350-601 Q&As

Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

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QUESTION 1

Refer to the exhibit.

```
SITE-A-MDS-Fabric-A# sh flogi dat
-------------------------------------------------------------------------------
INTERFACE        VSAN    FCID           PORT NAME               NODE NAME
-------------------------------------------------------------------------------
fc1/3            100    0x6b0000  50:00:14:42:c0:0c:f5:00 50:00:14:40:47:a0:0c:f5
fc1/4            100    0x6b0200  50:00:14:42:c0:0c:f5:01 50:00:14:40:47:a0:0c:f5
fc1/5            100    0x6b0300  50:00:14:42:d0:0c:f5:00 50:00:14:40:47:b0:0c:f5
fc1/6            100    0x6b0100  50:00:14:42:d0:0c:f5:01 50:00:14:40:47:b0:0c:f5
fc1/7            50     0x550000  50:00:14:42:c0:0c:f5:20 50:00:14:40:47:a0:0c:f5
fc1/8            50     0x550100  50:00:14:42:c0:0c:f5:21 50:00:14:40:47:a0:0c:f5
fc1/9            50     0x550200  50:00:14:42:d0:0c:f5:20 50:00:14:40:47:b0:0c:f5
fc1/10           50     0x550300  50:00:14:42:d0:0c:f5:21 50:00:14:40:47:b0:0c:f5
fc1/11           100    0x6b0400  20:20:54:7f:ee:fa:de:c0 20:64:54:7f:ee:fa:de:c1
fc1/11           100    0x6b0401  20:00:00:25:b5:00:01:02 20:00:00:25:b5:00:00:01
fc1/11           100    0x6b0402  20:00:00:25:b5:00:01:00 20:00:00:25:b5:00:00:00
fc1/11           100    0x6b0403  20:00:00:25:b5:00:01:03 20:00:00:25:b5:00:00:01
fc1/11           100    0x6b0404  20:00:00:25:b5:00:01:01 20:00:00:25:b5:00:00:00

Total number of flogi = 13.
```

An engineer must configure a Fibre Channel device alias named TEST for a device attached to port fc1/9 of a Cisco Nexus Series Switch. Which command set completes the configuration?

A.
```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
```

B.
```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20
SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
```

C.
```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5
SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
```

D.
```
SITE-A-MDS-Fabric-A# device-alias database
SITE-A-MDS-Fabric-A (device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
```

