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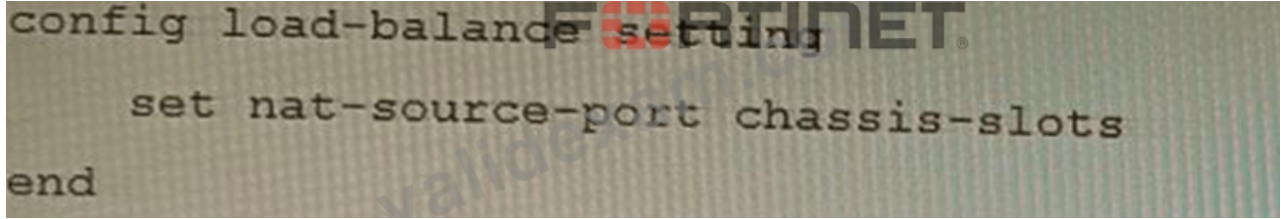
To prepare for the Fortinet NSE8_812 exam, individuals can take advantage of a variety of resources, including training courses, study guides, and practice exams. Fortinet also offers a range of certification programs that can help individuals develop the skills and knowledge required to pass the exam and advance in their careers.

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Fortinet NSE 8 - Written Exam (NSE8_812) Sample Questions (Q60-Q65):

NEW QUESTION # 60

Review the following FortiGate-6000 configuration excerpt:



```
config load-balance setting
    set nat-source-port chassis-slots
end
```

Based on the configuration, which statement is correct regarding SNAT source port partitioning behavior?

- A. It dynamically distributes SNAT source ports to operating FPCs or FPMs.
- B. It equally distributes SNAT source ports across chassis slots.
- C. It is the default SNAT configuration and preserves active sessions when an FPC or FPM goes down.
- **D. It statically distributes SNAT source ports to operating FPCs or FPMs**

Answer: D

Explanation:

<https://docs.fortinet.com/document/fortigate/7.4.1/fortigate-6000-administration-guide/81276/controlling-snat-port-partitioning-behavior>

"chassis-slots this option statically allocates SNAT source ports to all FPCs that are enabled when you enter the command. If you disable an FPC from the CLI, the SNAT source ports assigned to that FPC will not be re-allocated to the remaining FPCs. All FPCs that are still operating will maintain the same SNAT source port allocation and active sessions being processed by the still operating FPCs will not be affected."

NEW QUESTION # 61

What is the benefit of using FortiGate NAC LAN Segments?

- A. It allows for assignment of dynamic address objects matching NAC policy.
- **B. It provides physical isolation without changing the IP address of hosts.**
- C. It provides support for IGMP snooping between hosts within the same VLAN
- D. It provides support for multiple DHCP servers within the same VLAN.

Answer: B

Explanation:

