



JUNIPER JN0-280

Juniper JNCIA DC Certification Questions & Answers

Exam Summary – Syllabus – Questions

JN0-280

[Juniper Networks Certified Associate Data Center](#)

65 Questions Exam – Variable (60-70% Approx.) Cut Score – Duration of 90 minutes

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Know Your JN0-280 Certification Well:

The JN0-280 is best suitable for candidates who want to gain knowledge in the Juniper Data Center. Before you start your JN0-280 preparation you may struggle to get all the crucial JNCIA DC materials like JN0-280 syllabus, sample questions, study guide.

But don't worry the JN0-280 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 JN0-280 syllabus?
- How many questions are there in the JN0-280 exam?
- Which Practice test would help me to pass the JN0-280 exam at the first attempt?

Passing the JN0-280 exam makes you Juniper Networks Certified Associate Data Center. Having the JNCIA DC certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Juniper JN0-280 JNCIA DC Certification Details:

Exam Name	Data Center Associate
Exam Code	JN0-280
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	65
Passing Score	Variable (60-70% Approx.)
Recommended Training	Introduction to Juniper Data Center Networking
Exam Registration	PEARSON VUE
Sample Questions	Juniper JN0-280 Sample Questions
Practice Exam	Juniper Networks Certified Associate Data Center Practice Test

JN0-280 Syllabus:

Section	Weight
Data Center Architectures	- Identify concepts and general features of Data Center architectures <ul style="list-style-type: none"> • Traditional Architectures (multi-tier) • IP-Fabric Architectures (Spine/Leaf) • Layer 2 and Layer 3 strategies • Overlay Network versus Underlay Network (Very Basic) • EVPN/VXLAN basics/purpose
Layer 2 Switching, VLANs and Security	- Identify the concepts, operation, or functionality of Layer 2 switching for the Junos OS <ul style="list-style-type: none"> • Ethernet switching/bridging concepts and operations - Identify the concepts, benefits, or functionality of VLANs <ul style="list-style-type: none"> • Port modes • VLAN Tagging • IRB - Identify the concepts, benefits, or functionality of Layer 2 Security <ul style="list-style-type: none"> • MACsec • MAC address control/filtering • Storm Control - Describe how to configure, monitor, or troubleshoot Layer 2 switching, VLANs, or security <ul style="list-style-type: none"> • Ethernet switching/bridging • VLANs • Layer 2 security features
Protocol-Independent Routing	- Identify the concepts, operation, or functionality of various protocol-independent routing components <ul style="list-style-type: none"> • Static, aggregate, and generated routes • Martian addresses • Routing instances, including RIB groups • Load balancing

Section	Weight
	<ul style="list-style-type: none"> • Filter-based forwarding - Describe how to configure, monitor, or troubleshoot various protocol-independent routing components <ul style="list-style-type: none"> • Static, aggregate, and generated routes • Load balancing
Data Center Routing Protocols BGP/OSPF	- Identify the concepts, operation, or functionality of OSPF <ul style="list-style-type: none"> • Link-state database • OSPF packet types • Router ID • Adjacencies and neighbors • Designated router (DR) and backup designated router (BDR) • OSPF area and router types • LSA packet types - Describe how to configure, monitor, or troubleshoot OSPF <ul style="list-style-type: none"> • Areas, interfaces, and neighbors • Additional basic options • Routing policy application • Troubleshooting tools - Identify the concepts, operation, or functionality of BGP <ul style="list-style-type: none"> • BGP basic operation • BGP message types • Attributes • Route/path selection process • IBGP and EBGP functionality and interaction - Describe how to configure, monitor, or troubleshoot BGP <ul style="list-style-type: none"> • Groups and peers • Additional basic options • Routing policy application
High Availability (HA)	- Identify the concepts, benefits, applications, or requirements of high availability

Section	Weight
	<ul style="list-style-type: none"> • Link aggregation groups (LAG) • Graceful restart (GR) • Bidirectional Forwarding Detection (BFD) • Virtual Chassis <p>- Describe how to configure, monitor, or troubleshoot high availability components</p> <ul style="list-style-type: none"> • Link aggregation groups (LAG) • Graceful restart (GR) • Bidirectional Forwarding Detection (BFD)

Juniper JN0-280 Sample Questions:

Question: 1

Which two statements are correct about aggregated Ethernet bundles?

(Choose two.)

- a) You must enable the chassis to support aggregated Ethernet interfaces.
- b) You must purchase a services license for the chassis to support aggregate Ethernet interfaces.
- c) You must specify which interfaces are members of a specific aggregated Ethernet bundle.
- d) You must enable LACP when configuring aggregated Ethernet bundles.

Answer: a, c

Question: 2

With regards to graceful restart, which two statements are true? (Choose two.)

- a) A supported routing protocol, such as BGP, must be operational for graceful restart to work.
- b) NSR must be enabled for graceful restart to work.
- c) Dual routing engines are required for graceful restart to work.
- d) The network topology must be stable for graceful restart to work.

Answer: a, d

Question: 3

EVPN/VXLAN is primarily used in modern data centers to:

- a) Increase the physical distance between data centers.
- b) Provide Layer 2 connectivity over a Layer 3 network.
- c) Replace traditional routing protocols.
- d) Enhance the physical security of the data center.

Answer: b

Question: 4

Which two protocols can you use for a data center underlay network? (Choose two)

- a) EBGp
- b) OSPF
- c) VXLAN
- d) EVPN

Answer: a, b

Question: 5

You have configured a load balancing policy. Which statement is correct about applying the policy?

- a) The policy is applied as an export policy under the routing protocol's hierarchy.
- b) The policy is applied as an export policy under routing-options forwarding table.
- c) The policy is applied as an import policy under the routing protocol's hierarchy.
- d) The policy is applied as an import policy under routing-options forwarding table.

Answer: b

Question: 6

Under which Junos hierarchy is a static route configured?

- a) system
- b) routing-instances
- c) routing-options
- d) protocols

Answer: c

Question: 7

What are two common reasons for BGP routes to be in the hidden state? (Choose two.)

- a) Routes are being rejected by a policy
- b) Routes are being filtered from the inet.2 routing table
- c) The next hop is unresolvable
- d) The BGP neighbor is in a different autonomous system

Answer: a, c

Question: 8

How does a layer 2 switch populate its bridge table?

- a) It stores the protocol number of frames traversing the network.
- b) It stores both the source and destination MAC addresses of frames traversing the network.
- c) It stores the destination MAC address of frames traversing the network.
- d) It stores the source MAC address of frames traversing the network.

Answer: d

Question: 9

In the context of data center networking, what is the primary purpose of an Underlay Network?

- a) To provide a physical infrastructure for an Overlay Network.
- b) To handle external network connections exclusively.
- c) To facilitate virtual machine migrations.
- d) To encrypt data traffic between servers.

Answer: a

Question: 10

In the Junos OS, what is the default behavior of a switch when it receives a frame with an unknown destination MAC address?

- a) It discards the frame.
- b) It floods the frame out of all ports except the one it was received on.
- c) It sends the frame to its default gateway.
- d) It buffers the frame until the MAC address can be learned.

Answer: b

Study Guide to Crack Juniper JNCIA DC JN0-280 Exam:

- Getting details of the JN0-280 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 JN0-280 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 Juniper provided training for JN0-280 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 JN0-280 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 JN0-280 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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