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Question #1 *Topic 1*

You are planning a 10 Gbps link between two CX switches. Which type of SFP port will be required?

A. SFP28

B. SFP+

C. SFP

D. QSFP+

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #2 *Topic 1*

Review the sFlow configuration below. Which statements are true? (Choose two.)

```
switch# show sflow
sFlow Global Configuration
---------------------------------------
sFlow enabled
Collector IP/Port/Vrf 10.0.0.2/6343/default
10.0.0.3/6400/default
Agent Address 10.0.0.1
Sampling Rate 1024
Polling Interval 30
Header Size 128
Max Datagram Size 1400
sFlow Status
---------------------------------------
Running - Yes
sFlow Statistics
```

A. 1 out of every 1024 data bytes is collected.

B. Data is collected every 1024 seconds.

C. Data is collected every 30 seconds.

D. 1 out of every 30 data bytes is collected.

E. 1024 out of 1400 data bytes are collected.

Suggested Answer: *AC*

Currently there are no comments in this discussion, be the first to comment!

Refer to the output:

```
@@ -1,5 +1,5 @@
 !
-!Version ArubaOS-CX PL.10.08.1010
+!Version ArubaOS-CX PL.10.13.1030
 !export-password: default
@@ -11,27 +11,56 @@
 !
 !
 !
+logging 10.18.40.50 severity notice
 vlan 1
-spanning-tree
+no spanning-tree
+port-access lldp-group AP-group
+    seq 10 match sys-desc 505
+port-access role AP-role
+    description Aruba AP
+    poe-priority high
+    trust-mode dscp
+    vlan trunk native 1
+    vlan trunk allowed 2000-2001
+port-access device-profile AP-profile
+    enable
+    associate role AP-role
+    associate lldp-group AP-group
 interface 1/1/1 no shutdown
-    vlan access 1
+    vlan trunk native 1
+    vlan trunk allowed 1,2000-2001
 interface 1/1/2 no shutdown
-    vlan access 1
+    vlan trunk native 1
+    vlan trunk allowed 1,2000-2001
 interface 1/1/3 no shutdown
-    vlan access 1
+    vlan trunk native 450
+    vlan trunk allowed 1,450,2000-2001
 interface 1/1/4 no shutdown
-    vlan access 1
+    vlan access 450
 interface 1/1/5
     no shutdown
     vlan access 1
@@ -42,6 +71,7 @@
     no shutdown
     vlan access 1
 interface 1/1/8
+    description port 8
     no shutdown vlan access 1
 interface 1/1/9
@@ -54,15 +84,18 @@
     no shutdown
     vlan access 1
 interface 1/1/12
     no shutdown
     vlan access 1
 interface 1/1/13
     no shutdown
-    vlan access 1
+    vlan access 2000
 interface 1/1/14
     no shutdown
     vlan trunk native 1
-    vlan trunk allowed 1,2000-2001
+    vlan trunk allowed 1,450,2000-2001
 interface 1/1/15
     no shutdown
     vlan access 1
@@ -70,8 +103,17 @@
     no shutdown
     vlan access 1
 interface vlan 1
-    ip dhcp
+interface vlan 2000
+    ip address 10.18.40.11/24
+ip route 0.0.0.0/0 10.18.40.1
+mirror session 1
+    destination interface 1/1/12
+    enable
+ip dns server-address 8.8.8.8
 !
 !
 !
```

Which CLI command was used to produce this output?

A. Use checkpoint diff to compare running-config with stored checkpoints.

B. Use show checkpoint compare to compare running-config with stored saved-config revisions.

C. Use show checkpoint diff to compare running-config with stored checkpoints.

D. Use checkpoint compare to compare running-config with stored saved-config revisions.

Suggested Answer: *C*

Community vote distribution

A (100%)

Dranizz 3 weeks, 5 days ago

Selected Answer: A

A confirm

upvoted 1 times

Killorp 1 month, 2 weeks ago

Selected Answer: A

Command is 'checkpoint diff' not 'show checkpoint diff'.

upvoted 2 times

Question #4 *Topic 1*

DRAG DROP -

Company A has an existing HPE Aruba Networking CX 8325 VSX. It has acquired Company B and must merge its networks onto the same VSX switch configuration as Company A. Both Company A and Company B share the same 10.100.100.1/24 subnet.

What is the correct order for creating a configuration allowing overlapping networks in the setup?

OPTIONS	ORDER	
ip address 10.100.100.1/24	1.	
vrf company-b	2.	
vrf attach company-b	3.	
interface vlan 200	4.	

Suggested Answer:

ORDER	
ip address 10.100.100.1/24	1.
vrf company-b	2.
vrf attach company-b	3.
interface vlan 200	4.

Currently there are no comments in this discussion, be the first to comment!

Question #5 *Topic 1*

Your customer is concerned about users connecting unmanaged switches to the network and causing outages. Which CX switch feature should you recommend?

A. Port security

B. BPDU Guard

C. Loop protection

D. MAC authentication

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #6 *Topic 1*

Which parameters can be configured in a Local User Role? (Choose two.)

A. VLAN

B. ClearPass server

C. Description

D. Authentication method

E. ACL

Suggested Answer: *AE*

Currently there are no comments in this discussion, be the first to comment!

Question #7 *Topic 1*

For the aggregation layer, you must configure two new HPE Aruba Networking CX 8100 switches (VSX). LACP link aggregations to downstream access switches using redundant ports from both switches are required.
Which configuration example would create the required lag setup on both switches utilizing HPE Aruba Networking clustering or stacking technologies?

A.
```
int lag 1
     no routing
     lacp mode active
     vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
int 2/1/1
    lag 1
    no shutdown
!
```

B.
```
int lag 1 multi-chassis
     no routing
     no shutdown
     lacp mode active
     vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
```

C.
```
int lag 1
     no routing
     no shutdown
     lacp mode active
     vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
```

D.
```
int lag 1 multi-chassis
     no routing
     no shutdown
     lacp mode active
     vlan trunk allowed all
!
int 1/1/1
    no shutdown
    lag 1
!
int 2/1/1
    no shutdown
    lag 1
!
```

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #8 *Topic 1*

Refer to the exhibit.

The customer would like to utilize Dynamic Segmentation for wired users in Building B. Which statement is true about the scenario?

A. The CX 6100 switches need to have the CX Premium license applied to support the requirement.

B. The CX 6100 switches need to have a GRE tunnel to the Aruba CX 8325.

C. The CX 6100 switches need to have a VXLAN tunnel to the Aruba 9240.

D. The CX 6100 switches would need to be replaced with CX 6200 series.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #9 *Topic 1*

You have recommended that a customer adopt a modern management approach for their new CX switches. Which of these would this include? (Choose two.)

