

Cisco Network Design

Assessment Fact Sheet

Overview

The Cisco Network Design test measures knowledge of installing and configuring an Internet Protocol network using Cisco routers. Designed for experienced engineers.

Job Family/Title

Engineers, Network Administrators

Details

Average Testing Time (minutes)

26 minutes

Allowed Time (minutes)

90 minutes

Maximum Number of Questions

30 questions

Number of Sitzings

One

Designed for Unproctored Environment

Yes

Question Format

Multiple Choice – Adaptive

Product Category

Information Technology

Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Cisco Network Design Model
- Disaster Recovery
- Multicast Protocols
- Network Addressing Design
- Network Equipment Physical Requirements
- Network Security
- OSI Model
- Requirements Gathering Techniques
- Routing Protocol Concepts And Design
- Switching And Routing Considerations

Example Questions

Exit

Question Time Remaining: 0h : 2m : 55s

Which command do you use to protect against IP-based broadcasts sent over a routed network to your subnets?

a	<input type="radio"/> no ip directed-broadcast
b	<input type="radio"/> no ip helper-address
c	<input type="radio"/> no ip forward-protocol
d	<input type="radio"/> no ip redirects
e	<input type="radio"/> no bridge ip

Next

Example Reports

Test: Cisco Network Design
This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

Score: 2.67
Proficiency Level: Proficient (2.51 - 3.50)
The candidate has mastered the basic concepts of Cisco Network Design, including:

- OSI Model
- Network Security
- Network Equipment Physical Requirements

The candidate demonstrates a clear understanding of intermediate Cisco Network Design concepts, such as:

- Routing Protocol Concepts And Design
- Network Addressing Design
- Disaster Recovery
- Switching And Routing Considerations

The candidate may have some knowledge of more advanced Cisco Network Design concepts such as:

- Multicast Protocols
- Cisco Network Design Model
- Requirements Gathering Techniques

At the Proficient level, the candidate will be capable of working on most projects involving Cisco Network Design with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

Percentile Comparisons
The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons	
	<div style="display: flex; justify-content: space-between;"> <div>Low</div> <div>Medium</div> <div>High</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 100px; height: 10px; background: linear-gradient(to right, red, yellow, green);"></div> <div style="margin-left: 5px;">3070100</div> </div> <div style="display: flex; align-items: center;"> <div>Global Population</div> <div style="width: 100px; height: 10px; background-color: white; border: 1px solid black; position: relative;"> <div style="position: absolute; left: 50%; transform: translate(-50%, -50%);">50</div> </div> </div>

Detail Item Results												
Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	CISCO_NETWORK_DESIGN_R2_BB_0634	Requirements Gathering Techniques	Understanding LAN Traffic Requirements	Advanced	23.3	No						
2	CISCO_NETWORK_DESIGN_R2_BB_1148	Network Security	Crypto Keys	Basic	11.8	Yes						
3	CISCO_NETWORK_DESIGN_R2_BB_0561	Routing Protocol Concepts And Design	Protocol Interoperability	Intermediate	25.3	No						