



H3C GB0-192

**H3C Network Engineer for Routing and Switching Plus Certification
Questions & Answers**

Exam Summary – Syllabus – Questions

GB0-192

[H3C Certified Network Engineer for Routing & Switching Plus \(H3CNE-RS+\)](#)

50 Questions Exam – 600/1000 Cut Score – Duration of 90 minutes

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Know Your GB0-192 Certification Well:

The GB0-192 is best suitable for candidates who want to gain knowledge in the H3C Routing & Switching. Before you start your GB0-192 preparation you may struggle to get all the crucial Network Engineer for Routing and Switching Plus materials like GB0-192 syllabus, sample questions, study guide.

But don't worry the GB0-192 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 GB0-192 syllabus?
- How many questions are there in the GB0-192 exam?
- Which Practice test would help me to pass the GB0-192 exam at the first attempt?

Passing the GB0-192 exam makes you H3C Certified Network Engineer for Routing & Switching Plus (H3CNE-RS+). Having the Network Engineer for Routing and Switching Plus certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

H3C GB0-192 Network Engineer for Routing and Switching Plus Certification Details:

Exam Name	H3C Network Engineer for Routing and Switching Plus
Exam Code	GB0-192
Exam Price	\$165 USD
Duration	90 minutes
Number of Questions	50
Passing Score	600/1000
Recommended Training	Routing and Switching Essentials V1.0
Exam Registration	PEARSON VUE
Sample Questions	H3C GB0-192 Sample Questions

Practice Exam	H3C Certified Network Engineer for Routing & Switching Plus (H3CNE-RS+) Practice Test
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GB0-192 Syllabus:

Section	Weight
Computer Network Fundamentals	<ul style="list-style-type: none"> - Basic concepts of computer networks: basic concepts of computer networks; main forms and development history of networks; classification and common concepts of networks, including topological types, switching methods, and performance indicators - TCP/IP protocol stack and OSI reference model: definition and characteristics of the OSI reference model and TCP/IP model; division, functions, features, and major protocols of each layer in the two models - LAN Fundamentals: major LAN technologies, development history of Ethernet technologies, major Ethernet technology standards, CSMA/CD, MAC address, Ethernet interfaces and cables, Ethernet equipment and topologies, optical fibers and interface types, and basic principles of the WLAN - Basic principles of IP: IP protocol suite, IP functions and features, basic structure of the IP network, IP encapsulation, composition and classification of IP addresses, sending, forwarding, and receiving of IP packets, and working principles of the ARP/RARP/proxy ARP - Basic principles of TCP and UDP: functions and features of TCP and UDP, TCP and UDP encapsulation, TCP connection establishment and disconnection, port number, TCP acknowledgement, retransmission, and window mechanism
Getting Started with H3C Network Devices	<ul style="list-style-type: none"> - H3C network device and operating systems: functions of routers and switches, basic components of routers and switches, functions and features of the Comware system, and major H3C routers and switches - Command Line Operation Basics: how to access and connect to the CLI, how to get started with the CLI, and commonly used equipment management commands - Network device file management: components of the network device file system, file storage mode, file system operation commands, configuration file and system file management, network device startup and boot process

Section	Weight
	<ul style="list-style-type: none"> - Basic Network Device Debugging: ping and traceroute commands, and system debugging
LAN Switching	<ul style="list-style-type: none"> - Ethernet Switch Fundamentals: shared and switched Ethernet, and learning, forwarding, and filtering logic of Ethernet switches - Virtual Local Area Network: concepts, functions, and features of VLANs, VLAN allocation modes, 802.1Q tags, and Trunk link - Spanning Tree Protocol: functions, features and relationships of STP/RSTP/MSTP, Ethernet ring generation, STP switch role, port status and BPDU, RSTP port status, RSTP improvements based on STP, MSTP improvements based on RSTP - Port Security for Switches: 802.1x functions, features and system architecture, port access control, port isolation, and port binding - Ethernet Link Aggregation: functions and features of Ethernet link aggregation, static Link Aggregation Group, and dynamic Link Aggregation Group - WLAN Fundamentals : Introduction to key concepts of WLAN and WLAN network devices, and WLAN basic configuration methods.
Advanced TCP/IP	<ul style="list-style-type: none"> - IP Subnetting: necessity of subnet division, method of subnet division, calculation of subnet and subnet mask, VLSM and CIDR - DNS: functions and system components of the DNS, domain name structure, domain name resolution methods and processes - File Transfer Protocol: FTP/TFTP functions, features, and working principles - DHCP: DHCP functions and features, DHCP system components, and DHCP and DHCP relay - IPv6 Basics: features of IPv6, IPv6 addresses and classifications, IPv6 Neighbor Discovery Protocol, IPv6 address resolution, and automatic IPv6 address configuration
IP Routing	<ul style="list-style-type: none"> - Principles of IP routing: routing, routing table, operations of routers to process packets, sources of routes, routing metrics, routing priorities, and routing loops - Direct routes and static routes: direct route, multiple ways of inter-VLAN route, and static route configuration - Overview of routing protocols: routing protocols and routable protocols, common routing protocols, IGP and EGP, distance vectors and link states, and measurement

