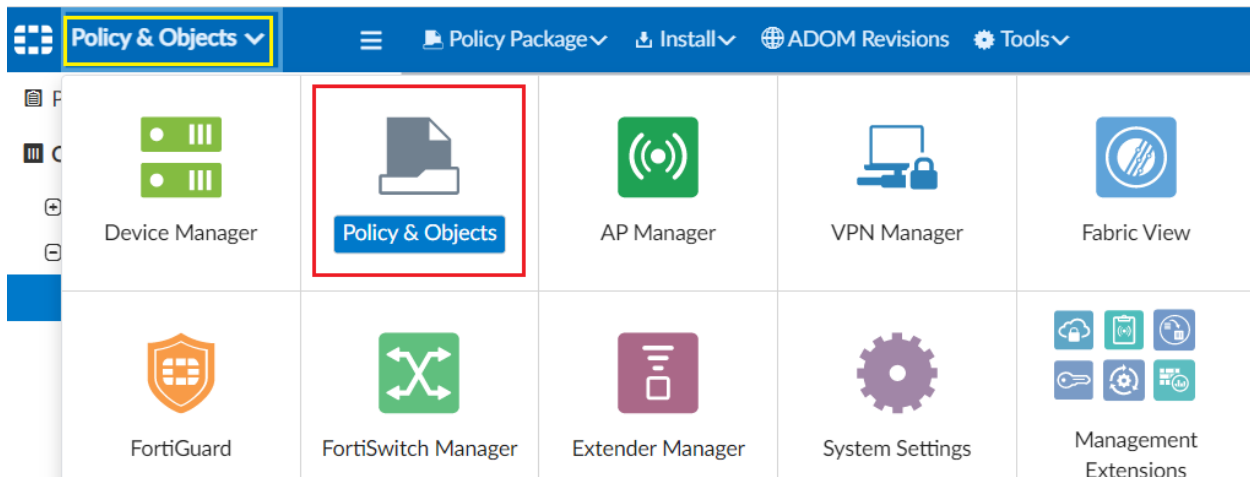
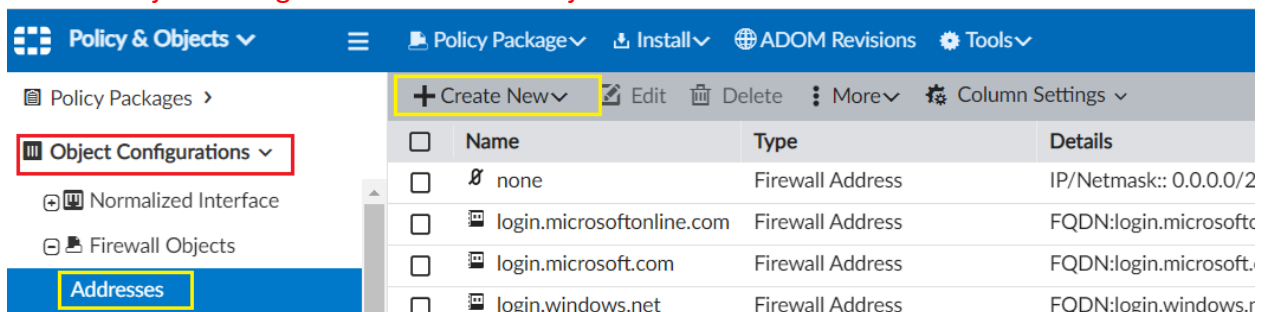