A. REST API

B. YAML

C. SNMP

D. NAE

E. XML

Suggested Answer: *AD*

Currently there are no comments in this discussion, be the first to comment!

Question #10 *Topic 1*

You have added a switch with existing configuration to an existing group in HPE Aruba Networking Central but the configuration is not synchronizing. What could cause this?

A. The switch is configured in a VSX pair, which HPE Aruba Networking Central does not support.

B. Only switches with factory default config can be added to a group with existing config.

C. Configuration auto-commit has been disabled for the group in HPE Aruba Networking Central.

D. The switch is still pending authorization on the organization settings page.

Suggested Answer: *B*

Community vote distribution

C (100%)

Killorp 1 month, 2 weeks ago

Selected Answer: C

A and B are not correct. Either C or D are correct. I'm not sure which is though

You can onboard VSX stacks to Central with existing config

You can onboard switch with existing config to Central. There is a tick box to retain existing cxonfig.

upvoted 1 times

Dranizz 1 month ago

It says it's unboarded but not synchronizing

upvoted 2 times

Killorp 2 weeks, 2 days ago

Yes I believe correct answer is now C. If switch was not authorized then it would not show as onboarded at all. Thanks :)

upvoted 1 times

Question #11 *Topic 1*

You are reviewing the configuration of a VSX lag and have noticed the command lacp fallback. Why might this have been configured?

A. To allow operation with active or passive LACP.

B. To support devices that require PXE Boot.

C. For backwards compatibility with LACP v1.

D. For operation using a single partner LACP interface.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #12 *Topic 1*

From which sources can you download NAE agent scripts directly from the CX switch UI?

A. HPE Networking Support Portal

B. Aruba Solutions Exchange

C. Airheads Community

D. GitHub Community

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #13 *Topic 1*

Refer to the partial exhibit from an HPE Aruba Networking CX 8325:

```
show profiles available

Available Profiles
------------------
 L3-agg          98304 L2 entries 120000 Host entries 16384  Route entries
 L3-core         32768 L2 entries 14000  Host entries 163796 Route entries
 Leaf            98304 L2 entries 120000 Host entries 16384  Route entries
 Spine           32768 L2 entries 14000  Host entries 163796 Route entries
```

If a new CX 8325 is to be deployed, which switch profile should be used to provide gateway and routing services?

A. The L3-agg profile should be selected instead of the factory default.

B. Spine profile should be selected instead of the factory default.

C. L3-core profile should be used, which is the factory default.

D. Leaf profiled should be used, which is the factory default.

Suggested Answer: *C*

Community vote distribution

B (50%) A (50%)

Killorp 2 weeks, 2 days ago

Selected Answer: B

There might be a typo in the question as 8320 has L3-Core as default and 8325 has Leaf as default. I think the correct answer should surely be L3-Core as it gives most route entries. ?? But its not the default on 8325 :(

upvoted 1 times

JackN68 3 weeks, 5 days ago

Selected Answer: B

I would go for Core or Spine as more route entries available.

Default for 8325 is Leaf so only leaves answer B (Spine).

upvoted 2 times

Allie12 1 month ago

Selected Answer: A

When deploying a new Aruba CX 8325 switch to provide gateway and routing services, the L3-apg profile (Layer 3 Aggregation Profile) should be selected instead of the factory default.

The L3-apg profile is specifically designed and optimized for switches acting as aggregation or core routers, enabling robust Layer 3 routing capabilities

upvoted 1 times

Killorp 1 month, 2 weeks ago

Selected Answer: B

Sorry I now think B is best. Conflicting HPE documents state L3-agg is optimized for L2 and other says optimized for L3. I now believe L3-agg is optimized L2 so ...

B 'spine' none default option is optimized for Routing and Gateway services.

upvoted 1 times

Killorp 1 month, 2 weeks ago

Selected Answer: A

C is wrong I think. A is best answer (I think).

Factory default on CX 8325 is 'Leaf' which Optimizes for layer 2 forwarding.

Factory default on CX8320 is L3-Core.

so for CX8325 select 'none default' option L3-Agg or L3-core or Spine are optimized for L3

upvoted 1 times

Question #14 *Topic 1*

You are helping another engineer troubleshoot a new downloadable user role configuration between your CX switches and ClearPass. Which configuration on the switch should you verify?

A. HTTPS client certificate

B. REST API credentials

C. SNMP community string

D. User-role configuration

Suggested Answer: *D*

Community vote distribution

A (100%)

Killorp 1 month, 2 weeks ago

Selected Answer: A

Since its a 'downloadable user role' then there isn't a user role to check on the switch?

But is there is a need to have HTTPS certificate installed on the switch from the CPPM ?

And a certificate on the clients ?

upvoted 2 times

Question #15 *Topic 1*

You need to quickly verify whether a server is responding to a connection request from a client device. What is the best way to capture these packets on a CX switch?

A. Configure a mirror session using ERSPAN to a computer running Wreshark.

B. Configure a mirror session with another port on the switch as the destination.

C. Inspect the summary of the packets in real time on the switch using tcpdump.

D. Configure a mirror session to the CPU, use tshark to capture to a PCAP file.

Suggested Answer: *B*

JackN68 3 weeks, 5 days ago

Selected Answer: C

C. would be quicker??

upvoted 3 times

Dranizz 3 weeks, 5 days ago

Selected Answer: C

Quickest way to check on packets

upvoted 2 times

Question #16 *Topic 1*

Your customer's CISO would like to deploy colorless ports across the network. Which will you need to configure to meet this requirement?

A. 802.1Q

B. 802.1X

C. 802.11X

D. 802.1AD

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #17 *Topic 1*

Refer to the exhibit for an HPE Aruba Networking CX 6300M VSF:

```
Access-1(config)# show vsf

Force Autojoin              : Disabled
Autojoin Eligibility Status: Not Eligible
MAC Address                 : 10:4f:58:fc:14:40
Egress Shape Rate           : None
Secondary                   :
Topology                    : Chain
Status                      : No Split
Split Detection Method      : None


Mbr Mac Address          type           Status
ID
--- ------------------- -------------- ---------------
1   10:4f:58:fc:14:40   JL668A         Conductor
2   10:4f:58:f6:84:80   JL668A         Member
```

If Member ID 1 fails, what would be the state of Member ID 2?

A. Conductor

B. Standby

C. Not present

D. Member

Suggested Answer: *A*

Community vote distribution

D (100%)

Dranizz 3 weeks, 5 days ago

Selected Answer: D

No members other than primary and secondary members can become Conductor or Standby of the stack

upvoted 2 times

Killorp 1 month, 2 weeks ago

Selected Answer: D

I think D is correct. VSF stacks have a 1 conductor and 1 standby. All other members remain members unless reconfigured. If Conductor fails and no 'standby' exists then member switches reboot and and front plane ports remain shutdown waiting for conductor to re-appear.

upvoted 3 times

Question #18 *Topic 1*

Refer to the exhibit.