Section	Weight
	standards for routing protocols - OSPF Basics: OSPF features, basic working processes, DR election, LSA and LSDB, and domainbased OSPF
Configuring a Secure Branch Network	- ACL Based Packet Filtering: functions, types, and working principle of ACLs, application scenarios of ACLs, and packet filtering on firewalls using ACLs - Network Address Translation (NAT): functions and types of NAT, and working principles of Basic NAT/NAPT/Easy IP/NAT Server/NAT ALG
WAN Access and Interconnection	- Wide Area Network Fundamentals: functions and features of the WAN technologies, major WAN technologies, major connection methods of the WAN and respective connection models, and common WAN interface cables and standards - PPP: PPP functions and features, LCP and NCP, PPP session establishment process, PAP and CHAP authentication and various configuration methods - Segment Routing Fundamentals: Origin and advantages of SR technology, SR technology principles and application scenarios.
The Evolution of Network Technologies	- Virtualization technology fundamentals: Concepts, characteristics, and classifications of virtualization, principles and implementation methods of computing virtualization, storage virtualization, and network virtualization. - SDN overview: Background of SDN networks, SDN network architecture and value. - NFV overview: Background and related concepts of NFV, NFV standards organizations, H3C's NFV products and architecture.

H3C GB0-192 Sample Questions:

Question: 1

The TFTP protocol is a protocol based on _____.

- a) UDP
- b) TCP
- c) IPX
- d) SSH

Answer: a

Question: 2

For the understanding of packet switching, the correct one of the following statements is _____.

(Multiple choice)

- a) Packet switching includes frame-based packet switching and cell-based packet switching
- b) Each packet carries the address identification of the receiver and the sender, and the packet can be forwarded directly without any operation, thereby improving efficiency
- c) Packet switching is a switching method based on Store-and-Forward switching
- d) The transmitted information is divided into packets of a certain length and forwarded in units of packets

Answer: a, c, d

Question: 3

Which of the following statements about optical fiber are correct?

(multiple choice)

- a) When using multi-mode fiber, the maximum signal transmission distance is longer than single-mode fiber
- b) The cost of multimode fiber is lower than that of single mode fiber
- c) Multimode fiber can transmit light of different wavelengths and different incident angles
- d) Multimode fiber has a thinner core

Answer: b, c

Question: 4

According to the different sources, the routes in the routing table are usually divided into the following categories?

(multiple choice)

- a) Interface routing
- b) Dynamic routing
- c) Direct route
- d) Static routing

Answer: b, c, d

Question: 5

UDP belongs to the _____ of the OSI reference model.

- a) Transport layer
- b) Presentation layer
- c) Session layer
- d) Network layer

Answer: a

Question: 6

Regarding the compressed expression of the IPv6 address 2001:0410:0000:0001:0000:0001:0000:45FF, which of the following is correct? (multiple choice)

- a) 2001:410::1::45FF
- b) 2001:410:0:1::45FF
- c) 2001:410:0:1:0:1:0:45FF
- d) 2001:41:0:1:0:1:0:45FF

Answer: c

Question: 7

After turning on the debugging, you can use the _____ command to turn off the debugging.

- a) undo terminal monitor
- b) undo terminal debugging
- c) undo debugging all
- d) no debugging all

Answer: c

Question: 8

On the MSR router, use the _____ command to view the current running version of the device.

- a) display current-version
- b) display running
- c) display software
- d) display version

Answer: d

Question: 9

In the routing table of an MSR router, which of the following sources of routes may be included?

(multiple choice)

- a) The route discovered by the dynamic routing protocol
- b) The route discovered by the network layer protocol
- c) Route of directly connected network segment
- d) The static route manually configured by the network administrator

Answer: a, c, d

Question: 10

Common FTP file transfer types include _____.

(Multiple choice)

- a) Local type
- b) EBCDIC type
- c) ASCII code type
- d) Binary type

Answer: c, d

Study Guide to Crack H3C Network Engineer for Routing and Switching Plus GB0-192 Exam:

- Getting details of the GB0-192 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 GB0-192 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 H3C provided training for GB0-192 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 GB0-192 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 GB0-192 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for GB0-192 Certification

Make NWExam.com your best friend during your H3C Network Engineer for Routing and Switching Plus exam preparation. We provide authentic practice tests for the GB0-192 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual GB0-192 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 GB0-192 exam.

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