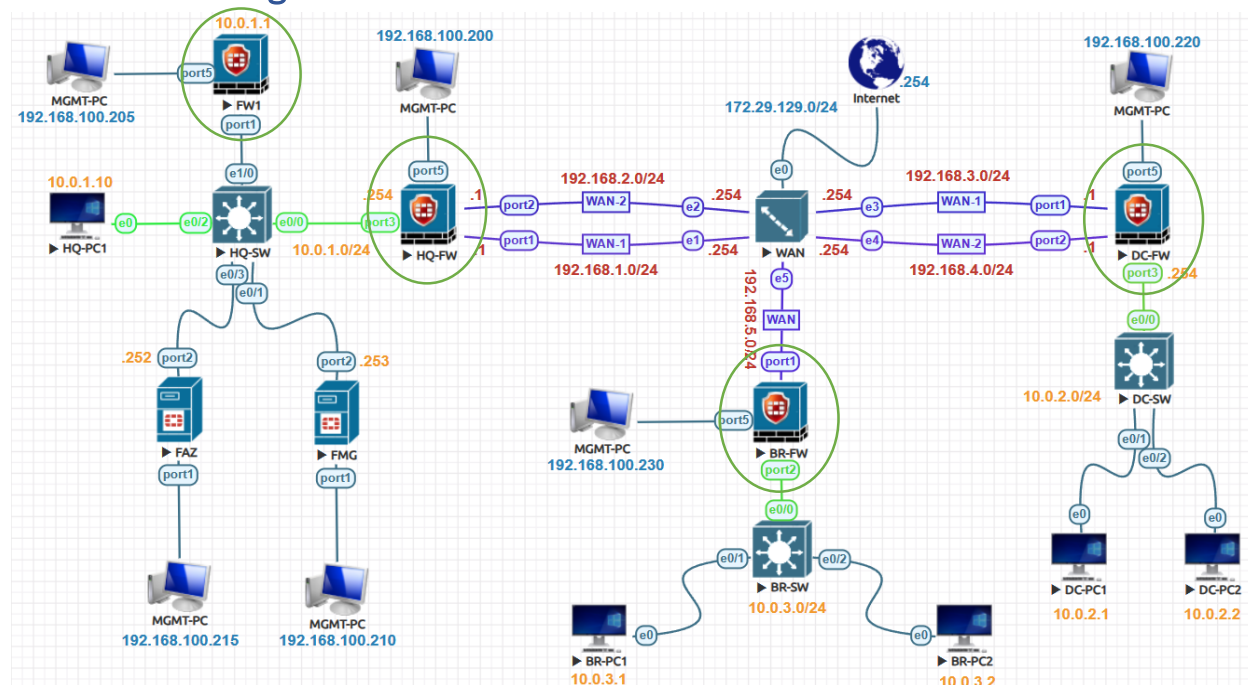


FW Initial Configuration Lab:



HQ-FW Hostname

```
FortiGate-VM64-KVM # config system global
FortiGate-VM64-KVM (global) # set hostname HQ-FW
FortiGate-VM64-KVM (global) # end
```

HQ-FW Management Interface

```
HQ-FW # config system interface
HQ-FW (interface) # edit port5
HQ-FW (port5) # set alias MGMT
HQ-FW (port5) # set mode static
HQ-FW (port5) # set ip 192.168.100.200 255.255.255.0
HQ-FW (port5) # set allowaccess ping https ssh http
HQ-FW (port5) # end
```

HQ-FW Port1 WAN-1 Interface

```
HQ-FW # config system interface
HQ-FW (interface) # edit port1
HQ-FW (port1) # set alias WAN-1
HQ-FW (port1) # set mode static
HQ-FW (port1) # set ip 192.168.1.1 255.255.255.0
HQ-FW (port1) # set allowaccess ping
HQ-FW (port1) # set role wan
HQ-FW (port1) # end
```

HQ-FW Port2 WAN-2 Interface

```
HQ-FW # config system interface
HQ-FW (interface) # edit port2
HQ-FW (port2) # set alias WAN-2
HQ-FW (port2) # set mode static
HQ-FW (port2) # set ip 192.168.2.1 255.255.255.0
HQ-FW (port2) # set allowaccess ping
HQ-FW (port2) # set role wan
HQ-FW (port2) # end
```

HQ-FW Port3 LAN Interface

```
HQ-FW # config system interface
HQ-FW (interface) # edit port3
HQ-FW (port3) # set alias LAN
HQ-FW (port3) # set mode static
HQ-FW (port3) # set ip 10.0.1.254 255.255.255.0
HQ-FW (port3) # set allowaccess ping fgfm
HQ-FW (port3) # set role lan
HQ-FW (port3) # end
```

HQ-FW DNS Configuration

```
HQ-FW # config system dns
HQ-FW (dns) # set primary 8.8.8.8
HQ-FW (dns) # set secondary 1.1.1.1
HQ-FW (dns) # end
```