SW-A is the layer-3 gateway for:
-Server-A in VLAN 100, subnet 10.100.100.0/24
-Client-A in VLAN 20, subnet 10.100.20.0/24
-Client-B VLAN 30, subnet 10.100.30.0/24
What can be done to trust DHCP server 10.100.100.10 responses on SW-A for clients in VLAN 20?

A. Enable dhcpv4-snooping authorized-server 10.100.100.10 on VLAN 100

B. Enable dhcpv4-snooping and authorized-server 10.100.100.10 globally

C. Enable dhcpv4-snooping authorized-server 10.100.100.10 on VLAN 20

D. Enable dhcpv4-snooping trust 10.100.100.10 on VLAN 100

Suggested Answer: *C*

Community vote distribution

B (100%)

Killorp 3 weeks, 3 days ago

Selected Answer: B

I think B is correct as adding a DHCPv4-snooping authorized-server ip.address is added 'globally' and not done on the 'interface' or 'vlan' level.

upvoted 1 times

Question #19 *Topic 1*

You are remotely connected to an HPE Aruba Networking CX 6200M switch using SSH to change the Control Plane ACL, allowing only defined subnets to access the switch with the assistance of the checkpoint auto 10 command. Later in the day, you are testing if the control-plane ACL is working, and you notice that access is allowed from all networks.
What needs to be done with the checkpoint feature to have the remaining without rolling back?

A. Use the checkpoint commit command before you commit the change.

B. Use the checkpoint commit after you commit the change.

C. Use the checkpoint auto command after you commit the change.

D. Use the checkpoint auto command before you commit the change.

Suggested Answer: *A*

JackN68 3 weeks, 5 days ago

Selected Answer: C

e.g.
#checkpoint auto 10
<make the change>
#checkpoint auto confirm
upvoted 2 times

Dranizz 3 weeks, 5 days ago

Selected Answer: B

After to commit the changes for good. But this is confusing
upvoted 1 times

Question #20 *Topic 1*

Refer to the exhibit:

A senior network architect has created the configuration above. You are implementing the set up in building A and B. The actual fiber distance between the building locations is: 200m /656ft utilizing OM3 cabling.
What needs to be changed on the configuration based on the actual environmental conditions to support always-on Poe in the Building B 5th floor?

A. Replace the CX6100 switch with CX6200

B. Replace the CX6100 switch with CX8320

C. Replace the CX6100 switch with CX4100i

D. Replace the CX6100 switch with CX8100

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #21 *Topic 1*

You want to upgrade a re-provisioned Mobility Gateway that is currently using LACP. What feature will allow you to do this without removing interfaces from LAG?

A. LACP fallback

B. LACP active

C. LACP passive

D. LACP static

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #22 *Topic 1*

An HPE Aruba Networking CX switch is configured with IGMP using the given output:

```
interface vlan 2222
 ip address 10.216.12.1/24
 ip pim-sparse enable
 ip igmp enable
 ip igmp version 2
exit
```

Which statement is true about the created configuration?

A. The IGMP version is set as default value.

B. The PIM protocol is required for local L3 routing.

C. The PIM protocol is required for local L2 forwarding.

D. The IGMP version is set as custom value.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #23 *Topic 1*

Given the QoS queueing configuration below for a 1000Mbps interface, how much bandwidth will be available to Local Priority 4 traffic if no other traffic type is to be sent?

LP	Queuing
5	SP
4	WFQ (Weight = 50)
2	WFQ (Weight = 30)
1	WFQ (Weight = 20)
0	WFQ (Weight = 10)

A. 1000Mbps

B. 500Mbps

C. 200Mbps

D. 100Mbps

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #24 *Topic 1*

OSPF peering is configure between HPE Aruba Networking CX 6300 switches utilizing bfd. You've made this configuration on switch B, while switch A is in the default configuration:

```
bfd min-receive-interval 2000
bfd min-transmit-interval 2000
bfd min-echo-receive-interval 2000
bfd detect-multiplier 3
```

Which bfd Tx/Rx interval values will switch A use for the show bfd session?

A. Switch A show BFD sessions using 300ms

B. Switch A show BFD sessions using 6000ms

C. Switch A show BFD sessions using 2000ms

D. Switch A show BFD sessions using 500ms

Suggested Answer: *C*

Community vote distribution

A (100%)

Dranizz 3 weeks, 5 days ago

Selected Answer: A

Non of those, 3000ms is the default value

https://arubanetworking.hpe.com/techdocs/AOS-CX/10.16/HTML/high_availability/Content/Chp_BFD/cnf-bfd-bgp-10.htm

upvoted 1 times

Question #25 *Topic 1*

Which data format do CX switches support for the REST API?

A. SOAP

B. XML

C. YAML

D. JSON

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #26 *Topic 1*

Refer to the exhibit:

```
show lldp neighbor-info 1/1/49

Port                            : 1/1/49
Neighbor Entries                : 1
Neighbor Entries Deleted        : 0
Neighbor Entries Dropped        : 0
Neighbor Entries Aged-Out       : 0
Neighbor System-Name            : aggr-sw2
Neighbor System-Description     : Aruba JL635A  GL.10.13.1010
Neighbor Chassis-ID             : bc:d7:a5:6d:48:00
Neighbor Management-Address     : 172.30.32.8
Chassis Capabilities Available  : Bridge, Router
Chassis Capabilities Enabled    : Bridge, Router
Neighbor Port-ID                : 1/1/49
Neighbor Port-Desc              : 1/1/49
Neighbor Port VLAN ID           : 1
Neighbor Port VLAN Name         : DEFAULT_VLAN_1
Neighbor Port MFS               : 9198
Link aggregation supported      : Yes
Link aggregation enabled        : Yes
Aggregation port ID             : 49
```

The neighbor switch is configured with the following IP interfaces: mgmt.: 172.30.32.8 loopback 0: 10.255.255.2 vlan 5: 192.168.5.2

How can you change the advertised management IP information to appear as the VLAN 5 IP?

A. Under interface vlan 5, issue command: lldp management-address

B. Issue in global context command: lldp management-address vlan 5

C. Under lldp context: lldp management-address 192.168.5.2

D. Issue in global context command: lldp management-ipv4-address vlan 5

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #27 *Topic 1*

You need to configure BGP on an HPE Aruba Networking switch using AS 65010. What is required when establishing peering with neighboring devices using eBGP AS 65100?