## Dynamic Object & Interface Lab:

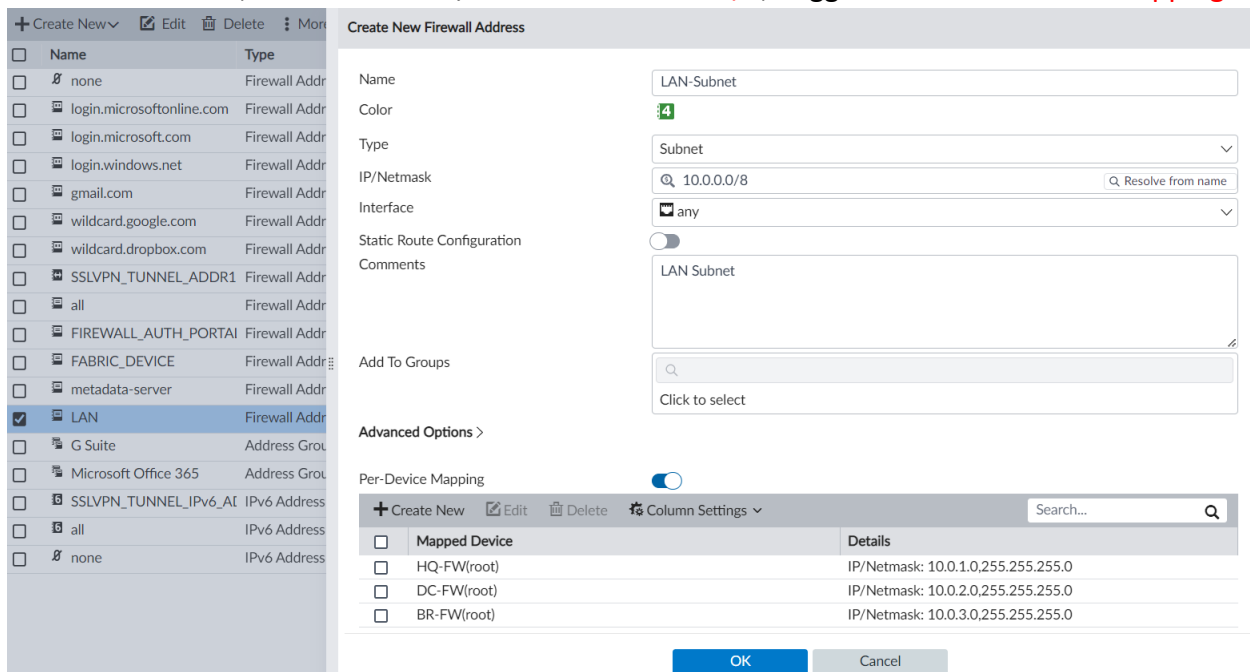
Choose the right ADOM, after that Navigate to **Policy & Objects**



Click on **Object Configurations > Firewall Objects > Address** Click **Create New > Address**



Set Address name, color etc. Set IP/Netmask to **10.0.0.0/8**, Toggle on the **Per-Device Mapping**



When toggle on the Per-Device Mapping Click Create New, Select HQ-FW from the drop-down in the **Mapped Device** field, set IP/Netmask **10.0.1.0/24** Click **OK**.

The screenshot shows the 'Per-Device Mapping' configuration window. The 'Mapped Device' dropdown is set to 'HQ-FW'. The 'IP/Netmask' field is set to '10.0.1.0/255.255.255.0'. The 'Interface' dropdown is set to 'any'. The 'Static Route Configuration' toggle is turned on. The 'Comments' field contains 'HQ-FW Subnet'. A red arrow points to the 'OK' button.

Click **Create New**, Select DC-FW from drop-down in the **Mapped Device** field, set IP/Netmask **10.0.2.0/24** Click **OK**.

The screenshot shows the 'Per-Device Mapping' configuration window. The 'Mapped Device' dropdown is set to 'DC-FW'. The 'IP/Netmask' field is set to '10.0.2.0/255.255.255.0'. The 'Interface' dropdown is set to 'any'. The 'Static Route Configuration' toggle is turned on. The 'Comments' field contains 'DC-FW Subnet'.

