# Exam Questions NSE7_SDW-7.0

Fortinet NSE 7 - SD-WAN 7.0

## https://www.2passeasy.com/dumps/NSE7_SDW-7.0/

**NEW QUESTION 1**
Which two statements are correct when traffic matches the implicit SD-WAN rule? (Choose two.)

A. The sdwan_service_id flag in the session information is 0.
B. All SD-WAN rules have the default setting enabled.
C. Traffic does not match any of the entries in the policy route table.
D. Traffic is load balanced using the algorithm set for the v4-ecmp-mode setting.

**Answer:** AC

**NEW QUESTION 2**
What is the route-tag setting in an SD-WAN rule used for?

A. To indicate the routes for health check probes.
B. To indicate the destination of a rule based on learned BGP prefixes.
C. To indicate the routes that can be used for routing SD-WAN traffic.
D. To indicate the members that can be used to route SD-WAN traffic.

**Answer:** B

**NEW QUESTION 3**
Exhibit A –

| | # | Name | Type | Normalized Interface | Addressing Mode | IP/Netmask | Access |
|---|---|---|---|---|---|---|---|
| | | ▼ Physical (10) | | | | | |
| | 1 | port1 | Physical | port1 | Manual | 203.0.113.1/255.255.255.2 | PING |
| | 2 | port2 | Physical | port2 | Manual | 203.0.113.9/255.255.255.2 | PING |
| | 3 | port3 | Physical | port3 | Manual | 0.0.0.0/0.0.0.0 | |
| | 4 | port4 | Physical | port4 | Manual | 172.16.0.9/255.255.255.24 | PING |
| | 5 | port5 | Physical | port5 | Manual | 10.0.2.254/255.255.255.0 | PING |
| | 6 | port6 | Physical | port6 | Manual | 0.0.0.0/0.0.0.0 | |
| | 7 | port7 | Physical | port7 | Manual | 0.0.0.0/0.0.0.0 | |
| | 8 | port8 | Physical | port8 | Manual | 0.0.0.0/0.0.0.0 | |
| | 9 | port9 | Physical | port9 | Manual | 0.0.0.0/0.0.0.0 | |
| | 10 | port10 | Physical | port10 | Manual | 192.168.0.32/255.255.255. | HTTPS, PING, SSH, HT |
| | | ▼ Aggregate (1) | | | | | |
| | 11 | fortilink | Aggregate | | Manual | 169.254.1.1/255.255.255.0 | PING, Security Fabric C |
| | | ▼ Tunnel (3) | | | | | |
| | 12 | naf.root | Tunnel | | Manual | 0.0.0.0/0.0.0.0 | |
| | 13 | l2t.root | Tunnel | | Manual | 0.0.0.0/0.0.0.0 | |
| | 14 | ssl.root (SSL VPN interf | Tunnel | | Manual | 0.0.0.0/0.0.0.0 | |
| | | ▼ EMAC VLAN (1) | | | | | |
| | 15 | vl_lan_ts | EMAC VLAN | | Manual | 10.0.102.1/255.255.255.0 | PING |
| | | ▼ SD-WAN Zone (2) | | | | | |
| | 16 | virtual-wan-link | SD-WAN Zone | | | | |
| | 17 | SASE | SD-WAN Zone | SASE | | | |

| | # | ID | Destination | Gateway | Interface | Distance | Priority | Status | Description |
|---|---|---|---|---|---|---|---|---|---|
| | | ▼ Static Route (2) | | | | | | | |
| | 1 | 1 | 0.0.0.0/0.0.0.0 | 203.0.113.2 | port1 | 10 | 0 | Enable | |
| | 2 | 2 | 0.0.0.0/0.0.0.0 | 203.0.113.10 | port2 | 10 | 0 | Enable | |

Exhibit B –

| | # | Name | From | To | Source | Destination | Schedule | Service |
|---|---|---|---|---|---|---|---|---|
| | 1 | Internet_Access | port5 | port1 | all | all | always | ALL |
| | | ▼ Implicit (2-2 / Total: 1) | | | | | | |
| | 2 | Implicit Deny | any | any | all / all | all / all | always | ALL |

Exhibit A shows the system interface with the static routes and exhibit B shows the firewall policies on the managed FortiGate.
Based on the FortiGate configuration shown in the exhibits, what issue might you encounter when creating an SD-WAN zone for port1 and port2?

A. port1 is assigned a manual IP address.
B. port1 is referenced in a firewall policy.
C. port2 is referenced in a static route.
D. port1 and port2 are not administratively down.