A. Use of peer AS65001

B. Use of route-reflector

C. Use of directory connected peer

D. Use of address-family ipv4 internal

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #28 *Topic 1*

Refer to the exhibit.

Interfaces 1/1/53 and 1/1/54 were accidentally disconnected from Switch-A, the primary VSX member. Client A is experiencing network disruptions with network connections to Router-A.
What needs to be done to prevent user traffic disruption in this scenario?

A. Configure VSX shutdown on-split on SW-B.

B. Configure keepalive VLAN on upstream lag.

C. Configure VSX shutdown on-split on SW-A.

D. Configure keepalive using mgmt ports between SW-A and SW-B.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #29 *Topic 1*

An HPE Aruba Networking CX switch is managed in HPE Aruba Networking Central. If you need to validate configuration changes in the switch's Global view, what information can you get using the Audit trail?

A. The configuration changes history is up to 7 years.

B. The configuration difference that was pushed to the device.

C. The method used to create the configuration (template, multi-edit, or GUI).

D. The username of the person who pushed the configuration.

Suggested Answer: *C*

Dranizz 3 weeks, 5 days ago

Selected Answer: D

Should be either B or D if you look into Central

upvoted 2 times

Question #30 *Topic 1*

You have applied the following OSPG configuration but are seeing the output from the command below. What is the reason for this?

Agg-1 Config

```
vrf orange

router ospf 1 vrf orange
area 0

interface loopback 10
vrf attach orange
ip address 10.3.10.2/32
ip ospf 1 area 0

interface vlan101
ip address 10.3.101.2/24
ip ospf 1 area 0
```

Agg-2 Config

```
vrf orange

router ospf 2 vrf orange
area 0

interface vlan101
vrf attach orange
ip address 10.3.101.3/24
ip ospf 2 area 0
```

```
Agg-1# show ip ospf neighbors all-vrfs
No OSPF neighbors found on any VRF.
```

A. OSPF interfaces are passive by default.

B. A Layer-3 interface has not been associated with a VRF.

C. A different OSPF process ID is used on each switch.

D. A loopback interface hasn't been configured on Agg-2.

Suggested Answer: *C*

Community vote distribution

B (100%)

Dranizz 1 month, 3 weeks ago

Selected Answer: B

Process doesn't matter, it's the VRF

upvoted 3 times

Question #31 *Topic 1*

An Aruba CX8100 VSX has the following state for LACP:

```
show lacp interfaces

State abbreviations :
A - Active        P - Passive      F - Aggregable I - Individual
S - Short-timeout L - Long-timeout N - InSync     O - OutofSync
C - Collecting    D - Distributing
X - State m/c expired              E - Default neighbor state

Actor details of all interfaces:
--------------------------------------------------------------------------------
Intf       Aggr       Port  Port  State   System-ID         System Aggr Forwarding
           Name       Id    Pri                             Pri    Key  State
--------------------------------------------------------------------------------
1/1/24     lag24(mc)  24    1     ALFNCD  02:00:00:00:22:00 65534  24   up
1/1/27     lag27      28    1     ALFNCD  ec:67:94:4d:b9:c0 65534  27   up
1/1/28     lag27      29    1     ALFNCD  ec:67:94:4d:b9:c0 65534  27   up
1/1/25:1   lag251(mc) 225   1     ALFNCD  02:00:00:00:22:00 65534  251  up
1/1/25:2   lag252(mc) 226   1     ALFNCD  02:00:00:00:22:00 65534  252  up
1/1/25:3   lag253(mc) 227   1     ASFNCD  02:00:00:00:22:00 65534  253  up


Partner details of all interfaces:
--------------------------------------------------------------------------------
Intf       Aggr       Port  Port  State   System-ID         System Aggr
           Name       Id    Pri                             Pri    Key
--------------------------------------------------------------------------------
1/1/24     lag24(mc)  22    1     ALFNCD  b8:d4:e7:0b:95:80 65534  21
1/1/27     lag27      28    1     ALFNCD  ec:67:94:4d:0f:80 65534  27
1/1/28     lag27      29    1     ALFNCD  ec:67:94:4d:0f:80 65534  27
1/1/25:1   lag251(mc) 4     255   ALFNCD  b8:3f:d2:6c:54:e8 1      19
1/1/25:2   lag252(mc) 4     255   ALFNCD  b8:3f:d2:6c:53:d4 1      83
1/1/25:3   lag253(mc) 2     1     ASFNCD  a0:88:c2:2b:26:f5 0      0
```

What can be observed based on the output?

A. The local lag253 configuration is set as a custom

B. The peer lag253 needs to have a valid AGGR key

C. The local lag253 configuration is set as default

D. The local lag27 would need to have individual AGGR key

Suggested Answer: *B*

Community vote distribution

A (100%)

Dranizz 1 month ago

Selected Answer: B

The local and the partney key, for the same LAG, doesn't match

upvoted 2 times

Killorp 1 month, 2 weeks ago

Selected Answer: A

I think A is correct. Default for LACP is 'long-timeout' and Aggr-key value does not need to match

upvoted 2 times

Dranizz 1 month ago

The problem is that the local and the partney key, for the same LAG, doesn't match

upvoted 1 times

Question #32 *Topic 1*

Refer to the exhibit:

```
Access-1# show checkpoint
NAME                              TYPE        WRITER  DATE[YYYY/MM/DD]      IMAGE VERSION
lab2_final                        latest      User    2024-04-01T20:18:56Z  FL.10.13.1000
startup-config                    startup     User    2024-04-01T20:11:21Z  FL.10.13.1000
CPC20240401194222_Access-1_6300   checkpoint  System  2024-04-01T19:42:22Z  FL.10.13.1000
CPC20240401191802_Access-1_6300   checkpoint  System  2024-04-01T19:18:02Z  FL.10.13.1000
CPC20240401190614_Access-1_6300   checkpoint  System  2024-04-01T19:06:14Z  FL.10.13.1000
CPC20240401183236_Access-1_6300   checkpoint  System  2024-04-01T18:32:36Z  FL.10.13.1000
```

The current startup configuration on the HPE Aruba Networking CX 6300 switch no longer includes a device profile that was created on the previous day. Based on the exhibit, how can you validate if the configuration was removed without changing the current configuration?

A. Use show checkpoint to see the changes created between the available checkpoints.

B. Use checkpoint diff to check for differences between the startup-config and available checkpoints.

C. Use copy startup-config checkpoint <checkpoint-name> to see the changes created between the available checkpoints.

D. Use checkpoint rollback to see the changes created between the available checkpoints.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #33 *Topic 1*

You have applied the following OSPF configuration but are not seeing any output from the command below. What is the reason for this?

