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Exam : **NSE4_FGT-6.0**

Title : Fortinet NSE 4 – FortiOS 6.0

Version : DEMO

1.You are configuring the root FortiGate to implement the security fabric. You are configuring port10 to communicate with a downstream FortiGate. View the default Edit Interface in the exhibit below:

The screenshot shows the 'Edit Interface' configuration for 'port10(00:0C:29:53:DE:D7)'. The interface is a Physical Interface and is currently Up. The 'Tags' section shows the role is 'Undefined'. Under 'Addressing mode', 'Manual' is selected. The 'Administrative Access' section has several options checked: IPv4, HTTPS, HTTP, PING, FMG-Access, CAPWAP, SSH, SNMP, FTM, RADIUS Accounting, and FortiTelemetry. Other options like DHCP Server, Networked Devices, and Device Detection are also visible but not checked.

When configuring the root FortiGate to communicate with a downstream FortiGate, which settings are required to be configured? (Choose two.)

- A. Device detection enabled.
- B. Administrative Access: FortiTelemetry.
- C. IP/Network Mask.
- D. Role: Security Fabric.

Answer: BC

2.When browsing to an internal web server using a web-mode SSL VPN bookmark, which IP address is used as the source of the HTTP request?

- A. remote user's public IP address
- B. The public IP address of the FortiGate device.
- C. The remote user's virtual IP address.
- D. The internal IP address of the FortiGate device.

Answer: D

3.Examine this output from a debug flow:

```
id=20085 trace_id=1 func=print_pkt_detail line=5363 msg="vd-root received a packet(proto=1,
10.0.1.10:1->10.200.1.254:2048)
from port3. type=8, code=0, id=1, seq=33."
id=20085 trace_id=1 func=init_ip_session_common line=5519 msg="allocate a new session=00000340"
id=20085 trace_id=1 func=vf_ip_route_input_common line=2583 msg="find a route: flag=04000000 gw=10.200.1.254 via
port1"
id=20085 trace_id=1 func=fw_forward_handler line=586 msg="Denied by forward policy check (policy 0)"
```

Why did the FortiGate drop the packet?

- A. The next-hop IP address is unreachable.
- B. It failed the RPF check.
- C. It matched an explicitly configured firewall policy with the action DENY.
- D. It matched the default implicit firewall policy.

Answer: D

4.Examine the exhibit, which shows the output of a web filtering real time debug.

```
Local-FortiGate # diagnose debug enable

Local-FortiGate # diagnose debug application urlfilter -1

Local-FortiGate # msg= "received a request /tmp/.wad_192_0_0.url.socket, addr_len
=31 : d=www.bing.com : 80, id=29, vfname= 'root', vfid=0, profile= 'default', type=0,
client=10.0.1.10, url_source=1, url= "/"
Url matches local rating
action=10 (ftgd-block) wf-act=3 (BLOCK) user= "N/A" src=10.0.1.10 sport=63683 dst=2
04.79.197.200 dport=80 service= "http" cat=26 cat_desc= "Malicious Websites"
hostname= www.bing.com url= "/"
```

Why is the site www.bing.com being blocked?

- A. The web site www.bing.com is categorized by FortiGuard as Malicious Websites.
- B. The user has not authenticated with the FortiGate yet.
- C. The web server IP address 204.79.197.200 is categorized by FortiGuard as Malicious Websites.
- D. The rating for the web site www.bing.com has been locally overridden to a category that is being blocked.

Answer: D

5.View the exhibit:

▼ Status	▼ Name	▼ VLAN ID	▼ Type	▼ IP/Netmask
Physical(12)				
🟢	port1		Physical Interface	10.200.1.1 255.255.255.0
	port1-VLAN1	1	VLAN	10.200.5.1 255.255.255.0
	port1-VLAN10	10	VLAN	10.0.10.1 255.255.255.0
🟢	port2		Physical Interface	10.200.2.1 255.255.255.0
	port2-VLAN1	1	VLAN	10.0.5.1 255.255.255.0
	port2-VLAN10	10	VLAN	10.0.20.254 255.255.255.0
🟢	port3		Physical Interface	10.0.1.254 255.255.255.0

Which statement about the exhibit is true? (Choose two.)

- A. Broadcast traffic received in port1-VLAN10 will not be forwarded to port2-VLAN10.
- B. port-VLAN1 is the native VLAN for the port1 physical interface.

C. port1-VLAN10 and port2-VLAN10 can be assigned to different VDOMs.

D. Traffic between port1-VLAN1 and port2-VLAN1 is allowed by default.

Answer: AC