Internet Security Concepts

Assessment Fact Sheet

Overview

The Internet Security Concepts test measures knowledge of secure operations over the Internet through various protocols. This test is designed for experienced network administrators.

Job Family/Title	Network Administrator

Details

Average Testing Time (minutes)	21 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
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:

- Communications
- Electronic Mail
- Encryption
- Identity and Access Management
- Malicious Programs
- Network Devices and Services
- Security Management
- Threats
- World Wide Web

Example Questions

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A critical business application has been using DES encryption for more than 20 years to secure sensitive
data transmitted by the application. A targeted attack results in cracking the encryption in less than 24
hours using a brute-force attack.

Based on the scenario above, why is DES so easily hacked?
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a ○	The encryption key length is too short.	
b ○	Back doors have been discovered in the encryption algorithm.	
c ○	The encryption algorithm details have been leaked on the Internet.	
d ○	It requires expensive hardware to implement.	
e ○	It cannot be used for secure voice communications.	

Example Reports

Test: Internet Security Concepts
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: 3.13
Proficiency Level: Proficient (2.51 - 3.50)
The candidate has mastered the basic concepts of Internet Security Concepts, including:

- Identity and Access Management
- World Wide Web
- Communications

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

- Network Devices and Services
- Security Management
- Malicious Programs

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

- Encryption
- Electronic Mail
- Threats

At the Proficient level, the candidate will be capable of working on most projects involving Internet Security Concepts 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
	Percentile	30	70	100
Global Population	65		◆	

Detail Item Results

Order	Question		Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	INTERNET_SECURITY_BB_0095 Firewalls		Extranets		Basic	32.4	Yes						
2	INTERNET_SECURITY_BB_1818 Encryption		Algorithms		Intermediate	45.1	No						
3	INTERNET_SECURITY_BB_0079 Electronic Mail		Controls		Intermediate	42.7	Yes						