Agg-1 Config

```
vrf orange

router ospf 1 vrf orange
area 0

interface loopback 10
vrf attach orange
ip address 10.3.10.2/32
ip ospf 1 area 0

interface vlan101
vrf attach orange
ip address 10.3.101.2/24
ip ospf 1 area 0
```

Agg-2 Config

```
vrf orange

router ospf 2 vrf orange
area 0

interface vlan101
vrf attach orange
ip address 10.3.101.3/24
ip ospf 2 area 0
```

```
Agg-1# show ip ospf neighbors
No OSPF neighbors found on vrf default.
```

A. A loopback interface hasn't been configured on Agg-2.

B. A VRF wasn't specified in the show command.

C. OSPF interfaces are passive by default.

D. A different OSPF process ID is used on each switch.

Suggested Answer: *D*

Community vote distribution

B (100%)

Killorp 1 month, 2 weeks ago

Selected Answer: B

Ii think 'B'. Without specifiying a vrf in the show command then only vrf 'default' is shown. Also the Process ID number does not need to math at both ends.

upvoted 3 times

Question #34 *Topic 1*

Using the configuration below, you have configured OSPF at a small branch site, which only requires a single default route to reach the Internet and all other sites. When examining the routing table, you still see other OSPF routes besides the default route.

```
router ospf 1
 router-id 10.1.0.3
 area 1 stub
 exit
```

What OSPF area type should you configure?

A. Totally Not-So-Stubby Area

B. Stub Area

C. Totally Stubby Area

D. Not-So-Stubby Area

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #35 *Topic 1*

Your customer has an existing gateway cluster that they are using to tunnel traffic from APs and would like to configure the same for their CX switches. Which tunnelling option should you recommend?

A. UBT

B. GRE

C. IPSec

D. VNBT

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #36 *Topic 1*

A customer has connected a server to VLAN 100 on a 6300 switch which is streaming video using multicast group 224.0.0.100. This stream would need to be received by the clients in VLANs 200 and 300, routed on the same CX switch.
What needs to be done to enable the requirement?

A. The multicast group address needs to be changed to a routable subnet.

B. The multicast group address needs to be changed to other 224.0.0x non-overlapping address

C. The igmp-snooping needs to be enabled on SVIs 100, 200, and 300

D. The igmp needs to be enabled on the SVIs 100, 200, and 300

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #37 *Topic 1*

Refer to the exhibits.

```
interface 1/1/35
    no shutdown
    no routing
    vlan trunk native 4011
    vlan trunk allowed 3903,4011
    exit
```

```
show interface 1/1/35 extended
-----------------------------------------------------------------

Interface 1/1/35

-----------------------------------------------------------------
Statistics                                        Value
-----------------------------------------------------------------
Dot3 In Pause Frames                              0
Dot3 Out Pause Frames                             0
Ethernet Stats Broadcast Packets                  908576
Ethernet Stats Bytes                              9837035918
Ethernet Stats Packets                            24602481
Ethernet Stats Packets 1024 To 1518 Bytes         4414856
Ethernet Stats Packets 128 To 255 Bytes           2052268
Ethernet Stats Packets 1519 To 2047 Bytes         72
Ethernet Stats Packets 2048 To 4095 Bytes         0
Ethernet Stats Packets 256 To 511 Bytes           3062727
Ethernet Stats Packets 4096 To 9216 Bytes         6666
Ethernet Stats Packets 512 To 1023 Bytes          1567390
Ethernet Stats Packets 64 Bytes                   964858
Ethernet Stats Packets 65 To 127 Bytes            12540304
Ethernet Stats Packets 9217 To 16383 Bytes        0
TX Bytes                                          3183318673
TX Dropped                                        0
TX Filtered                                       0
TX Jumbos                                         6666
TX Packets                                        13074082
TX Pause                                          0
```

The interface is configured on an HPE Aruba Networking CX 8320 for a VMware server NIC. The server admin complains that the VMware vMotion traffic on VLAN 3903 fails, but the server can ping other peers with a large payload size. What must be done to correct the issue based on the provided interface status and configuration?

A. The VLAN 3903 is configured with mtu 9198

B. The interface 1/1/35 is configured with mtu 9198

C. The VLAN 3903 is configured with jumbo

D. That interface 1/1/35 is configured with jumbo

Suggested Answer: *B*

Community vote distribution

B (100%)

Killorp 1 month, 2 weeks ago

Selected Answer: B

I think it correct answer is B. You can't set MTU on a vlan config. Only on interface config and vlan interface config.

upvoted 1 times

Dranizz 1 month, 3 weeks ago

Selected Answer: B

But should read, "is not"

upvoted 1 times

Ganga_Javier 2 months ago

Selected Answer: B

Is B, MTU can't Be configured in a VLAN

https://arubanetworking.hpe.com/techdocs/AOS-CX/AOSCX-CLI-Bank/cli_832x/Content/Chp_IfaceCfg/Iface_cmds/mtu-10.htm

upvoted 1 times

Question #39 *Topic 1*

A customer would like to use HPE Aruba Networking Central to monitor and configure switch backups, but does not want to be able to make configuration changes. What can you tell them?

A. This can be done with the 'read-only' device attribute.

B. This is possible for AOS-S switches but not AOS-CX switches.

C. This is possible for AOS-CX switches but not AOS-S switches.

D. This can be done with the 'Monitoring only' group option.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #40 *Topic 1*

When combining Strict Priority (SP) with other queuing types, how can you avoid starvation of lower priority queues?

A. Apply multiple queuing profiles to the same interface.

B. Configure WFQ DWRR instead of queuing.

C. Apply shaping to queue 7.

D. Configure a higher weight for lower priority queues.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #41 *Topic 1*

What are valid NAE agent actions? (Choose two.)

A. Generate an SNMP trap.

B. Set critical alarm level.

C. Start/stop a packet capture.

D. Create a new TAC case.

E. Log to a remote syslog server.

Suggested Answer: *AC*

Currently there are no comments in this discussion, be the first to comment!

Question #42 *Topic 1*

You are troubleshooting a complex intermittent BGP issue. You need to collect all relevant data and be made aware of the exact time the problem occurs and the moment it occurs.
Which monitoring tool is best suited for this task?

A. Debug destination syslog

B. HPE Aruba Networking Central

C. SNMP get

D. NAE

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #43 *Topic 1*

Your customer has reported a performance issue on one of their access switches. You have decided to troubleshoot using the MultiEdit view config. Which troubleshooting methodology does this exemplify?

A. Replace configuration

B. Top-down/Bottom-up

C. Follow the path

D. Spot the difference

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #44 *Topic 1*

Your customer's network experiencing a severe broadcast storm, which you suspect is caused by a loop somewhere at the network edge. You start by disconnecting all the switch downlinks from the aggregation switch, checking CPU utilization, and then reconnecting the downlinks one at a time.
Which troubleshooting methodology does this exemplify?