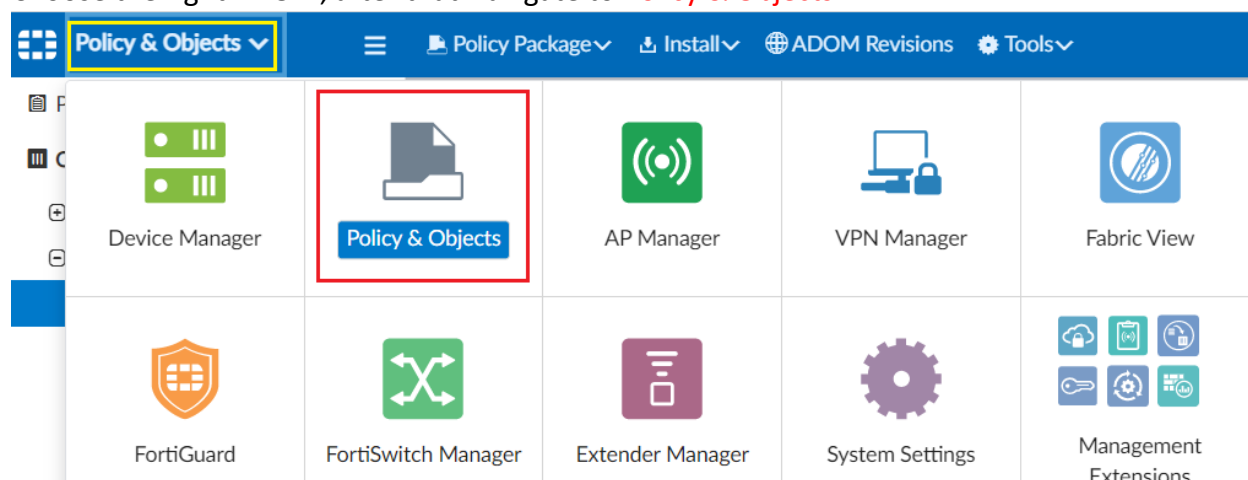
Click **Create New**, Select BR-FW from the drop-down in **Mapped Device** field, set IP/Netmask **10.0.3.0/24** Click **OK**.

The screenshot shows the 'Per-Device Mapping' configuration window. The 'Mapped Device' dropdown is set to 'BR-FW'. The 'IP/Netmask' field is set to '10.0.3.0/255.255.255.0'. The 'Interface' dropdown is set to 'any'. The 'Static Route Configuration' toggle is turned on. The 'Comments' field contains 'BR-FW Subnet'. A red arrow points to the 'OK' button.

The icon of the LAN-Subnet object has changed to indicate it is now a dynamic object and a per-device Mapping has been set with the object.

Policy & Objects			
<div>Policy Packages</div> <div>Object Configurations</div> <div>Normalized Interface</div> <div>Shaping Profile</div> <div>Virtual Servers</div> <div>Health Check</div>			
<div> <div>+</div> Create New           <div>Edit</div> <div>Delete</div> <div>More</div> <div>Column Settings</div> </div>			
<input type="checkbox"/>	Name	Type	Details
<input type="checkbox"/>	none	Firewall Address	IP/Netmask:: 0.0.0.0/255.255.255.255
<input type="checkbox"/>	login.microsoftonline.com	Firewall Address	FQDN:login.microsoftonline.com
<input type="checkbox"/>	LAN	Firewall Address	IP/Netmask:: 10.0.0.0/255.255.0.0
<input type="checkbox"/>	LAN-Subnet	Dynamic Firewall Address	IP/Netmask:: 10.0.0.0/255.0.0.0
<input type="checkbox"/>	G Suite	Address Group	gmail.com, wildcard.google.com

Choose the right ADOM, after that Navigate to **Policy & Objects**



Click on **Object Configurations > Normalized Interface > Normalized Interface** Click **Create New**

Policy & Objects			
<div>Policy Packages</div> <div>Object Configurations</div> <div>Normalized Interface</div> <div>Virtual Wire Pair</div> <div>Firewall Objects</div> <div>Addresses</div>			
<div> <div>+</div> Create New           <div>Edit</div> <div>Delete</div> <div>Expand All</div> <div>More</div> <div>Column Settings</div> </div>			
<input type="checkbox"/>	Normalized Interface	Mapping Rule	Mapped Interface/Zone
<input type="checkbox"/>	any		
<input type="checkbox"/>	sslvpn_tun_intf		
<input checked="" type="checkbox"/>	LAN		
<input type="checkbox"/>		Per-device (HQ-FW (root))	port3
<input type="checkbox"/>		Per-device (DC-FW (root))	port3
<input type="checkbox"/>		Per-device (BR-FW (root))	port2

Fill in the **name** with LAN change the **Color** if want.

Policy & Objects ▾

Policy Packages ▾

Object Configurations ▾

Normalized Interface

Normalized Interface

Virtual Wire Pair

Firewall Objects

Addresses

Internet Service

Normalized Interface

Name

Description

Color

Wildcard

Toggle on **Per-Device Mapping** and Click **Create New**

Policy Packages ▾

Object Configurations ▾

Normalized Interface

Normalized Interface

Virtual Wire Pair

Firewall Objects

Addresses

Internet Service

Multicast Addresses

Wildcard FQDN Addresses

Services

Schedules

Per-Device Mapping

Create New Edit Delete Column Settings ▾

Name	Device Interface Name	SI
No record found.		

