



Exam Study Guide

(Broadcom Employees Only)

Proven Professional Exam 250-578:
AppNeta by Broadcom Software

AppNeta SaaS v15.24

1. About Broadcom Certification Exams

Broadcom Certification demonstrates the highest levels of technical competency, productivity, and industry recognition with increased opportunities for career advancement.

Validate your technical knowledge and competency by becoming a Broadcom Proven Professional based on your specific area of Broadcom Software technology expertise. To achieve this level of certification, candidates must pass one proctored Proven Professional exam based on a combination of training material, commonly referenced product documentation, and real-world job scenarios.

Each certification exam is a computer-based examination that gives you the opportunity to demonstrate your mastery of critical skills sets against published exam objectives. Qualified proctors through independent test centers, on Broadcom's behalf, administer the exams. Each exam has a predefined time allowed. Please confirm the timing allotted when registering for your exam. All exams are closed book, which means you may not have any printed material, computers, or calculators with you during the exam. Upon completion of your exam, you will receive immediate, provisional, on-screen feedback on your scoring.

For more detailed information about Broadcom Proven Professional Exams and other Broadcom Partner certifications, please visit the Broadcom Certification Program page at <https://www.broadcom.com/support/education/symantec/certification>.

2. Preparing for Your Certification Exam

Recommended Experience

To supplement the education and training materials provided to prepare for this exam, it is recommended that the candidate has at least 3-6 months experience implementing and working with AppNeta in a production or lab environment.

Exam Description

Candidates can validate technical knowledge and competency by becoming Broadcom Proven Professionals based on their specific area of technical expertise. To achieve this level of certification, candidates must pass this proctored exam based on a combination of training material, commonly referenced product documentation, and real-world job scenarios.

This exam targets IT Professionals using AppNeta. This certification exam tests the candidate's knowledge of how to install, configure, and administer AppNeta.

PLEASE NOTE: The AppNeta Proven Professional Exam was developed in alignment with AppNeta SaaS version 15.24. Please review [AppNeta release notes](#) to familiarize with product changes since the exam was released.

Study References & Recommended Courses

Preparatory documentation and training materials can be found on the [Broadcom Partner Portal](#), on the [TechDocs portal](#), and on the Learning Management System, [Learning@Broadcom](#).

PLEASE NOTE: The hyperlinks for web-based training will only work for Broadcom Employees.

Broadcom Partners and Customers with an AppNeta entitlement should refer to the Exam Study Guide linked from the [Broadcom Software Certification Exams](#) website.

AppNeta General Content

[Intro to AppNeta](#)

Web-based Training, (30 minutes), Free

[Intro to AppNeta Results](#)

Web-based Training, (30 minutes), Free

[AppNeta Platform Fundamentals](#)

Web-based Training, (20 minutes), Free

[AppNeta Overview](#) (all articles in section)

Technical Documentation, (50 minutes), Free

[Scenario Monitoring Guides](#) (all articles)

Technical Documentation, (90 minutes), Free

[Deployment Best Practices](#)

Technical Documentation, (3 minutes), Free

Monitoring Points Content

[Monitoring Point Fundamentals](#)

Web-based Training, (20 minutes), Free

[Firewall Configuration](#)

Technical Documentation, (20 minutes), Free

[Monitoring Points](#) (general topics)

Technical Documentation, (90 minutes), Free

- [Licensing](#)
- [Monitoring Point Feature Comparison](#)
- [Monitoring Point Status](#)
- [Deployment Best Practices](#)
- [NMP in a User Environment](#)
- [Migrating Monitoring Between Monitoring Points](#)
- [Sharing a Monitoring Point](#)
- [Restricting Access](#)
- [Managing Monitoring Points](#) (review all articles)

[Monitoring Points](#) (specific models)

Technical Documentation, (5-6 hours), Free

Review documentation for the following models:

- Hardware: [m50](#), [m70](#), [r90](#), [r1000](#)
- Virtual: [v35-KVM](#), [v35-VMware](#)
- Container: [CMP-AWS](#), [CMP-Azure](#)
- Customer premise equipment: [cpe40](#)
- Native: [macOS](#), [Windows](#)
- Global: [GMP](#), [GMT](#)

Familiarize with topics within each chapter:

- Specifications
- Setup (prerequisites, general install process, optional features, troubleshooting topics)
- Access (status, access methods)
- Configure (general configuration requirements)
- Manage (available management tasks)

Pay attention to any Tips and Caution notes.