HQ-FW Default Routes

```
HQ-FW # config router static
HQ-FW (static) # edit 1
HQ-FW (1) # set dst 0.0.0.0 0.0.0.0
HQ-FW (1) # set device port1
HQ-FW (1) # set gateway 192.168.1.254
HQ-FW (1) # next
HQ-FW (static) # edit 2
HQ-FW (2) # set dst 0.0.0.0 0.0.0.0
HQ-FW (2) # set device port2
HQ-FW (2) # set gateway 192.168.2.254
HQ-FW (2) # next
HQ-FW (static) # end
```

HQ-FW Policy WAN1

```
HQ-FW # config firewall policy
HQ-FW (policy) # edit 1
HQ-FW (1) # set name LAN-to-WAN1
HQ-FW (1) # set srcintf port3
HQ-FW (1) # set dstintf port1
HQ-FW (1) # set srcaddr all
HQ-FW (1) # set dstaddr all
HQ-FW (1) # set action accept
HQ-FW (1) # set schedule always
HQ-FW (1) # set service ALL
HQ-FW (1) # set logtraffic all
HQ-FW (1) # set nat enable
HQ-FW (1) # set status enable
HQ-FW (1) # next
HQ-FW (policy) # end
```

HQ-FW Policy WAN2

```
HQ-FW # config firewall policy
HQ-FW (policy) # edit 2
HQ-FW (1) # set name LAN-to-WAN2
HQ-FW (1) # set srcintf port3
HQ-FW (1) # set dstintf port2
HQ-FW (1) # set srcaddr all
HQ-FW (1) # set dstaddr all
HQ-FW (1) # set action accept
HQ-FW (1) # set schedule always
HQ-FW (1) # set service ALL
HQ-FW (1) # set logtraffic all
HQ-FW (1) # set nat enable
HQ-FW (1) # set status enable
HQ-FW (1) # next
HQ-FW (policy) # end
```

DC-FW Hostname

```
FortiGate-VM64-KVM # config system global
FortiGate-VM64-KVM (global) # set hostname DC-FW
FortiGate-VM64-KVM (global) # end
```

DC-FW Management Interface

```
DC-FW # config system interface
DC-FW (interface) # edit port5
DC-FW (port5) # set alias MGMT
DC-FW (port5) # set mode static
DC-FW (port5) # set ip 192.168.100.220 255.255.255.0
DC-FW (port5) # set allowaccess ping https ssh http
DC-FW (port5) # end
```

DC-FW Port1 WAN-1 Interface

```
DC-FW # config system interface
DC-FW (interface) # edit port1
DC-FW (port1) # set alias WAN-1
DC-FW (port1) # set mode static
DC-FW (port1) # set ip 192.168.3.1 255.255.255.0
DC-FW (port1) # set allowaccess ping
DC-FW (port1) # set role wan
DC-FW (port1) # end
```

DC-FW Port2 WAN-2 Interface

```
DC-FW # config system interface
DC-FW (interface) # edit port2
DC-FW (port2) # set alias WAN-2
DC-FW (port2) # set mode static
DC-FW (port2) # set ip 192.168.4.1 255.255.255.0
DC-FW (port2) # set allowaccess ping
DC-FW (port2) # set role wan
DC-FW (port2) # end
```

DC-FW Port3 LAN Interface

```
DC-FW # config system interface
DC-FW (interface) # edit port3
DC-FW (port3) # set alias LAN
DC-FW (port3) # set mode static
DC-FW (port3) # set ip 10.0.2.254 255.255.255.0
DC-FW (port3) # set allowaccess ping
DC-FW (port3) # set role lan
DC-FW (port3) # end
```

DC-FW DNS Configuration

```
DC-FW # config system dns
DC-FW (dns) # set primary 8.8.8.8
DC-FW (dns) # set secondary 1.1.1.1
DC-FW (dns) # end
```

DC-FW Default Routes

```
DC-FW # config router static
DC-FW (static) # edit 1
DC-FW (1) # set dst 0.0.0.0 0.0.0.0
DC-FW (1) # set device port1
DC-FW (1) # set gateway 192.168.3.254
DC-FW (1) # next
DC-FW (static) # edit 2
DC-FW (2) # set dst 0.0.0.0 0.0.0.0
DC-FW (2) # set device port2
DC-FW (2) # set gateway 192.168.4.254
DC-FW (2) # next
DC-FW (static) # end
```

DC-FW Policy WAN

```
DC-FW # config firewall policy
DC-FW (policy) # edit 1
DC-FW (1) # set name LAN-to-WAN
DC-FW (1) # set srcintf port3
DC-FW (1) # set dstintf port1 port2
DC-FW (1) # set srcaddr all
DC-FW (1) # set dstaddr all
DC-FW (1) # set action accept
DC-FW (1) # set schedule always
DC-FW (1) # set service ALL
DC-FW (1) # set logtraffic all
DC-FW (1) # set nat enable
DC-FW (1) # set status enable
DC-FW (1) # next
DC-FW (policy) # end
```

