



NSE 7 Network Security Architect—Public Cloud Security

NSE 7 Certification

The Fortinet Network Security Architect designation identifies your advanced skills in deploying, administering, and troubleshooting Fortinet security solutions. We recommend this certification for network and security professionals who are involved in the advanced administration and support of security infrastructures using Fortinet solutions. Visit the [Fortinet NSE Certification Program](#) page for information about certification requirements.

Fortinet NSE 7—Public Cloud Security 6.4 Exam

The **Fortinet NSE 7—Public Cloud Security 6.4** exam is part of the NSE 7 Network Security Architect program, and recognizes the successful candidate's knowledge and expertise with Fortinet solutions in public cloud network environments.

The exam tests applied knowledge of the integration and administration of Fortinet public cloud security solutions, and includes design scenarios, configuration extracts, and troubleshooting captures.

Audience

The **Fortinet NSE 7—Public Cloud Security 6.4** exam is intended for network and security professionals who are responsible for the integration and administration of an enterprise public cloud security infrastructure composed of multiple Fortinet solutions.

Exam Details

Exam name	Fortinet NSE 7— Public Cloud Security 6.4
Exam series	NSE7_PBC-6.4

Time allowed	60 minutes
Exam questions	30 multiple-choice questions
Scoring	Pass or fail, a score report is available from your Pearson VUE account
Language	English and Japanese
Product version	FortiGate 6.4 FortiWeb 6.4

Exam Topics

Successful candidates have applied knowledge and skills in the following areas and tasks:

Explain cloud-specific architectural requirements, deploy and integrate Fortinet solutions with public cloud providers, and troubleshoot public cloud components.

- Fortinet Solution for Amazon Web Services (AWS)
 - Identify Fortinet WAF solutions for AWS
 - Review AWS basic concepts and components
 - Configure high availability (HA), load balancing, and autoscaling
 - Identify traffic patterns, MPLS, IPsec, Direct Connect
 - Secure the public cloud
 - Apply auto scaling, resilience / availability, transit VPCs, load balancing
 - Implement marketplace deployment, templates, sizing, automation
 - Apply FortiGate AWS SDN integration
 - Choose Fortinet products licensing in AWS Marketplace: PAYG, BYOL
- Fortinet Solution for Microsoft Azure
 - Identify Azure Security Center, Azure Stack
 - Identify traffic patterns, MPLS, IPsec, ExpressRoute, Traffic Manager
 - Configure resilience / availability, Transit VNet, load balancing, east-west inspection
 - Configure HA, load balancing, and autoscaling
 - Choose Fortinet products licensing in Azure Marketplace: PAYG, BYOL
 - Implement marketplace deployment, templates, sizing, automation
- Fortinet Solution for Google Cloud Platform (GCP)
 - Deploy FortiGate in GCP
 - Identify traffic patterns, MPLS, IPsec, and dedicated interconnection
 - Perform installation, sizing, and licensing: BYOL
- FortiCASB and FortiCWP
 - Review FortiCASB architecture and supported applications
 - Review FortiCWP architecture
 - Configure FortiCASB

Training Resources

The following resources are recommended for attaining the knowledge and skills that are covered on the exam. The recommended training is available as a foundation for exam preparation. In addition to training, candidates are strongly encouraged to have hands-on experience with the exam topics and objectives.

NSE Training Institute Courses

- *NSE 7 Public Cloud Security 6.4*

Other Resources

- FortiOS - AWS Cookbook 6.4
- FortiOS - Azure Cookbook 6.4
- FortiOS - GCP Cookbook 6.4

Experience

- Familiarity with various deployments in AWS, Azure, and GCP

Exam Sample Questions

A set of sample questions is available from the NSE Training Institute. These questions sample the exam content in question type and content scope. However, the questions do not necessarily represent all the exam content, nor are they intended to assess an individual's readiness to take the certification exam.

See the [NSE Training Institute](#) for the course that includes the sample questions.

Examination Policies and Procedures

The NSE Training Institute recommends that candidates review exam policies and procedures before registering for the exam. Access important information on the [Program Policies](#) page, and find answers to common questions on the [FAQ](#) page.

Questions?

If you have more questions about the NSE Program, contact your regional training team.

- Americas - training@fortinet.com
- Asia, Pacific, India - apactraining@fortinet.com
- Europe, Middle East, Africa - emeatraining@fortinet.com