A. Top-down/Bottom-up

B. Replace configuration

C. Spot the difference

D. Divide and conquer

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #45 *Topic 1*

You must enable HTTPS access to an HPE Aruba Networking CX 8100 for an SVI 100 created after default settings.
How do you meet this requirement?

A. Use the command https-server vrf mgmt to allow HTTPS access.

B. The HTTPS server is accessible by default.

C. The HTTPS server is accessible only from mgmt VRF.

D. Use the command https-server vrf default to allow HTTPS access.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #46 *Topic 1*

Refer to the exhibit.

```
Core-2(config# show running-config | begin vsx
vsx
    system-mac 06:02:10:00:02:00
    inter-switch-link lag 256
    role secondary
    vsx-sync stp-global vsx-global
!
|
https-server vrf mgmt
```

The NTP server is configured on the Primary VSX switch, however, the Secondary switch does not display the NTP configuration in the running configuration. How can the VSX configuration be changed to have the same contig on the both nodes?

A. On the primary switch, add vsx-sync ntp under VSX configuration.

B. On the secondary switch, add vsx-sync ntp under VSX configuration

C. On the secondary switch, add vsx-sync time under VSX configuration.

D. On the primary switch, add vsx-sync time under VSX configuration.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #47 *Topic 1*

Which statement is valid when enabling ARP protection features on an HPE Aruba Networking CX switch?

A. DHCP server utilization is required for IP to Mac binding to enable ARP protection.

B. Client lease time on the DHCP server should be at least 3600s before enabling ARP protection.

C. Once you enable DHCP snooping, you can enable ARP protection, and you will have full information to mitigate security risks.

D. Configuring IP to MAC address bindings allows ARP protection for networks without a DHCP server.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #48 *Topic 1*

Two companies have merged, and BGP is used for routing. The customer has informed you that they currently have about 3800 routes in the routing table and would like to keep the total number of routes below 5000.

A BGP routing table from the company to be merged is provided as an example below:

```
show bgp ipv4 unicast
Status codes: s suppressed, d damped, h history, * valid, > best, = multipath,
              i internal, e external S Stale, R Removed, a additional-paths
Origin codes: i - IGP, e - EGP, ? - incomplete

VRF : default
Local Router-ID 10.250.255.11

Network            Nexthop            Metric   LocPrf   Weight Path

*>e 0.0.0.0/0      10.250.17.25       90       100      200    65000 12582 12582 65320 65001 i
* e 0.0.0.0/0      10.250.17.29       100      100      0      65000 12582 12582 65320 65001 i
* e 10.10.10.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.20.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.20.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.21.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.21.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.22.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.22.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.25.0/24  10.250.17.25       90       100      200    65000 12582 12582 i
* e 10.10.25.0/24  10.250.17.29       100      100      0      65000 12582 12582 i
*>e 10.10.26.0/24  10.250.17.25       90       100      200    65000 12582 12582 i
* e 10.10.26.0/24  10.250.17.29       100      100      0      65000 12582 12582 i
*>e 10.10.30.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.30.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.40.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.40.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.41.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.41.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.42.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.42.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
*>e 10.10.44.0/24  10.250.17.25       90       100      200    65000 12582 12582 65343 i
* e 10.10.44.0/24  10.250.17.29       100      100      0      65000 12582 12582 65343 i
...
*>e 192.168.166.0/24 10.250.17.25      90       100      200    65000 12582 12582 i
* e 192.168.166.0/24 10.250.17.29      100      100      0      65000 12582 12582 i
*>e 192.168.168.0/24 10.250.17.25      90       100      200    65000 12582 12582 65320 65001 i
* e 192.168.168.0/24 10.250.17.29      100      100      0      65000 12582 12582 65320 65001 i
*>e 192.168.169.0/24 10.250.17.25      90       100      200    65000 12582 12582 ?
* e 192.168.169.0/24 10.250.17.29      100      100      0      65000 12582 12582 ?
Total number of entries 1009
```

Based on the provided example of the BGP routing table from the merging company, what should the customer consider to achieve the routing table size requirement?

A. Set the route metrics equal for each prefix

B. Advertise routes only using a primary path

C. Enforce routing policies with aggregation

D. Import only 0.0.0.0/0 route

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #49 *Topic 1*

You have connected a new Access switch to an existing Aggregation switch on port 1/1/24, but the link will not stay active. You can see the following log messages from Agg-1. What do you need to configure on port 1/1/24 to resolve the issue?

```
2024-05-08T15:33:00.805865-04:00 Agg-1 hpe-mstpd[3126]: Event|2007|LOG_WARN|CDTR|1|Port 1/1/24 disabled - BPDU received on protected port
2024-05-08T15:33:00.790689-04:00 Agg-1 hpe-mstpd[3126]: Event|2012|LOG_INFO|CDTR|1|CIST - Topology Change generated on port 1/1/24 going in to forwarding
2024-05-08T15:32:26.803361-04:00 Agg-1 hpe-mstpd[3126]: Event|2007|LOG_WARN|CDTR|1|Port 1/1/24 disabled - BPDU received on protected port
2024-05-08T15:32:26.788809-04:00 Agg-1 hpe-mstpd[3126]: Event|2012|LOG_INFO|CDTR|1|CIST - Topology Change generated on port 1/1/24 going in to forwarding
2024-05-08T15:31:54.534013-04:00 Agg-1 hpe-mstpd[3126]: Event|2011|LOG_INFO|CDTR|1|Topology Change received on port 1/1/27 for CIST from source: 10:4f:58:fc:b2:4e
2024-05-08T15:31:52.853356-04:00 Agg-1 hpe-mstpd[3126]: Event|2011|LOG_INFO|CDTR|1|Topology Change received on port 1/1/27 for CIST from source: 10:4f:58:fc:b2:4e
2024-05-08T15:31:52.839517-04:00 Agg-1 hpe-mstpd[3126]: Event|2006|LOG_INFO|CDTR|1|CST - Root changed from 32768: 10:4f:58:f6:e3:80 to 4096: 02:01:00:00:01:00
2024-05-08T15:31:52.812796-04:00 Agg-1 hpe-mstpd[3126]: Event|2006|LOG_INFO|CDTR|1|CST - Root changed from 4096: 02:01:00:00:01:00 to 32768: 10:4f:58:f6:e3:80
2024-05-08T15:31:52.786311-04:00 Agg-1 hpe-mstpd[3126]: Event|2007|LOG_WARN|CDTR|1|Port 1/1/24 disabled - BPDU received on protected port
```

A. Disable MSTP guard

B. Disable BPDU filter.

C. Disable loop protect.

D. Disable BPDU guard.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #50 *Topic 1*

Refer to the partial exhibit from an HPE Aruba Networking CX 8325:

```
show interface 1/1/25

Interface 1/1/25 is down (Administratively down)
 Admin state is down
 State information: No XCVR installed
 Link state: down for 1 month (since Tue May 21 17:40:23 UTC 2024)
 Link transitions: 0
 Description:
 Persona:
 Hardware: Ethernet, MAC Address: bc:d7:a5:6d:5a:d5
 MTU 1500
 Type --
 Full-duplex
 qos trust none
 Speed 0 Mb/s
 Auto-negotiation is off
 Flow-control: off
 Error-control: off
 VLAN Mode: access
 Access VLAN: 1
 Rate collection interval: 300 seconds
```

A new port on 1/1/25 must be reconfigured for an ISP router with the IP address of 10.10.10.2/30.