**Answer:** B

**NEW QUESTION 4**
Refer to the exhibit, which shows the IPsec phase 1 configuration of a spoke.

```
config vpn ipsec phase1-interface
    edit "T_INET_0_0"
        set interface "port1"
        set ike-version 2
        set keylife 28800
        set peertype any
        set net-device disable
        set proposal aes128-sha256 aes256-sha256 aes128gcm-prfsha256 aes256gcm-prfsha384
chacha20poly1305-prfsha256
        set comments "[created by FMG VPN Manager]"
        set idle-timeout enable
        set idle-timeoutinterval 5
        set auto-discovery-receiver enable
        set remote-gw 100.64.1.1
        set psksecret ENC
6D5rVsaK1MeAyVYt1z95BS24Psew761wY023hnFVviwb6deItSc51tCa+iNYhujT8gycfD4+WuszpmuIv8rRzrVh
7DFkHaW2auAAprQ0dHUfaCzjOhME7mPw+8he2xB7Edb9ku/nZEHb0cKLkKYJc/p9J9IMweV21ZUgFjvIpXNxHxpH
LReOFShoH01SPFKz5IYCVA==
    next
end
```

What must you configure on the IPsec phase 1 configuration for ADVPN to work with SD-WAN?

A. You must set ike-version to 1.
B. You must enable net-device.
C. You must enable auto-discovery-sender.
D. You must disable idle-timeout.

**Answer:** B


**NEW QUESTION 5**
Which two statements about SD-WAN central management are true? (Choose two.)

A. The objects are saved in the ADOM common object database.
B. It does not support meta fields.
C. It uses templates to configure SD-WAN on managed devices.
D. It supports normalized interfaces for SD-WAN member configuration.

**Answer:** AC

**Explanation:**
Normalized interfaces are not supported for SD-WAN templates. You can create multiple SD-WAN zones and add interface members to the SD-WAN zones. You must bind the interface members by name to physical interfaces or VPN
interfaces.https://docs.fortinet.com/document/fortigate/7.0.0/sd-wan-new-features/794804/new-sd-wan-template


**NEW QUESTION 6**
Refer to the exhibit.

```
# get router info routing-table all
...
B       10.0.2.0/24 [200/0] via 10.201.1.2 [3] (recursive via VPN0 tunnel 100.64.1.1), 00:00:54
                    [200/0] via 10.202.1.2 [3] (recursive via VPN1 tunnel 100.64.1.9), 00:00:54
                    [200/0] via 10.203.1.1 [3] (recursive via VPN2 tunnel 172.16.1.5), 00:00:54
...
```

The device exchanges routes using IBGP.
Which two statements are correct about the IBGP configuration and routing information on the device? (Choose two.)

A. Each BGP route is three hops away from the destination.
B. ibgp-multipath is disabled.
C. additional-path is enabled.
D. You can run the get router info routing-table database command to display the additional paths.

**Answer:** CD


**NEW QUESTION 7**
Refer to the exhibit.

```
config system sdwan
    set status enable
    set load-balance source-dest-ip-based
    config zone
        edit "virtual-wan-link"
        next
        edit "SASE"
        next
        edit "underlay"
        next
    end
    config members
        edit 1
            set interface "port1"
            set zone "underlay"
            set gateway 192.2.0.2
        next
        edit 2
            set interface "port2"
            set zone "underlay"
            set gateway 192.2.0.10
        next
    end
...
end
```

Which algorithm does SD-WAN use to distribute traffic that does not match any of the SD-WAN rules?

A. All traffic from a source IP to a destination IP is sent to the same interface.
B. All traffic from a source IP is sent to the same interface.
C. All traffic from a source IP is sent to the most used interface.
D. All traffic from a source IP to a destination IP is sent to the least used interface.

**Answer:** A

**NEW QUESTION 8**
Refer to the exhibit.

```
branch1_fgt # diagnose sys sdwan service 3

Service(3): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(5), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(priority), link-cost-
factor(latency), link-cost-threshold(10), heath-check(VPN_PING)
  Members(3):
    1: Seq_num(3 T_INET_0_0), alive, latency: 101.349, selected
    2: Seq_num(4 T_INET_1_0), alive, latency: 151.278, selected
    3: Seq_num(5 T_MPLS_0), alive, latency: 200.984, selected
  Src address(1):
        10.0.1.0-10.0.1.255

  Dst address(1):
        10.0.0.0-10.255.255.255


branch1_fgt (3) # show
config service
    edit 3
        set name "Corp"
        set mode priority
        set dst "Corp-net"
        set src "LAN-net"
        set health-check "VPN_PING"
        set priority-members 3 4 5
    next
end
```

The exhibit shows the SD-WAN rule status and configuration.
Based on the exhibit, which change in the measured latency will make T_MPLS_0 the new preferred member?

A. When T_INET_0_0 and T_MPLS_0 have the same latency.
B. When T_MPLS_0 has a latency of 100 ms.
C. When T_INET_0_0 has a latency of 250 ms.
D. When T_N1PLS_0 has a latency of 80 ms.