Per-Device Mapping

Create New Edit Delete

Mapped Device	Details	Type	Addressing Mode	IP/Netmask
HQ-FW(root)	port3 (LAN)	Physical	Manual	10.0.1.254/255.255.255
DC-FW(root)	port3 (LAN)	Physical	Manual	10.0.2.254/255.255.255
BR-FW(root)	port2 (LAN)	Physical	Manual	10.0.3.254/255.255.255

In the **Per-Device Mapping** dialog box, Select Mapped Device HQ-FW from the drop-down, select **port3** from the Mapped Interface Name and Click **OK**.

Per-Device Mapping

Create New Edit Delete

Per-Device Mapping

Mapped Device

Mapped Interface Name

Shaping Profile

OK Cancel

In the **Per-Device Mapping** dialog box, Select Mapped Device DC-FW from the drop-down, select **port3** from the Mapped Interface Name and Click **OK**.

Per-Device Mapping

+ Create New Edit Delete

Per-Device Mapping

Mapped Device DC-FW

Mapped Interface Name port3 (LAN)

Shaping Profile ☐

In the **Per-Device Mapping** dialog box, Select Mapped Device BR-FW from the drop-down, select **port2** from the Mapped Interface Name and Click **OK**.

Per-Device Mapping

Per-Device Mapping

Mapped Device BR-FW

Mapped Interface Name port2 (LAN)

Shaping Profile ☐


Finally, **Dynamic Normalized** Interface has been created with different port mapping.

+ Create New Edit Delete Expand All More Column Settings				
<input type="checkbox"/>	Normalized Interface	Mapping Rule	Mapped Interface/Zone	Description
<input type="checkbox"/>	any			
<input type="checkbox"/>	sslvpn_tun_intf			
<input checked="" type="checkbox"/>	LAN			
<input type="checkbox"/>		Per-device (HQ-FW (root))	port3	
<input type="checkbox"/>		Per-device (DC-FW (root))	port3	
<input type="checkbox"/>		Per-device (BR-FW (root))	port2	

Similarly create **WAN1** and **WAN2** dynamic Normalized Interfaces.

Name

Description

Color 

Wildcard ☐

Per-Device Mapping

[+ Create New](#) [Edit](#) [Delete](#)


<input type="checkbox"/>	Mapped Device	Details	Type	Addressing Mode	IP/Netmask	Shaping Profile
<input type="checkbox"/>	HQ-FW(root)	port1 (WAN-1)	Physical	Manual	192.168.1.1/255.255.25	
<input type="checkbox"/>	DC-FW(root)	port1 (WAN-1)	Physical	Manual	192.168.3.1/255.255.25	
<input type="checkbox"/>	BR-FW(root)	port1 (WAN-1)	Physical	Manual	192.168.5.1/255.255.25	

Change Note

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

Name

Description

Color 

Wildcard ☐

Per-Device Mapping







[+ Create New](#) [Edit](#) [Delete](#)

<input type="checkbox"/>	Mapped Device	Details	Type	Addressing Mode	IP/Netmask	Shaping Profile
<input type="checkbox"/>	HQ-FW(root)	port2 (WAN-2)	Physical	Manual	192.168.2.1/255.255.25	
<input type="checkbox"/>	DC-FW(root)	port2 (WAN-2)	Physical	Manual	192.168.4.1/255.255.25	

Revision

Change Note

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

-  Fabric Connectors
-  User & Authentication
-  WAN Optimize
-  Dynamic Object
-  Advanced
-  CLI Only Objects

<input type="checkbox"/>	WAN1	
<input type="checkbox"/>	Per-device (HQ-FW (root))	port1
<input type="checkbox"/>	Per-device (DC-FW (root))	port1
<input type="checkbox"/>	Per-device (BR-FW (root))	port1
<input checked="" type="checkbox"/>	WAN2	
<input type="checkbox"/>	Per-device (HQ-FW (root))	port2
<input type="checkbox"/>	Per-device (DC-FW (root))	port2