What is the correct configuration to achieve the layer-3 configuration without the risks of layer-2 loops?

A.
```
interface 1/1/25
    no shutdown
    vlan access 1
    exit
!
interface vlan 1
   ip address 10.10.10.2/30
   exit
```

B.
```
interface 1/1/25
    enable
    routing
    ip address 10.10.10.2/30
    exit
```

C.
```
interface 1/1/25
    no shutdown
    routing
    ip address 10.10.10.2/30
    exit
```

D.
```
interface 1/1/25
    enable
    vlan access 1
    exit
!
interface vlan 1
   ip address 10.10.10.2/30
   exit
```

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #51 *Topic 1*

Which switch configuration is required to implement Dynamic User Roles (DUR)?

A. Install the CPPM HTTPS certificates root certificate.

B. Configure the http://.well-known/aruba/clearpass/https-root.pem URL.

C. Install the CPPM internal CA self-signed certificate.

D. Install the TA cert of the CPPM RADIUS certificate.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #52 *Topic 1*

A small company with one CX-6300 switch, with hostname switch1, has implemented ARP inspection to prevent MITM attacks. They are implementing a new hypervisor with host address 10.100.100.10 and MAC address F4-6D-3F-24-76-51, connected to switch1's port 1/1/20. This new server will host many VMs.
What will help prevent false positives with ARP inspection?

A. Enable ARP inspection trust for interface 1/1/20.

B. Enable ARP inspection trust for MAC F4-6D-3F-24-76-51 at the VLAN interface context.

C. Enable ARP inspection trust 10.100.100.10 at VLAN interface level context.

D. Enable ARP inspection trust IP 10.100.100.10 MAC F4-6D-3F-24-76-51 in the global context.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #53 *Topic 1*

Refer to the exhibit from and HPE Aruba Networking CX6000:

```
show lacp interfaces

State abbreviations :
A - Active        P - Passive      F - Aggregable I - Individual
S - Short-timeout L - Long-timeout N - InSync     O - OutofSync
C - Collecting    D - Distributing
X - State m/c expired              E - Default neighbor state

Actor details of all interfaces:
--------------------------------------------------------------------------------
Intf       Aggr       Port  Port  State   System-ID         System Aggr Forwarding
           Name       Id    Pri                             Pri    Key  State
--------------------------------------------------------------------------------
1/1/1      lag1       2     1     PLFNCD  18:7a:3b:6b:64:00 65534  1    up


Partner details of all interfaces:
--------------------------------------------------------------------------------
Intf       Aggr       Port  Port  State   System-ID         System Aggr
           Name       Id    Pri                             Pri    Key
--------------------------------------------------------------------------------
1/1/1      lag1       3     32768 ALFNCDE dc:68:0c:11:34:80 32768  2
```

Two CX 6000 switches are interconnected with LAG 1. Based on the output, which statement is true?

A. The local switch is configured with LACP mode passive.

B. The remote switch is configured with LACP mode static.

C. The remote switch is configured with LACP mode passive.

D. The local switch is configured with LACP mode active.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #54 *Topic 1*

You are in discussion with a customer on a replacing an existing L3 aggregation switch pair. How would you describe the HPE Aruba Networking active-gateway as a benefit in the new solution?

A. It has a sub millisecond failover time for the virtual IP.

B. It is supported on stacked HPE Aruba Networking solutions.

C. It can be run in compatibility mode with industry standard first-hop-protocols.

D. It will distribute sessions equally over the switch pair.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #55 *Topic 1*

You are implementing HPE Aruba Networking CX switches in a hotel environment. Which feature would allow you to use a single subnet for the wired guests to utilize only default gateway services without interacting with each other?

A. By assigning the guest users to a primary VLAN and the gateway to an isolated VLAN.

B. By assigning the guest users to a community VLAN and the gateway to a primary VLAN.

C. By assigning the guest users to an isolated VLAN and the gateway to a primary VLAN.

D. By assigning the guest users to an isolated VLAN and the gateway to a community VLAN.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #56 *Topic 1*

While troubleshooting a scenario in which the customer has created a new VLAN on a primary HPE Aruba Networking CX 8100 VSX switch, only part of the traffic from the connected access switch over a LAG is working.
Which troubleshooting methodology should you use to isolate the problem?

A. Replace the configuration using the previous checkpoint on the primary VSX.

B. Divide and conquer by rebooting the secondary VSX switch.

C. Follow the path and check the connectivity from the access to the primary VSX.

D. Spot the difference by comparing the VSX switch configurations.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #57 *Topic 1*

When configuring a multicast solution on HPE Aruba Networking CX switches, what needs to be configured on the core switch to enable L3 multicast routing locally?

A. IGMP on SVI

B. IGMP on VLAN

C. IGMP-snooping on VLAN

D. IGMP-snooping on SVI

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #58 *Topic 1*

What does it mean when an event such as the one below occurs on the HPE Aruba Networking CX switch?

```
2024-04-04T08:35:36.312254+00:00 ICX-Core-1 hpe-vsxd[2167]: Event|7012|LOG_INFO|AMM|1/1|VSX 2 state local down, remote up
```

A. VSX secondary switch is down.

B. The multichassis LAG 2 interface is down on both switches.

C. The physical interface of LAG 2 on the primary VSX member is down.

D. VSX keepalive has detected that the primary member is down.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #59 *Topic 1*

Refer to the exhibit:

Based on the output, which statement is true?

A. The switch is currently managed by local CLI overrides.

B. The switch has a configuration pushed that has changed the default settings.

C. The switch is set to auto checkpoint creation for auto-rollback, if configuration push fails.

D. The switch requires a commit configuration, once the change is pushed.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #60 *Topic 1*

You have created a lag interface to a Gateway on a VSX pair using the following commands.

```
interface lag 10
description Gateway
no shutdown
no routing
vlan trunk native 1
vlan trunk allowed all
lacp mode active
```

After checking the state of the link aggregation group (LAG) on the Gateway, you can see that only one of the member links is up. What is causing this?