**Answer:** D

**NEW QUESTION 9**
Which best describes the SD-WAN traffic shaping mode that bases itself on a percentage of available bandwidth?

A. Interface-based shaping mode
B. Reverse-policy shaping mode

C. Shared-policy shaping mode
D. Per-IP shaping mode

**Answer:** A

**Explanation:**
Interface-based shaping goes further, enabling traffic controls based on percentage of the interface bandwidth.

**NEW QUESTION 10**
Which two settings can you configure to speed up routing convergence in BGP? (Choose two.)

A. update-source
B. set-route-tag
C. holdtime-timer
D. link-down-failover

**Answer:** CD

**NEW QUESTION 10**
Refer to the exhibit.

```
config system settings
    set firewall-session-dirty check-new
end
```

Based on the exhibit, which two actions does FortiGate perform on sessions after a firewall policy change? (Choose two.)

A. FortiGate flushes all sessions.
B. FortiGate terminates the old sessions.
C. FortiGate does not change existing sessions.
D. FortiGate evaluates new sessions.

**Answer:** CD

**Explanation:**
FortiGate not to flag existing impacted session as dirty by setting firewall-session-dirty to check new. The results is that FortiGate evaluates only new session against the new firewall policy.

**NEW QUESTION 12**
Refer to the exhibits.
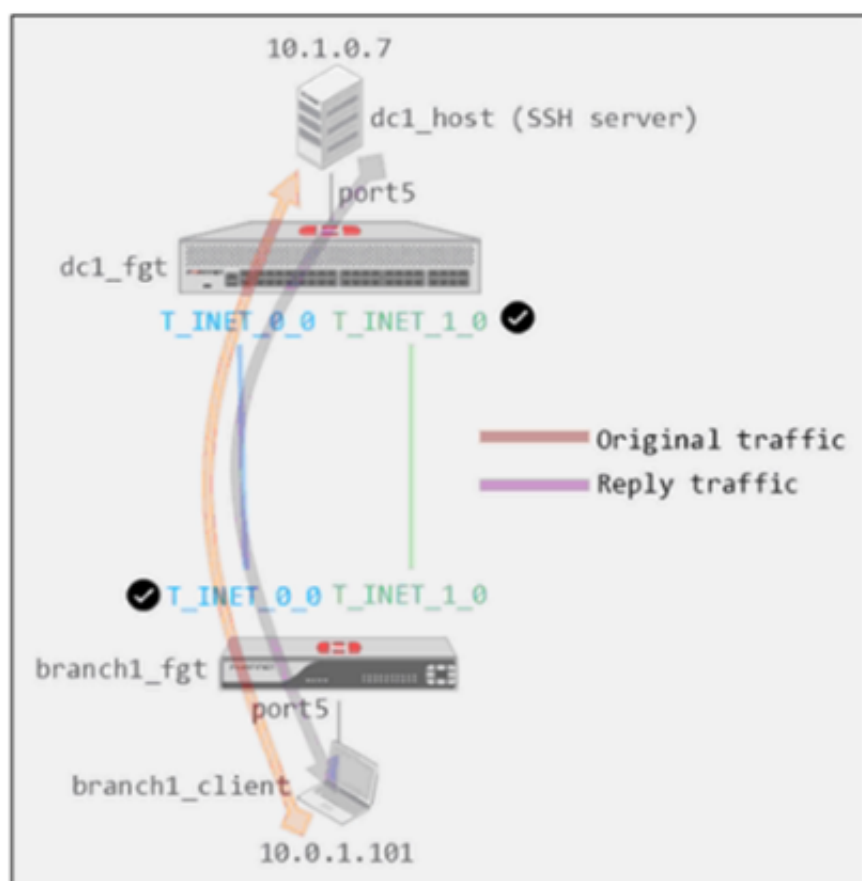Exhibit A



Exhibit B

```
dc1_fgt # show system global
config system global
    set admin-https-redirect disable
    set admintimeout 480
    set alias "FortiGate-VM64"
    set hostname "dc1_fgt"
    set timezone 04
end

dc1_fgt # show system settings
config system settings
    set tcp-session-without-syn enable
    set allow-subnet-overlap enable
    set gui-allow-unnamed-policy enable
    set gui-multiple-interface-policy enable
end
```

Exhibit A shows a site-to-site topology between two FortiGate devices: branch1_fgt and dc1_fgt. Exhibit B shows the system global and system settings configuration on dc1_fgt.

When branch1_client establishes a connection to dc1_host, the administrator observes that, on dc1_fgt, the reply traffic is routed over T_INET_0_0, even though T_INET_1_0 is the preferred member in the matching SD-WAN rule.

Based on the information shown in the exhibits, what configuration change must be made on dc1_fgt so dc1_fgt routes the reply traffic over T_INET_1_0?

