



McAfee Certified Product Specialist

McAfee Network Security Platform (NSP)

Certification Candidate Guide

About McAfee Certification

The McAfee Certified Product Specialist certifications are designed for candidates who administer a specific McAfee product or suite of products, and have one to three years of experience with that product or product suite. This certification level allows candidates to demonstrate knowledge in these key product areas:

- Basic architecture
- Installation
- Configuration
- Management
- Troubleshooting

For more information about other certification exams or about the McAfee Certification program, go to <https://www.mcafee.com/us/services/education-services/security-certification-program.aspx>

Why get McAfee Certified?

As technology and security threats continue to evolve, organizations are looking for employees with the most up-to-date certifications on the most current techniques and technologies. In a well cited IDC White Paper, over 70% of IT Managers surveyed felt certifications are valuable for their team and were worth the time and money to maintain.

Becoming McAfee certified distinguishes you from other security professionals and helps validate that you have mastery of the critical skills covered by the certification exams. Earning a certification also your commitment to continued learning and professional growth.

About this Guide

This guide is intended to help prepare you for the McAfee Certified Product Specialist exam. This guide covers these topics:

- Exam details
- Exam topics
- Exam preparation resources

Exam Details

This exam validates that the successful candidate has the knowledge and skills necessary to successfully install, configure, and manage the McAfee solution. It is intended for security professionals with one to three years of experience using the McAfee product.

McAfee Network Security Platform (NSP)	
Product version(s):	8.1
Associated exam	MA0-101
Associated training	4 Days McAfee Network Security Platform
Number of questions	100
Exam duration	140 Minutes
Passing score	70%
Exam price	\$150 USD Exam prices are subject to change. Please visit the following link for exact pricing: http://www.pearsonvue.com/McAfee/index.asp

Recommended experience

A minimum of one year of experience using the McAfee product. Recommended hands-on experience includes:

- Planning
- Design
- Installation
- Configuration
- Operations and management

Certification exam registration

McAfee has partnered with Pearson VUE, the global leader in computer-based testing, to administer our certification program. Pearson VUE makes the certification process easy from start to finish. With over 5,000 global locations, you can conveniently test your knowledge and become McAfee Certified.

To register for your exam, go to: <http://www.pearsonvue.com/McAfee/index.asp>

Certification transcripts

Individuals who have passed a McAfee certification exam are granted access to the McAfee Certification Program Candidate site. On the site, you will find:

- Your official McAfee Certification Program transcript and access to the transcript sharing tool.
- The ability to download custom certification logos.
- Additional information and offers for McAfee-certified individuals
- Your contact preferences and profile
- News and promotions

Communicating your accomplishment

Once certified, you can obtain an Acclaim digital badge to use in email signatures, on social media, and anywhere you want to showcase your skills and accomplishment.

The skills represented by your Acclaim badge are the key to professional growth and opportunity.

With Acclaim's labor market insights, use your badge and its associated skill tags to search for jobs by job title, location, employer, and salary range. And if you find a job you're interested in, you're just a few clicks away from applying.

Exam Topics

Setup

- NSP Installation (e.g. server requirements, planning)
- NSP Configuration (e.g. domains, user account, authentication, response management and notification)
- NSP Navigation
- Sensor Installation (e.g. sensor sizing, planning, placement, ports, operational modes)
- Sensor Configuration (e.g. CLI commands)
- Maintenance and troubleshooting (e.g. backup, database tuning, file pruning)
- Integration (e.g. EPO, NTBA, GTI)

Policy Management

- Policy Manager (e.g. creation, assignment)
- IPS Policies (e.g. custom attach editor, attack definitions, import/export, system tuning)
- Advanced Malware Policies
- Inspection Options Policies
- Connection Limiting Policies
- Firewall Policies
- Quality of Service (QoS) Policies
- Exceptions (e.g. ignore rules, fliehash exceptions, domain name exceptions)
- Objects (e.g. policy groups, rule objects, attack set profiles)