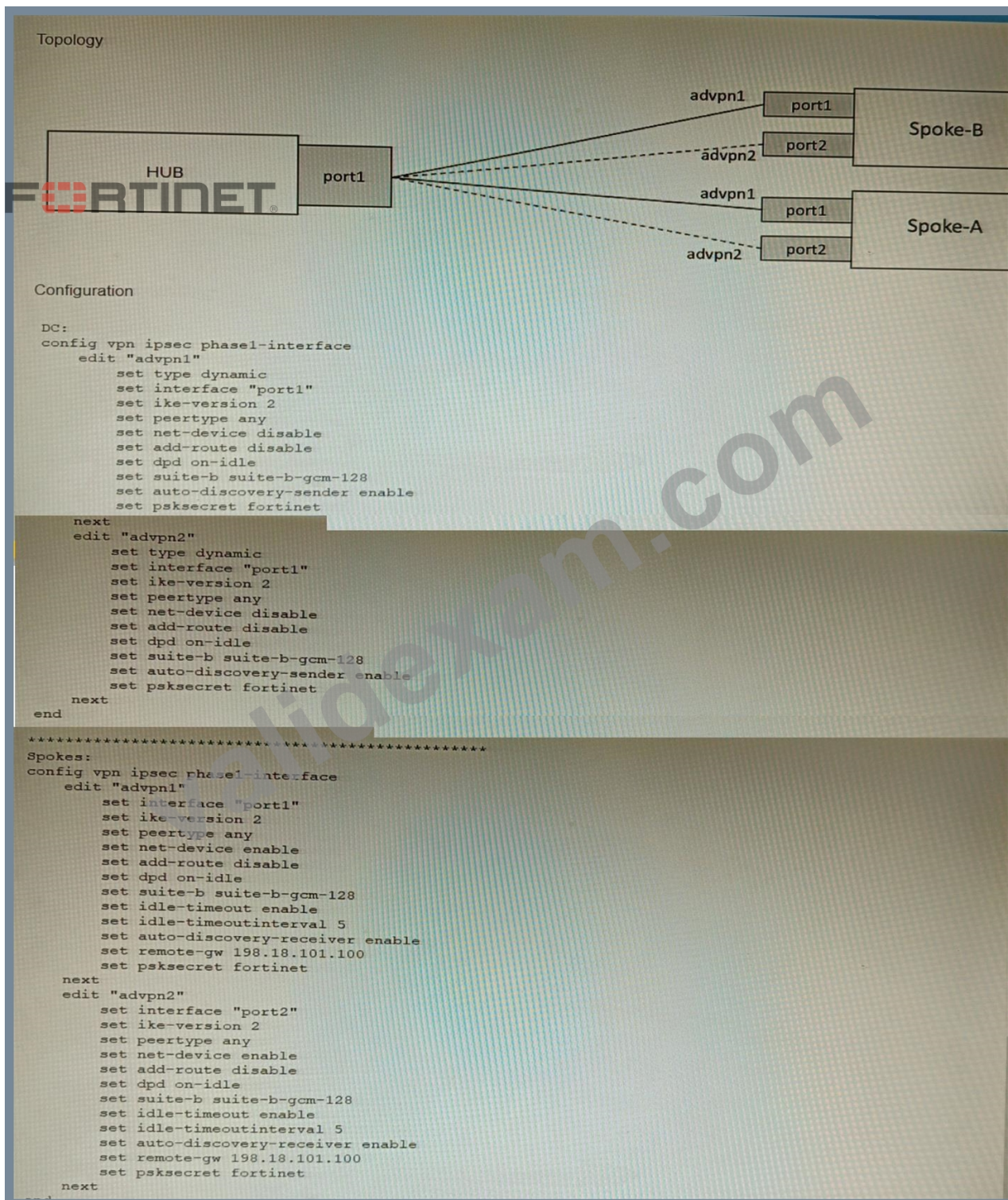
FortiGate NAC LAN Segments are a feature that allows users to assign different VLANs to different LAN segments without changing the IP address of hosts or bouncing the switch port. This provides physical isolation while maintaining firewall sessions and avoiding DHCP issues. One benefit of using FortiGate NAC LAN Segments is that it allows for assignment of dynamic address objects matching NAC policy. This means that users can create firewall policies based on dynamic address objects that match the NAC policy criteria, such as device type, OS type, MAC address, etc. This simplifies firewall policy management and enhances security by applying different security profiles to different types of devices. References: <https://docs.fortinet.com/document/fortigate/7.0.0/new-features/856212/nac-lan-segments-7-0-1>

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NEW QUESTION # 62

Refer to the exhibits.



The exhibits show a diagram of a requested topology and the base IPsec configuration.

A customer asks you to configure ADVPN via two internet underlays. The requirement is that you use one interface with a single IP address on DC FortiGate.

In this scenario, which feature should be implemented to achieve this requirement?

- A. Use peer-id
- B. Use local-id
- C. Change advpn2 to IKEv1
- **D. Use network-overlay id**

Answer: D

Explanation:

A is correct because using network-overlay id allows you to configure multiple ADVPN tunnels on a single interface with a single IP

address on the DC FortiGate. This is explained in the FortiGate Administration Guide under ADVPN > Configuring ADVPN > Configuring ADVPN on the hub. References: <https://docs.fortinet.com/document/fortigate/7.4.0/administration-guide/978793/advpn> <https://docs.fortinet.com/document/fortigate/7.4.0/administration-guide/978793/advpn/978794/configuring-advpn> <https://community.fortinet.com/t5/FortiGate/Technical-Tip-Use-case-of-Network-Ids-with-ADVPN-shortcut/ta-p/241025>