A. Option A

B. Option B

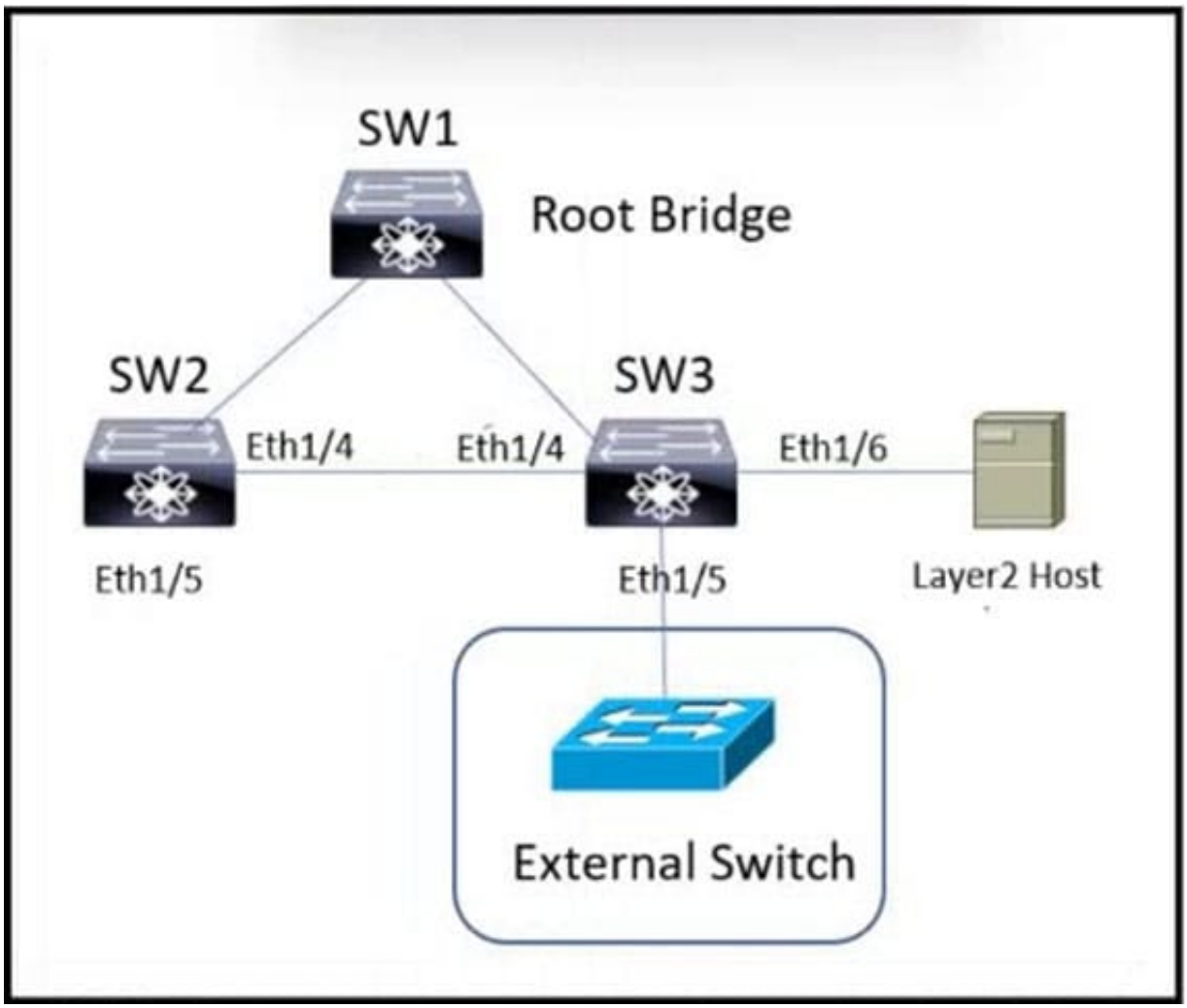
C. Option C

D. Option D

Correct Answer: B

QUESTION 2

DRAG DROP



Refer to the exhibit. The Cisco Nexus Series Switches SW1, SW2, and SW3 are connected via Layer 2 copper interfaces. An engineer implements loop prevention standard IEEE 802.1w on each VLAN lo provide lasier recovery from network changes or failures. The Implementation has these requirements:

1.

Interfaces that are connected to Layer 2 hosts must not receive STP BPDUs.

2.

The implementation must detect unidirectional links due to one-way traffic twisted- pair links

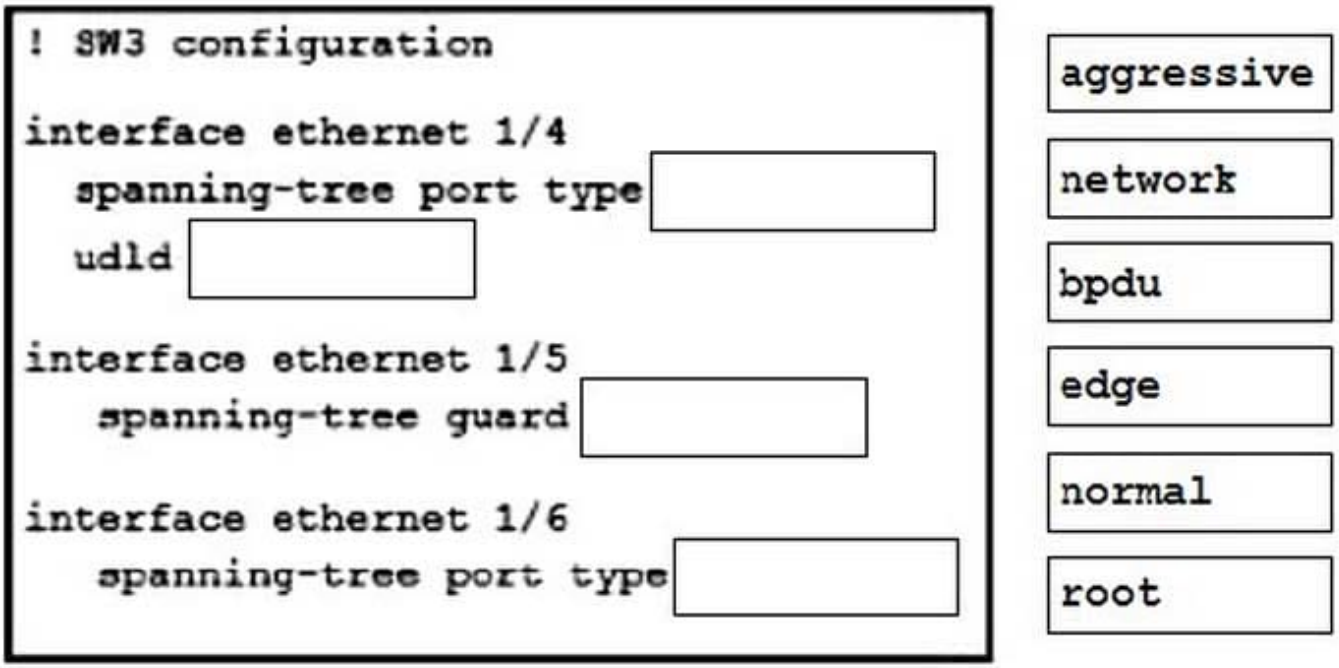
3.

