

Network Security

Assessment Fact Sheet

Overview

The Network Security test measures a candidate's knowledge of the technical issues involved in maintaining network security. This test is designed for experienced network administrators.

Job Family/Title	Network Administrators
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Details

Average Testing Time (minutes)	30 minutes
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Allowed Time (minutes)	90 minutes
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Maximum Number of Questions	30 questions
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Designed for Unproctored Environment	Yes
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Question Format	Multiple Choice - Adaptive
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Product Category	Information Technology
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Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Access Control
- Cryptography
- Infrastructure
- Security Policy and Procedures
- System Management
- Threats
- Tools

Example Questions

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Info: F=0x00000000 S=0x00000000 L=94 T=19:25:05
Ethernet: D=C1800:0C:0C:01 S=0-Link:16:2F:49
IP: S=10.0.0.157 B=TABLET
ICMP - Internet Control Message Protocol
  ICMP Type: 3
  ICMP Code: 10
  ICMP Checksum: 0x121C
  Unused (must be zero): 0x0000
  Next-Hop MTU: 0
IP: S=TABLET D=10.0.0.157
TCP: S=4422 B=http SEQ=4056029561 ACK=0 W=65535
  
```

How do you describe the action of the ICMP packet in the image above?

a A router is rejecting traffic to the destination network.

b A firewall is rejecting traffic to the destination host.

c The packet is an ICMP echo request (PING).

d The destination network is unreachable, because it is not in the routing table.

e The destination host is unreachable, because the specified host is offline.

Example Reports

Test: Network Security
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: 3.42
Proficiency Level: Proficient (2.51 - 3.50)

The candidate has mastered the basic concepts of Network Security, including:

- Security Policy and Procedures
- Infrastructure

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

- Access Control
- Tools
- Threats

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

- Cryptography
- System Management

At the Proficient level, the candidate will be capable of working on most projects involving Network Security 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	Low	Medium	High
Global Population	30	70	100
	84		

Detail Item Results	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct
1	NETWORK_SECURITY_R2_BB_0161	Cryptography	E-mail	Advanced	15.2	Yes
2	NETWORK_SECURITY_R2_BB_0173	Threats	External Threats	Intermediate	12.0	Yes
3	NETWORK_SECURITY_R2_BB_0337	Threats	Emerging Threats	Intermediate	1.6	No