BR-FW Hostname

```
FortiGate-VM64-KVM # config system global
FortiGate-VM64-KVM (global) # set hostname BR-FW
FortiGate-VM64-KVM (global) # set admintimeout 480
FortiGate-VM64-KVM (global) # end
```

BR-FW Management Interface

```
BR-FW # config system interface
BR-FW (interface) # edit port5
BR-FW (port5) # set alias MGMT
BR-FW (port5) # set mode static
BR-FW (port5) # set ip 192.168.100.230 255.255.255.0
BR-FW (port5) # set allowaccess ping https ssh http
BR-FW (port5) # end
```

BR-FW Port1 WAN-1 Interface

```
BR-FW # config system interface
BR-FW (interface) # edit port1
BR-FW (port1) # set alias WAN
BR-FW (port1) # set mode static
BR-FW (port1) # set ip 192.168.5.1 255.255.255.0
BR-FW (port1) # set allowaccess ping
BR-FW (port1) # set role wan
BR-FW (port1) # end
```

BR-FW Port2 LAN Interface

```
BR-FW # config system interface
BR-FW (interface) # edit port2
BR-FW (port3) # set alias LAN
BR-FW (port3) # set mode static
BR-FW (port3) # set ip 10.0.3.254 255.255.255.0
BR-FW (port3) # set allowaccess ping
BR-FW (port3) # set role lan
BR-FW (port3) # end
```

BR-FW DNS Configuration

```
BR-FW # config system dns
BR-FW (dns) # set primary 8.8.8.8
BR-FW (dns) # set secondary 1.1.1.1
BR-FW (dns) # end
```

BR-FW Default Routes

```
BR-FW # config router static
BR-FW (static) # edit 1
BR-FW (1) # set dst 0.0.0.0 0.0.0.0
BR-FW (1) # set device port1
BR-FW (1) # set gateway 192.168.5.254
BR-FW (static) # end
```

BR-FW Policy WAN

```
BR-FW # config firewall policy
BR-FW (policy) # edit 1
BR-FW (1) # set name LAN-to-WAN
BR-FW (1) # set srcintf port2
BR-FW (1) # set dstintf port1
BR-FW (1) # set srcaddr all
BR-FW (1) # set dstaddr all
BR-FW (1) # set action accept
BR-FW (1) # set schedule always
BR-FW (1) # set service ALL
BR-FW (1) # set logtraffic all
BR-FW (1) # set nat enable
BR-FW (1) # set status enable
BR-FW (1) # next
BR-FW (policy) # end
```

FW1 Hostname

```
FortiGate-VM64-KVM # config system global
FortiGate-VM64-KVM (global) # set hostname FW1
FortiGate-VM64-KVM (global) # set admintimeout 480
FortiGate-VM64-KVM (global) # end
```

FW1 Management Interface

```
FW1 # config system interface
FW1 (interface) # edit port5
FW1 (port5) # set alias MGMT
FW1 (port5) # set mode static
FW1 (port5) # set ip 192.168.100.205 255.255.255.0
FW1 (port5) # set allowaccess ping https ssh http
FW1 (port5) # end
```

FW1 Port1 WAN-1 Interface

```
FW1 # config system interface
FW1 (interface) # edit port1
FW1 (port1) # set alias WAN
FW1 (port1) # set mode static
FW1 (port1) # set ip 10.0.1.1 255.255.255.0
FW1 (port1) # set allowaccess ping
FW1 (port1) # set role wan
FW1 (port1) # end
```

FW1 DNS Configuration

```
FW1 # config system dns
FW1 (dns) # set primary 8.8.8.8
FW1 (dns) # set secondary 1.1.1.1
FW1 (dns) # end
```

FW1 Default Routes

```
FW1 # config router static
FW1 (static) # edit 1
FW1 (1) # set dst 0.0.0.0 0.0.0.0
FW1 (1) # set device port1
FW1 (1) # set gateway 10.0.1.254
FW1 (static) # end
```


FW1 Policy WAN

```
FW1 # config firewall policy
FW1 (policy) # edit 1
FW1 (1) # set name LAN-to-WAN
FW1 (1) # set srcintf port2
FW1 (1) # set dstintf port1
FW1 (1) # set srcaddr all
FW1 (1) # set dstaddr all
FW1 (1) # set action accept
FW1 (1) # set schedule always
FW1 (1) # set service ALL
FW1 (1) # set logtraffic all
FW1 (1) # set nat enable
FW1 (1) # set status enable
FW1 (1) # next
FW1 (policy) # end
```