A. Enable auxiliary-session under config system settings.
B. Disable tp-session-without-syn under config system settings.
C. Enable snat-route-change under config system global.
D. Disable allow-subnet-overlap under config system settings.

**Answer:** A

**Explanation:**
Controlling return path with auxiliary session When multiple incoming or outgoing interfaces are used in ECMP or for load balancing, changes to routing, incoming, or return traffic interfaces impacts how an existing sessions handles the traffic. Auxiliary sessions can be used to handle these changes to traffic patterns.https://docs.fortinet.com/document/fortigate/7.0.11/administration-guide/14295/controlling-return-path

**NEW QUESTION 17**
Which components make up the secure SD-WAN solution?

A. Application, antivirus, and URL, and SSL inspection
B. Datacenter, branch offices, and public cloud
C. FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
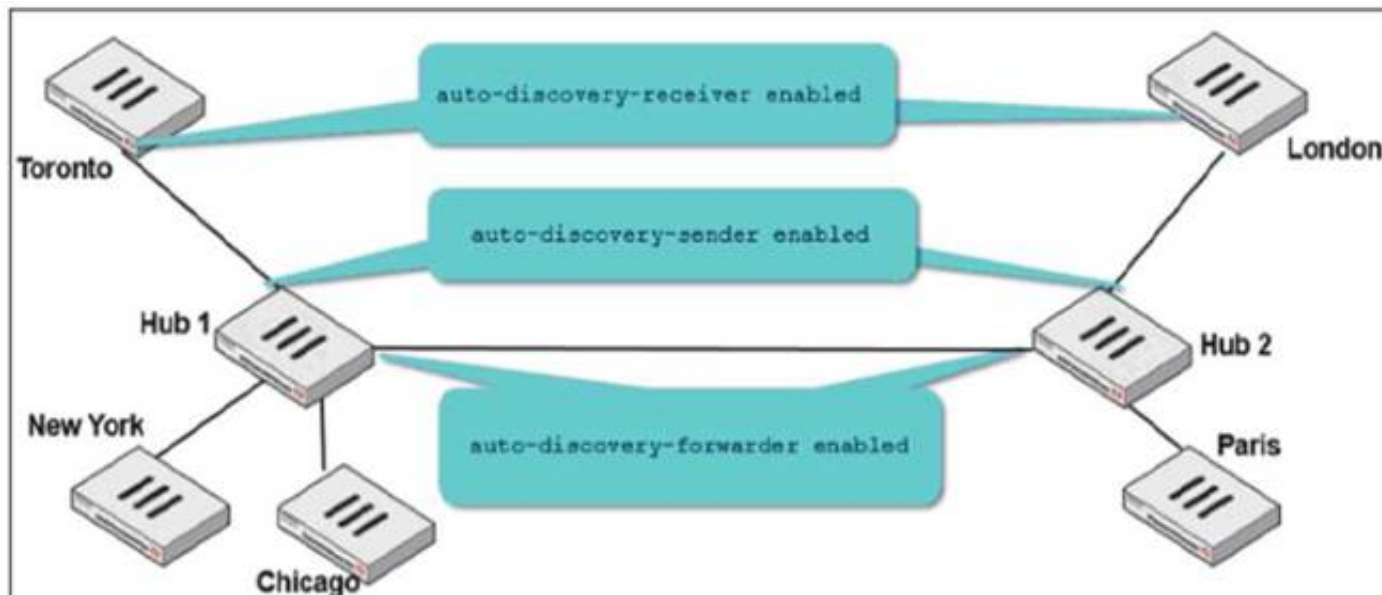D. Telephone, ISDN, and telecom network.

**Answer:** C

**NEW QUESTION 21**
Which diagnostic command can you use to show the member utilization statistics measured by performance SLAs for the last 10 minutes?

A. diagnose sys sdwan intf-sla-log
B. diagnose sys sdwan health-check
C. diagnose sys sdwan log
D. diagnose sys sdwan sla-log

**Answer:** D

**NEW QUESTION 26**
Two hub-and-spoke groups are connected through a site-to-site IPsec VPN between Hub 1 and Hub 2. The administrator configured ADVPN on both hub-and-spoke groups.



Which two outcomes are expected if a user in Toronto sends traffic to London? (Choose two.)

A. London generates an IKE information message that contains the Toronto public IP address.
B. Traffic from Toronto to London triggers the dynamic negotiation of a direct site-to-site VPN.

C. Toronto needs to establish a site-to-site tunnel with Hub 2 to bypass Hub 1.
D. The first packets from Toronto to London are routed through Hub 1 then to Hub 2.

**Answer:** BD

**NEW QUESTION 28**
......

C. Toronto needs to establish a site-to-site tunnel with Hub 2 to bypass Hub 1.
D. The first packets from Toronto to London are routed through Hub 1 then to Hub 2.

**Answer:** BD

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