➢ **Vendor: HP**

➢ **Exam Code: HPE6-A86**

➢ **Exam Name: HPE Network Switching Associate Exam**

➢ **New Updated Questions from Braindump2go (Updated in May/2025)**

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1.A network administrator is using Aruba Central to monitor network health. The dashboard indicates that a switch is experiencing high CPU utilization.
 What should the administrator check first?
 A. Increase the switch's memory allocation
 B. Check for excessive spanning-tree recalculations
 C. Restart the switch
 D. Disable SNMP polling
Answer: B

2.Which two tools can be used to troubleshoot switch connectivity issues? (Select TWO)
 A. show vlan
 B. traceroute
 C. ping
 D. netstat
Answer: BC

3.A company recently deployed an Aruba switch and configured Link Aggregation Control Protocol (LACP) between two switches to improve bandwidth and redundancy. However, some links are not forwarding traffic, and network performance has decreased.
 Which troubleshooting step should the administrator perform first?
 A. Check that LACP is enabled on both ends of the link
 B. Verify that both switches are running the same STP version
 C. Increase the MTU size on the affected ports
 D. Configure static routes between the two switches
Answer: A

4.Which Aruba switch series is designed for small to medium-sized businesses and offers cost-effective solutions?
 A. Aruba CX 10000
 B. Aruba 5400R
 C. Aruba 2930F
 D. Aruba 6000
Answer: D

5.Which two statements about the OSI model are correct? (Select TWO)

A. Layer 1 is responsible for logical addressing

B. Layer 3 handles routing between networks

C. Layer 4 ensures reliable data transmission

D. Layer 5 is responsible for network security

Answer: BC

6.Which two Aruba solutions provide AI-powered network monitoring? (Select TWO)

A. Aruba NetEdit

B. Aruba Central

C. Aruba ClearPass

D. Aruba UXI

Answer: BD

7.Which command is used to verify VLAN configurations on an Aruba switch?

A. show running-config vlan

B. show vlan

C. show ip route

D. show spanning-tree

Answer: B

8.What is the primary difference between the Aruba 2930F and 2930M switch series?

A. 2930F supports modular power supplies, while 2930M has fixed power supplies

B. 2930M supports modular power supplies, while 2930F has fixed power supplies

C. 2930F supports cloud-based management, while 2930M does not

D. 2930M is designed for small businesses, while 2930F is for large enterprises

Answer: B

9.What is the function of the show lldp neighbor command on an Aruba switch?

A. To display VLAN assignments

B. To view connected devices and their details

C. To list open TCP connections

D. To verify QoS configurations

Answer: B

10.What is the first step when configuring a new Aruba switch?

A. Configure VLANs

B. Assign a static IP address

C. Set up the management interface

D. Enable QoS

Answer: C

11.   Which two protocols help in diagnosing Layer 2 network issues? (Select TWO)

A. LLDP

B. STP

C. OSPF

D. BGP

Answer: AB

12.Which two commands can help verify if a VLAN is correctly assigned to a switch port? (Select TWO)

A. show arp

B. show ip route

C. show vlan

D. show interfaces switchport

Answer: CD

13.Which two management tools support API-based automation for Aruba switches? (Select TWO)

A. TFTP

B. Aruba ClearPass

C. Aruba NetEdit

D. Aruba Central

Answer: BC

14.Which protocol ensures secure file transfers between network devices?

A. TFTP

B. FTP

C. SFTP

D. Telnet

Answer: C

15.Which command can an administrator use to check for Layer 3 connectivity between two Aruba switches?

A. show vlan

B. show spanning-tree

C. ping

D. show lldp

Answer: C

16.A company deploys an Aruba switch in a new branch office and configures Link Aggregation Control Protocol (LACP) between two switches to improve bandwidth and redundancy. However, some links are not forwarding traffic, and users are experiencing slow network performance. Which troubleshooting step should the administrator perform first?

A. Check that LACP is enabled on both switches

B. Disable VLAN tagging on the affected ports

C. Manually configure static MAC addresses for aggregated links

D. Increase the MTU size on the affected interfaces

Answer: A

17.Which two commands are used to verify VLAN assignments on Aruba switches? (Select TWO)

A. show vlan

B. show running-config

C. show interface trunk

D. show vlan brief

Answer: AD

18.What is the purpose of Link Aggregation Control Protocol (LACP)?

A. To increase bandwidth by bundling multiple physical links

B. To prioritize VoIP traffic

C. To assign IP addresses dynamically

D. To detect rogue devices on the network

Answer: A

19.A switch port is up, but no traffic is being forwarded.

What could be a possible reason?

A. The port is in a blocking state due to STP

B. The IP address is incorrect

C. The switch does not support VLANs

D. The switch is running in LACP passive mode

Answer: A

20.What is the primary purpose of Link Layer Discovery Protocol (LLDP)?

A. To prevent loops in the network

B. To dynamically assign IP addresses

C. To advertise device information to neighbors

D. To encrypt management traffic

Answer: C

21.Which protocol does Aruba switches use for remote network monitoring and management?

A. SNMP

B. OSPF

C. RIP

D. MPLS

Answer: A

22.What is a key advantage of using Aruba Central for switch management?