Bridge assurance must be enabled between SW2 and SW3 The Layer 2 domain must be protected from superior BPDUs that arrive from external switches.

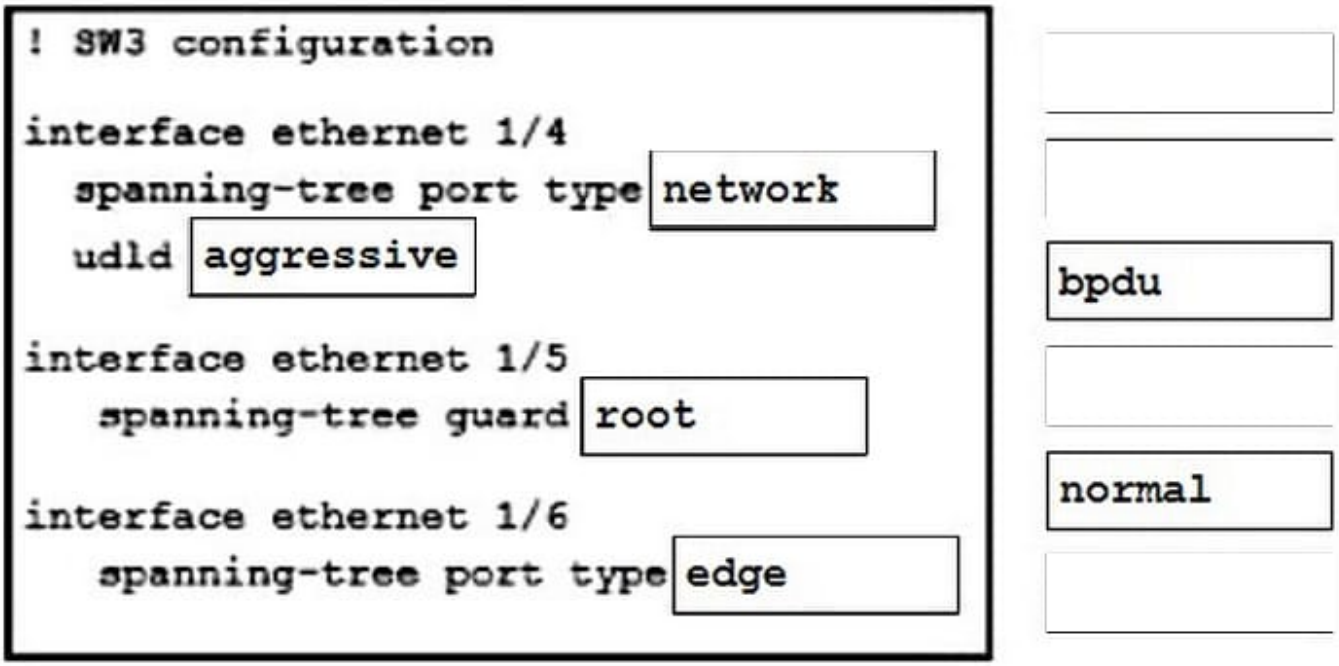
Drag and drop the code snippets from the right onto the blanks in the code on the left to complete the configuration for

SW3. Not all code snippets are used.

