

# CWNP CNAE-101

**CWNP Network Administrator and Engineer (CNAE)**

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# Latest Version: 6.0

## Question: 1

What methods help forecast future network performance and capacity needs?  
(Choose two)

- A. Increasing firewall throughput by default
- B. Establishing baseline performance metrics
- C. Trend analysis from monitoring tools
- D. Extending ARP cache timers

**Answer: B,C**

## Question: 2

How does understanding CapEx vs. OpEx help network leaders when planning large infrastructure investments?

- A. It informs procurement strategy and aligns with financial accounting models
- B. It dictates BGP routing behavior during failover
- C. It ensures consistent DNS TTL enforcement
- D. It eliminates the need for asset tagging

**Answer: A**

## Question: 3

Which type of network access control mechanism ensures only compliant devices are allowed on the network by checking their security posture?

- A. 802.1X port-based ACL
- B. Default VLAN segmentation
- C. DHCP relay snooping
- D. Posture-based NAC enforcement

**Answer: D**

## Question: 4

In a cloud-integrated network, which design features help support workload mobility across on-prem and cloud environments?

(Choose two)

- A. Use of SD-WAN overlays for abstraction
- B. NAT for internal traffic between cloud VMs
- C. Consistent IP addressing and DNS integration
- D. Static routing between segments

**Answer: A,C**

### Question: 5

When a BGP session fails to establish between two routers, what is the first diagnostic step you should perform?

- A. Check the configured OSPF neighbor relationships
- B. Verify TCP port 179 connectivity between peers
- C. Confirm VLAN tagging across the WAN trunk
- D. Review access control lists on the switch interfaces

**Answer: B**

### Question: 6

Which conditions can cause performance degradation in cloud-hosted applications from a branch site? (Choose two)

- A. High jitter and packet loss over the WAN link
- B. Absence of DNS load balancing records
- C. Subnet overlap with cloud-native IP ranges
- D. OSPF cost misconfiguration

**Answer: A,C**

### Question: 7

During a routing issue in a large enterprise network, you observe that one site is unreachable via OSPF. What is the most likely reason?

- A. The interface MTU exceeds the EIGRP limit

- B. A missing OSPF area assignment on an interface
- C. The switch's STP timer is too high
- D. The VRRP priority is incorrect

**Answer: B**

### Question: 8

Why is lifecycle management important in network infrastructure planning?

- A. It ensures proactive upgrades, supportability, and avoids equipment obsolescence
- B. It defines the port-level VLAN mappings for network switches
- C. It eliminates the need for redundancy in WAN topologies
- D. It manages BGP routing across data centers

**Answer: A**

### Question: 9

Which financial planning activities are essential when preparing an annual network budget proposal?  
(Choose two)

- A. VLAN-to-subnet mapping table
- B. Weekly backup restore testing
- C. Forecasting equipment replacement cycles
- D. Estimating software licensing and maintenance costs

**Answer: C,D**

### Question: 10

What are effective design strategies when implementing QoS in a mixed voice/video/data environment?  
(Choose two)

- A. Classify and mark traffic at the network edge
- B. Encrypt all video streams for compliance
- C. Reserve bandwidth using DSCP and queuing
- D. Throttle voice traffic to reduce spikes

**Answer: A,C**



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