A. The 'multi-chassis' parameter is missing.

B. The 'vsx-sync' parameter is missing.

C. The gateway only supports LACP passive.

D. LACP fallback should be enabled.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #61 *Topic 1*

A cabling technician has relocated an access point to your company's boardroom. Users are now reporting choppy video when making a video call from their devices in the boardroom. Which troubleshooting methodology would be the most suitable to start?

A. Top-down/Bottom-up

B. Divide and conquer

C. Replace configuration

D. Follow the path

Suggested Answer: *A*

Community vote distribution

D (100%)

Dranizz 3 weeks, 4 days ago

Selected Answer: D

nspect the cabling the technician modified

Check switchport config

Verify PoE power

Confirm RF conditions at the new AP location

Ensure the AP is linked to the correct controller/VLAN

upvoted 1 times

Question #62 *Topic 1*

You are implementing a directly connected routing plan using OSPF on an HPE Aruba Networking CX 6300 and ISP router. Which configuration change would optimize the OSPF LSDB size?

A. configure the network type to broadcast

B. configure the network type to point-to-point

C. increase the OSPF dead timers

D. increase the OSPF hello timers

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #63 *Topic 1*

You are configuring a new switch using device profiles and the same configuration across all non-uplink interfaces. You are connected that the switch may not have enough PoE budget to power all devices that will eventually be connected.
How can you guarantee that APs will always receive power over other devices?

A. Configure always-on PoE in the AP VLAN.

B. Configure critical PoE priority in the AP role.

C. Configure QoS trust PoE on each interface.

D. Enable the LLDP MED Power (PoE) TLV.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #64 *Topic 1*

You are monitoring the traffic across the physical members of a LAG between two switches and have noticed that traffic is unevenly distributed. Using sFlow, you have determined that the majority of the traffic is between one client and one server on multiple transport layer destination ports. Based on this information, which hash algorithm should you configure?

A. l3-src-dst

B. l2-src-dst

C. l4-src-dst

D. l1-src-dst

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #65 *Topic 1*

You have configured 802.1X and MAC authentication in an office environment. During testing, you noticed that devices that don't support 802.1X take a few minutes to receive an IP address. What can you do to improve the connection time for these devices while maintaining a secure configuration?

A. Disable 802.1X on ports connecting to devices that don't support it.

B. Increase the 802.1X EAPOL timeout value on all ports.

C. Configure auth-precedence to MAC, then 802.1X authentication.

D. Decrease the MAC auth start value on all ports.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #66 *Topic 1*

You've rebooted sw-agg2 in a VSX configuration, after which you see this condition:

```
sw-agg1(config)# show vsx status
VSX Operational State
---------------------
  ISL channel              : In-Sync
  ISL mgmt channel         : operational
  Config Sync Status       : sw_image_version_mismatch_error
  NAE                      : sw_image_version_mismatch_error
  HTTPS Server             : sw_image_version_mismatch_error

Attribute            Local                Peer
------------         --------             --------
ISL link             lag256               lag256
ISL version          2                    2
System MAC           02:00:00:00:00:01    02:00:00:00:00:01
Platform             8325                 8325
Software Version     GL.10.09.0010        GL.10.11.1021
Device Role          primary              secondary
```

What can you identify based on this output?

A. The VSX cluster still syncs configuration changes that are common to both software versions.

B. The VSX cluster is in incompatible mode due to software differences.

C. The VSX cluster can be live upgraded by rebooting sw-agg1.

D. The VSX cluster forwards all traffic through ISL to the primary switch.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #67 *Topic 1*

Refer to the exhibits:

```
Core-1(config)# show spanning-tree mst-config
MST configuration information
   MST config ID        : CXF
   MST config revision  : 1
   MST config digest    : BE0284D20F4D46A8DA89C5D9B3B4F78A
   Number of instances  : 2

Instance ID     Member VLANs
--------------- ---------------------------------
0               1-10,13-4040
1               11
2               12
```

```
Core-2(config)# show spanning-tree mst-config
MST configuration information
   MST config ID        : 90:20:c2:c0:bc:00
   MST config revision  : 0
   MST config digest    : AC36177F50283CD4B83821D8AB26DE62
   Number of instances  : 0

Instance ID     Member VLANs
--------------- ---------------------------------
0               1-4040
```

Both switches, core-1 and core-2, are configured with default spanning-tree priorities. Both switches appear as primary root bridges. What must be done to have only one spanning tree domain?

A. Create matching mst configuration on Core-2.

B. Create mst instances 1 and 2 on Core-2.

C. Set the spanning tree priority to 1 on Core-2.

D. Set the spanning tree priority to 1 on Core-1.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #68 *Topic 1*

Which statement about redistributing BGP routes to OSPF is true?

A. Only the default route should be redistributed to OSPF.

B. Always redistribute BGP routes to OSPF as E1 routes.

C. Always redistribute BGP routes to OSPF as E2 routes.

D. Online defined routes should be redistributed to OSPF.

Suggested Answer: *C*

Community vote distribution

D (100%)

JackN68 3 weeks, 4 days ago

Selected Answer: D

If you are going to redistribute BGP into OSPF, it is highly recommended that you use a route map to qualify exactly which routes you want to redistribute into OSPF.

upvoted 2 times

Question #69 *Topic 1*

You have enabled PIM and IGMP querier function on a pair of VSX switches, but noticed that the secondary switch is always elected as the querier for all VLANs. What could explain this behavior?

A. The primary switch has a higher MAC address.

B. The primary switch has a lower uptime.

C. The secondary switch has a higher VRRP priority.

D. The secondary switch has a lower IP address.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #70 *Topic 1*

Your company needs to run BGP in a multi-homed configuration to two ISPs, advertising a block of public address space you own. Which AS number would be an example of a suitable number?

A. 65535

B. 64813

C. 63473

D. 65218

Suggested Answer: *B*

Community vote distribution

C (100%)

Ganga_Javier 2 months ago

Selected Answer: C

Is the only puclic number

upvoted 3 times

Question #71 *Topic 1*

How do HPE Aruba Networkin CX VSX solutions make the hardware replacement of a single switch a non-disruptive operation for L3 configurations?

A. By the VSX-sync option for synchronization of the system-MAC.

B. By replicating the primary VSX's default system-AC to the secondary switch.

C. By utilizing any of the 16 different vMAC addresses with active gateway.

D. By allowing changes to the system-MAC in the ServiceOS with the original system MAC.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!