NEW QUESTION # 63

Refer to the exhibit, which shows a Branch1 configuration and routing table.


```

Branch1 # show system sdwan
config system sdwan
    set status enable
    set load-balance-mode source-dest-ip-based
    config zone
        edit "internet"
        next
        edit "overlay"
        next
    end
    config members
        edit 1
            set interface "wan1"
            set zone "internet"
        next
        edit 2
            set interface "wan2"
            set zone "internet"
        next
        edit 3
            set interface "vpn1-net"
            set zone "overlay"
        next
        edit 4
            set interface "vpn2-mpls"
            set zone "overlay"
        next
    end
    config service
    end
end

```

FORTINET

```

end

#####

Branch1 # show router static
config router static
    edit 0
        set distance 1
        set sdwan-zone "internet" "overlay"
    next
end

#####

Branch1 # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type
2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
inter area
* - candidate default

Routing table for VRF=0
S*    0.0.0.0/0 [1/0] via 10.198.1.1, wan1, [1/0]
      [1/0] via 10.198.2.1, wan2, [1/0]
      [1/0] via vpn1-net tunnel 10.198.5.2, [1/0]
      [1/0] via vpn1-mpls tunnel 10.198.6.2, [1/0]
C     10.1.1.0/24 is directly connected, port3
...

```

In the SD-WAN implicit rule, you do not want the traffic load balance for the overlay interface when all members are available. In this scenario, which configuration change will meet this requirement?

- A. Configure the priority in each overlay member to 10.

- B. Create a new static route with the internet sdwan-zone only
- C. Change the load-balance-mode to source-ip-based.
- D. Configure the cost in each overlay member to 10.

Answer: A

Explanation:

The default load balancing mode for the SD-WAN implicit rule is source IP based. This means that traffic will be load balanced evenly between the overlay members, regardless of the member's priority.

To prevent traffic from being load balanced, you can configure the priority of each overlay member to 10.

This will make the member ineligible for load balancing.

The other options are not correct. Changing the load balancing mode to source-IP based will still result in traffic being load

balanced. Creating a new static route with the internet sdwan-zone only will not affect the load balancing of the overlay interface.

Configuring the cost in each overlay member to 10 will also not affect the load balancing, as the cost is only used when the implicit rule cannot find a match for the destination IP address.

Option	Description
Change the load-balance-mode to source-ip-based	Will still result in traffic being load balanced.
Create a new static route with the internet sdwan-zone only	Will not affect the load balancing of the overlay interface.
Configure the cost in each overlay member to 10	Will not affect the load balancing, as the cost is only used when the implicit rule cannot find a match for the destination IP address.
Configure the priority in each overlay member to 10	Will prevent traffic from being load balanced.

<https://docs.fortinet.com/document/fortigate/6.4.0/sd-wan-deployment-for-mssps/775385/defining-interface-members>

NEW QUESTION # 64

SD-WAN is configured on a FortiGate. You notice that when one of the internet links has high latency the time to resolve names using DNS from FortiGate is very high.

You must ensure that the FortiGate DNS resolution times are as low as possible with the least amount of work.

What should you configure?

- A. Configure local out traffic to use the outgoing interface based on SD-WAN rules with a manual defined IP associated to a loopback interface and configure an SD-WAN rule from the loopback to the DNS server.
- B. Configure an SD-WAN rule to the DNS server and use the FortiGate interface IPs in the source address.
- C. Configure two DNS servers and use DNS servers recommended by the two internet providers.
- **D. Configure local out traffic to use the outgoing interface based on SD-WAN rules with the interface IP and configure an SD-WAN rule to the DNS server.**

Answer: D

Explanation:

SD-WAN is a feature that allows users to optimize network performance and reliability by using multiple WAN links and applying rules based on various criteria, such as latency, jitter, packet loss, etc. One way to ensure that the FortiGate DNS resolution times are as low as possible with the least amount of work is to configure local out traffic to use the outgoing interface based on SD-WAN rules with the interface IP and configure an SD-WAN rule to the DNS server. This means that the FortiGate will use the best WAN link available to send DNS queries to the DNS server according to the SD-WAN rule, and use its own interface IP as the source address. This avoids NAT issues and ensures optimal DNS performance. References:

<https://docs.fortinet.com/document/fortigate/7.0.0/sd-wan/19662/sd-wan>

NEW QUESTION # 65

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