CWNP CNAE-101

CWNP Network Administrator and Engineer Certification Questions & Answers

Exam Summary – Syllabus – Questions

CNAE-101

CWNP Certified Network Administrator and Engineer

40 Questions Exam – 70% Cut Score – Duration of 100 minutes

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Know Your CNAE-101 Certification Well:

The CNAE-101 is best suitable for candidates who want to gain knowledge in the CWNP Wireless IoT solutions. Before you start your CNAE-101 preparation you may struggle to get all the crucial Network Administrator and Engineer materials like CNAE-101 syllabus, sample questions, study guide.

But don't worry the CNAE-101 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-
- What is in the CNAE-101 syllabus?
- How many questions are there in the CNAE-101 exam?
- Which Practice test would help me to pass the CNAE-101 exam at the first attempt?

Passing the CNAE-101 exam makes you CWNP Certified Network Administrator and Engineer. Having the Network Administrator and Engineer certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

CWNP CNAE-101 Network Administrator and Engineer Certification Details:

Exam Name	CWNP Network Administrator and Engineer
Exam Code	CNAE-101
Exam Price	$399 USD
Duration	100 minutes
Number of Questions	40
Passing Score	70%
Exam Registration	**Prometric**
Sample Questions	**CWNP CNAE-101 Sample Questions**
Practice Exam	**CWNP Certified Network Administrator and Engineer Practice Test**

CNAE-101 Syllabus:

Section	Weight	Objectives
Network Design	25%	- Design highly available and scalable network architectures • Redundancy • Load Balancing • High-Availability Clustering • Geographic Distribution • Network Segmentation - Implement advanced routing and switching solutions • OSPF • EIGRP • BGP • MPLS • Data Center Switching Architectures • QoS - Design and integrate cloud and hybrid cloud network environments • VPC Design • Network Function Virtualization (NFV) • Container Networking - Develop network documentation and diagramming standards for networks
Network Administration	20%	- Implement and manage network services • DHCP • DNS • NTP • Syslog • SNMPv3 • RADIUS/TACACS+ • Network Automation - Manage and maintain the network infrastructure lifecycle • Capacity Planning

Section	Weight	Objectives

		• Firmware/Software Upgrades
		• Configuration Management
		- Implement and maintain secure remote access solutions
		   • VPNs
		   • AAA

Network Troubleshooting	20%	- Apply advanced troubleshooting processes for complex network issues
		- Troubleshoot routing and switching issues
		   • BGP Peering
		   • OSPF/EIGRP Problems
		   • MPLS Forwarding
		   • STP Convergence
		   • VLAN Issues
		- Troubleshoot network performance and connectivity issues
		   • Bottlenecks
		   • Latency
		   • Application-Specific Problems
		   • Virtualized/Cloud Networks
		- Utilize network tools for diagnostics and analysis
		   • Protocol Analyzers (Wireshark)
		   • NPM Tools
		   • Scripting

Network Security	25%	- Implement and manage network security controls
		   • NGFW
		   • IDS/IPS
		   • DLP
		   • NAC
		   • Zero Trust
		   • SASE/SSE
		- Analyze and respond to network security incidents

Section	Weight	Objectives
		• Attack Vectors
		• Traffic Analysis
		• Incident Response
		• Forensics
		- Implement and manage cryptographic solutions for network security
		• Public Key Infrastructure (PKI)
		• IPSec
		• SSH/SSL/TLS
		- Conduct network security assessments and audits
		• Vulnerability Scanning
		• Configuration Audits
		• Regulatory Compliance
Network Governance and Operations	10%	- Explain the purpose and importance of network governance
		• Policies
		• Change Management
		• Compliance
		• Risk Management
		- Manage network operations and support
		• Operational Runbooks
		• KPIs
		• Incident/Problem Management
		- Implement and manage network capacity planning
		• Forecasting Growth
		• Baseline Performance
		• Optimization
		- Understand the financial aspects of network operations
		• TCO
		• CapEx vs. OpEx
		• Budgeting

CWNP CNAE-101 Sample Questions:

Question: 1

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: 2

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

Question: 3

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: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 10

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

Study Guide to Crack CWNP Network Administrator and Engineer CNAE-101 Exam:

- Getting details of the CNAE-101 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CNAE-101 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the CWNP provided training for CNAE-101 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CNAE-101 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CNAE-101 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for CNAE-101 Certification

Make NWExam.com your best friend during your CWNP Network Administrator and Engineer exam preparation. We provide authentic practice tests for the CNAE-101 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CNAE-101 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the CNAE-101 exam.

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