Select and Place:



Correct Answer:



interface ethernet 1/4 spanning-tree port type network udld aggressive interface ethernet 1/5 spanning-tree guard root interface ethernet 1/6 spanning-tree port type edge

In the question, we have 4 most important requirements:

1.

Interfaces that are connected to Layer 2 hosts must not receive STP BPDUs.

2.

The implementation must detect unidirectional links due to one-way traffic twisted-pair links.

3.

Bridge assurance must be enabled between SW2 and SW3.

4.

The Layer 2 domain must be protected from superior BPDUs that arrive from external switches. 1st: command spanning-tree port type edge disables stp process on port 2nd: udld aggressive enables UDLD in aggressive mode 3rd: Bridge assurance is enabled globally by default on NX-OS. However, we do have to change the spanning-tree port type to network on interfaces 4th: Root guard is enabled with the interface command spanning-tree guard root. Root guard is placed on designated ports toward other switches that should never become root bridges.

QUESTION 3

Refer to the exhibit.

```
1   . /etc/init.d/functions
2   exec="/usr/bin/chef-client"
3   prog="chef-client"
4   [ -e /etc/sysconfig/$prog ] && . /etc/sysconfig/$prog
5   config=${CONFIG-/etc/chef/client.rb}
6   pidfile=${PIDFILE-/var/run/chef/client.pid}
7   reload() {
8   echo -n $"Reloading $prog: "
9       [                                    ]
10      retval=$?
11  echo
12  return $retval
13  }
14  case "$1" in
15      reload)
16          rh_status_q || exit 7
17          ;;
18  exit 2
19  esac
20  exit $?
```

A developer must create a Bash script that performs a Chef Client reload in the event of a system reset. Which command completes the script?

- killproc -n $pidfile $exec -SIGHUP
- killproc -pi $pidfile $exec -HUP
- killproc -n $pidfile $exec -HUP
- killproc -p $pidfile $exec -HUP

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 4

An engineer needs to implement a solution that will provide telemetry of MDS 9000 switches in a SAN fabric. The solution should use Cisco Data Center Network Manager (DCNIM) with SAN insights feature. Which three steps are required to deploy the solution? (Choose Three.)

A. Select a target Fabric to be monitored.

B. Activate ENTERPRISE_PKG license on target switches

C. Select the target ports to be monitored for telemetry data

D. Configure name resolution between the devices

E. Select a target VSAN to be monitored

F. Activate SAN_ANALYTICS_PKG license on target switches

Correct Answer: ACF

QUESTION 5

An engineer creates a service profile in Cisco UCS Manager and must assign a policy that reboots blades when changes are applied. The changes must be applied only after user acknowledgment. Which two policies must be configured to meet these requirements? (Choose two.)

A. Boot Policy

B. Global Policy

C. Power Control Policy

D. Maintenance Policy

E. Reboot Policy

Correct Answer: DE

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Management/3-1/b_Cisco_UCS_Admin_Mgmt_Guide_3_1/b_Cisco_UCS_Admin_Mgmt_Guide_3_1_chapter_01011.html

Maintenance Policy

The maintenance policy specifies how deploys the service profile changes. The deployment can occur in one of the following ways:

- Immediately
- When acknowledged by a user with administrator privileges
- Automatically at the time specified in a schedule
- On the next reboot or shutdown without waiting for the user acknowledgment or the timer scheduling option

Reboot Policy field

When a service profile is associated with a server, or when changes are made to a service profile that is already associated with a server, you must reboot the server to complete the process. The **Reboot Policy** field determines when the reboot occurs for servers associated with any service profiles that include this maintenance policy. This can be one of the following:

- **Immediate**–The server reboots automatically as soon as the service profile association is complete or when you save service profile changes.
- **User Ack**–You must explicitly acknowledge the pending activities for the changes made to the service profile to be applied to the associated server.
- **Timer Automatic**–Cisco UCS defers all service profile associations and changes until the maintenance window defined by the schedule shown in the **Schedule** field.
- **On Next Boot**–This option is used in combination with either **User Ack** or **Timer Automatic**. When the **On Next Boot** option is enabled, the host OS reboot, shutdown, and reset, or server reset and shutdown also triggers the associated FSM to apply the changes waiting for the**User Ack**, or the **Timer Automatic** maintenance window.

Note De-selecting the On Next Boot option disables the Maintenance Policy on the BMC.