A. Eliminates the need for on-premise switches

B. Provides cloud-based network monitoring and configuration

C. Only supports Aruba wireless products

D. Requires manual configuration for each switch

Answer: B

23.What is a key advantage of Aruba's AOS-CX operating system?

A. It supports only CLI-based management

B. It offers a fully programmable and modular OS

C. It requires manual software updates

D. It only supports Layer 2 switching

Answer: B

24.Which two advantages does VLAN segmentation provide? (Select TWO)

A. Reduces broadcast traffic

B. Eliminates the need for firewalls

C. Improves network security

D. Increases wireless signal strength

Answer: AC

25.At which OSI layer does a switch primarily operate?

A. Layer 1

B. Layer 3

C. Layer 2

D. Layer 4

Answer: C

26.Which two benefits does QoS provide? (Select TWO)

A. Increases network latency

B. Increases packet loss

C. Reduces network congestion

D. Prioritizes critical applications

Answer: CD

27.Which two transport layer protocols operate at Layer 4? (Select TWO)

A. TCP

B. UDP

C. IP

D. ICMP

Answer: AB

28.A network engineer needs to automate switch configurations across multiple Aruba devices using scripted commands and APIs.

Which Aruba tool should they use?

A. Aruba Central

B. AirWave

C. ClearPass

D. NetEdit

Answer: D

29.What must be configured on a switch interface to enable VLAN tagging?

A. switchport access vlan

B. vlan tagging enable

C. switchport mode trunk

D. switchport trunk allowed vlan

Answer: C

30.A company's network performance degrades during peak hours. Users report slow response times and dropped connections.

Which troubleshooting step should the administrator perform first?

A. Check the switch CPU utilization

B. Disable Spanning Tree Protocol (STP)

C. Increase MTU size on all interfaces

D. Reduce VLAN usage

Answer: A

31.A network administrator is configuring VLANs on an Aruba switch. After applying the configuration, users on different VLANs cannot communicate with each other. The administrator wants to enable inter-VLAN communication while maintaining security.

Which action should the administrator take?

A. Enable VLAN trunking on all switch ports

B. Configure a Layer 3 switch with VLAN routing

C. Assign all VLANs to the same subnet

D. Disable Spanning Tree Protocol (STP)

Answer: B

32.Which two indicators suggest a broadcast storm is occurring? (Select TWO)

A. Increased link aggregation performance

B. Frequent DHCP failures

C. Low network utilization

D. High CPU utilization

Answer: BD

33.Which feature prevents Layer 2 loops in a switched network?

A. STP

B. LLDP

C. ARP

D. DHCP Snooping

Answer: A

34.Which command displays the current VLAN configuration on an Aruba switch?

A. show vlan

B. show running-config vlan

C. show vlan brief

D. show interfaces vlan

Answer: A

35.Which two networking protocols ensure secure file transfers? (Select TWO)

A. SFTP

B. SCP

C. Telnet

D. RIP

Answer: AB

36.A company wants to implement role-based access control (RBAC) for wired network users. They

need a solution that can integrate with Aruba switches and provide dynamic access policies.
Which solution should they deploy?

A. Aruba AirWave

B. Aruba NetEdit

C. ClearPass Policy Manager

D. Aruba Instant On

Answer: C

37.Which two benefits does Aruba AirWave provide? (Select TWO)

A. Historical network analytics

B. On-premises network monitoring

C. Automated patch management

D. Cloud-native operations

Answer: AB

38.Which two link aggregation technologies are used in Aruba switches? (Select TWO)

A. LACP

B. STP

C. RSTP

D. EtherChannel

Answer: AD

39.Which two logs help troubleshoot network performance issues? (Select TWO)

A. System logs

B. DHCP logs

C. IP routing table

D. STP topology changes

Answer: AD

40.Which of the following best describes the purpose of VLANs?

A. To create multiple physical networks within a switch

B. To divide a network into smaller broadcast domains

C. To increase switch forwarding speed

D. To replace the need for subnets

Answer: B

41.Which two issues can cause excessive network latency? (Select TWO)

A. High CPU utilization on network devices

B. Misconfigured QoS settings

C. Excessive VLAN pruning

D. Enabling LLDP

Answer: AB

42.Which two features does Aruba ClearPass provide? (Select TWO)

A. Network Access Control (NAC)

B. Configuration automation for switches

C. Role-based policy enforcement

D. Wi-Fi signal optimization

Answer: AC

43.Which two commands help troubleshoot high CPU utilization on Aruba switches? (Select TWO)

A. show processes cpu

B. show ip route

C. show system

D. show dhcp leases

Answer: AC

44.Which two benefits does Aruba NetEdit provide for switch management? (Select TWO)

A. Centralized configuration validation

B. Automated compliance enforcement

C. Local-only access with no cloud integration

D. Requires Telnet for configuration

Answer: AB

45.What is the default subnet mask for an IPv4 Class C network? A.
255.0.0.0

B. 255.255.0.0

C. 255.255.255.0

D. 255.255.255.255

Answer: C

46.Which two logs are most helpful in diagnosing switch reboots? (Select TWO)

A. Crash logs

B. VLAN logs

C. Boot logs

D. LLDP logs

Answer: AC

47.Which two commands display routing information on an Aruba switch? (Select TWO)

A. show ip route

B. show arp

C. show interfaces

D. show routing

Answer: AD