CWNP CPNAE-101

CWNP Python Network Administrator and Engineer Certification Questions & Answers

Exam Summary – Syllabus – Questions

CPNAE-101

CWNP Certified Python Network Administrator and Engineer

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

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Know Your CPNAE-101 Certification Well:

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

But don't worry the CPNAE-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 CPNAE-101 syllabus?
- How many questions are there in the CPNAE-101 exam?
- Which Practice test would help me to pass the CPNAE-101 exam at the first attempt?

Passing the CPNAE-101 exam makes you CWNP Certified Python Network Administrator and Engineer. Having the Python 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 CPNAE-101 Python Network Administrator and Engineer Certification Details:

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

CPNAE-101 Syllabus:

Section	Weight	Objectives
Requirements and Systems Engineering	20%	- Describe requirements engineering based on IEEE 29148-2018 - Describe systems concepts related to network engineering - Describe DevOps and systems development models
Python Programming Fundamentals	40%	- Plan and implement the use of data types • None • Numbers - Integer - Boolean - Float (Real) - Complex • String • List • Tuple • Dictionary • Set - Plan and implement the use of logical constructions • if, elif, else • Logical operators - Plan and implement the use of looping constructions • For loops • While loops - Plan and implement access to files for read and write operations - Plan and implement the use of built-in functions - Plan and implement the use of custom functions

Section	Weight	Objectives
		- Select and implement Python libraries and modules • The Python Standard Library • External libraries • Personal libraries
Network Device Management	25%	- Networking libraries and tools • NMAP • scapy • Paramiko/Netmiko • NAPALM • Nornir • NCClient • Genie • Requests • Impacket • PySNMP - Application libraries and tools • Beautiful soup • Pandas • Numpy • Matplotlib - Network Management Protocols • RESTCONF • NETCONF • SNMP • SSH - Data Structures and Formats • JSON • XML • YAML • YANG • CSV
Network Monitoring and Analysis	15%	- Monitor network traffic using the scapy library - Process PCAP files for network analysis

Section	Weight	Objectives
		- Gather performance metrics related to networking devices and system - Validate network security configuration based on policies

CWNP CPNAE-101 Sample Questions:

Question: 1

What are critical factors to consider during the stakeholder analysis phase of requirements gathering?

(Select two)

a) Identifying stakeholder needs
b) Calculating network latency
c) Mapping stakeholder influence on project outcomes
d) Evaluating device signal strength

Answer: a, c

Question: 2

Which challenges are commonly addressed by network device automation tools? (Select two)

a) Ensuring consistent configurations
b) Increasing the number of devices
c) Reducing manual errors
d) Enhancing physical device aesthetics

Answer: a, c

Question: 3

In systems engineering, what is the primary function of a use case diagram?

a) To evaluate Python programming performance
b) To detail network security protocols
c) To represent the interactions between users and the system
d) To define data packet flow

Answer: c

Question: 4

What are the advantages of using secure protocols like SSH for device management?

(Select two)

a) Protecting communication from unauthorized access
b) Simplifying device firmware updates
c) Encrypting data transmissions
d) Reducing network latency

Answer: a, c

Question: 5

Which tools are useful for monitoring and maintaining IoT network security? (Select two)

a) Intrusion Detection Systems (IDS)
b) Packet Sniffers
c) Network Device Aesthetics Analyzer
d) Device Weight Calculator

Answer: a, b

Question: 6

What is a common challenge in requirements gathering for a wireless IoT network?

a) Incompatible Python libraries
b) Overlapping device frequencies
c) Excessive power consumption of devices
d) Unclear communication between stakeholders

Answer: d

Question: 7

What is the function of a management information base (MIB) in SNMP?

a) To store device configuration scripts
b) To define the structure of network management data
c) To provide a graphical interface for device monitoring
d) To encrypt SNMP communication

Answer: b

Question: 8

How do you add an element to a set in Python?

a) set.add(element)
b) set.append(element)
c) set.insert(element)
d) set.include(element)

Answer: a

Question: 9

Which protocol is commonly used for logging and monitoring events on network devices?

a) Syslog
b) HTTP
c) FTP
d) SNMP

Answer: a

Question: 10

Which of the following is an example of a network performance monitoring tool?

a) Ansible
b) Nagios
c) SSH
d) Git

Answer: b

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

- Getting details of the CPNAE-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 CPNAE-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 CPNAE-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 CPNAE-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 CPNAE-101 practice tests is must. Continuous practice will make you an expert in all syllabus areas.