Event Management

- Dashboard Monitoring
- Threat Analysis (e.g. threat explorer, malware detections, attack log, pcap analysis, recognizing patterns)
- Response Actions (e.g. white list, black list, update policies, create ignore rules)
- Reporting

Exam Preparation Resources

Suggested resources for exam preparation include:

- Hands on experience; a minimum of one to three years are suggested
- Instructor Led Training and eLearning courses
- Expert Center
- Technical ServicePortal
- Exam topics
- Sample questions

Product training

Although formal training is not required to successfully pass the exam, you may benefit from self-paced eLearning content and the shared experiences obtained through instructor led training.

To review course content and register for training, go to <https://mcafee.netexam.com/catalog.html>

McAfee Expert Center

The Expert Center is a community for McAfee product users. Here you will find valuable information for your McAfee products, such as:

- Instructional videos and whitepapers
- Discussion feeds for experts and other users
- Guidelines to establish baselines, and to harden your IT environment
- Ways to expedite monitoring, response, and remediation processes

To access the Expert Center, go to <https://community.mcafee.com/community/business/expertcenter>

Business ServicePortal

The Technical ServicePortal provides a single point of access to valuable tools and resources, such as:

- Documentation
 - Network Security Platform 8.1 Installation Guide (PD25115)
- Security bulletins
- Technical articles
- Product downloads
- Tools

To access the ServicePortal, go to <https://support.mcafee.com>

Sample Exam Questions

These questions are provided for review. These items are similar in style and content to those referenced in the McAfee Certified Product Specialist exam. The answers are provided after the questions.

1. Upon initial configuration, which of the following allows management connection to the Sensor?
 - a. RJ45
 - b. RJ11
 - c. Monitoring port
 - d. Console port
2. To archive alerts and packets logs, you must navigate through which of the following paths?
 - a. Manage | Maintenance | Archiving
 - b. Manage | Alerts | Archiving
 - c. Maintenance | Alerts | Archiving
 - d. Manage | Maintenance | Alerts | Archiving
3. Why is the DBAdmin tool considered a preferred method of performing system maintenance tasks that could be performed within the NSM?
 - a. Saves additional workload on the Manager
 - b. Reliability
 - c. Speed
 - d. Ease of use
4. Which step needs to be completed before a sensor can be configured?
 - a. Sensor IP addressing must be set
 - b. Sensor must be added to the Manager
 - c. Sensor username and password must be set
 - d. Sensor Gateway addressing must be set
5. Which command can be issued on a Sensor to check the health of the Sensor?
 - a. Show health sensor
 - b. Show health status
 - c. Show config
 - d. Check health
6. In the Policy Manager, a policy can be modified at the interface level unless that policy was initially created in a:
 - a. Parent Domain.
 - b. Child Domain.
 - c. Top Domain.
 - d. Non-adjacent Domain.
7. A rule set cannot be applied to a policy with:
 - a. The same rule set applied to both traffic flows.
 - b. One rule set applied to all traffic.
 - c. Different rule sets applied to each traffic flow.
 - d. Two rule sets applied to each traffic flow.

8. At the device level, the IPS policy cannot be modified to include/exclude:
 - a. Default McAfee Attacks.
 - b. Modified McAfee Attacks.
 - c. Custom McAfee Format Attacks.
 - d. Custom Snort Attacks.
9. On the NSP CLI, what is the command that enables the L2 mode feature?
 - a. Layer2 mode off
 - b. Layer2 mode on
 - c. Layer2 mode assert
 - d. Layer2 mode deassert
10. If domain-level exception object settings are assigned at the Sensor level:
 - a. Other resources using that object on that Sensor are not affected
 - b. Other resources using that object on that Sensor are also affected
 - c. A Fault level of warning will be sent to the NSM to warn the administrators
 - d. The Sensor level settings will be ignored; domain-level settings always take precedence

Answer Key

1:D, 2:D, 3:A, 4:B, 5:A, 6:A, 7:D, 8:B, 9:B, 10:B