Delivery Monitoring Content

[Configure Network Monitoring in Delivery](#)

Web-based Training, (50 minutes), Free

[Delivery Monitoring Overview](#)

Technical Documentation, (5 minutes), Free

[Set up Delivery](#) (all articles)

Technical Documentation, (60 minutes), Free

[Managing Network Paths](#)

Technical Documentation, (15 minutes), Free

Experience Monitoring Content

[Configure Web App Monitoring in Experience](#)

Web-based Training, (20 mins), Free

[Experience Monitoring Overview](#) (all articles)

Technical Documentation, (10 minutes), Free

[Set up Experience](#) (all articles)

Technical Documentation, (90 minutes), Free

[Managing Web Paths](#)

Technical Documentation, (15 minutes), Free

Usage Monitoring Content

[Configure Traffic Analysis in Usage](#)

Web-based Training, (10 mins), Free

[Usage Monitoring Overview](#)

Technical Documentation, (5 minutes), Free

[Set up Usage](#) (all articles)

Technical Documentation, (20), Free

Alerts and Notifications Content

[Operationalize Alerts & Notifications](#)

Web-based Training, (45 mins), Free

[Alerts and Notifications - Best Practices](#)

Technical Documentation, (20 minutes), Free

[Notifications](#)

Technical Documentation, (15 minutes), Free

Dashboards and Reports Content

[Configure Dashboards and Reports](#)

Web-based Training, (2.5 hours), Free

[Dashboards](#)

Technical Documentation, (40 minutes), Free

[Delivery Reports](#)

Technical Documentation, (40 minutes), Free

AppNeta On-Prem Content

[AppNeta On-Prem](#)

Technical Documentation, (10 minutes), Free
Review the following articles in this chapter:

- AppNeta On-Prem article
- Configuration article
- Maintenance article

[AppNeta Service Details](#)

Technical Documentation, (5 minutes), Free
Review the following sections within the article:

- AppNeta On-Prem Upgrades
- Data retention and roll-up

3. Exam Objectives

Exam objectives as they map to related courseware and the body of knowledge, including percentage of exam devoted to topics.

Exam Objectives	Content
Understand AppNeta Terminology (5%)	AppNeta General Content (Intro to AppNeta, Intro to AppNeta Results, AppNeta Overview) <ul style="list-style-type: none"> Differentiate between Delivery, Experience, and Usage monitoring in AppNeta
Manage Organizations, Users, and User Permissions in AppNeta (5%)	AppNeta General Content (AppNeta Platform Fundamentals, AppNeta Overview) <ul style="list-style-type: none"> Parent and Child Organizations User roles and permissions
Select an Appropriate Monitoring Strategy in AppNeta (5%)	AppNeta General Content (Scenario Monitoring Guides, Deployment Best Practices) <ul style="list-style-type: none"> Recommended monitoring strategy for various use cases
Install and Manage AppNeta Monitoring Points (25%)	Monitoring Points Content <ul style="list-style-type: none"> Deployment options and common use cases Feature support by model Install Monitoring Points Troubleshoot connectivity to AppNeta Managing Monitoring Point upgrades
Configure Delivery for Network Monitoring in AppNeta (10%)	Delivery Monitoring Content <ul style="list-style-type: none"> Feature support by Monitoring Point model Network Path creation and path settings Path Template groups Network path routes Path tags Firewall requirements Delivery alerts, time ranges Troubleshooting path creation

Exam Objectives	Content
Configure Experience for Web App Monitoring in AppNeta (10%)	Experience Monitoring Content <ul style="list-style-type: none"> ● Feature support by Monitoring Point model ● Web App Group and web path creation ● Path tags ● Browser and HTTP workflows ● Selenium scripting ● Resolving common script issues ● Multi-Factor Authentication support ● Experience alerts
Configure Usage for Traffic Analysis in AppNeta (10%)	Usage Monitoring Content <ul style="list-style-type: none"> ● Feature support by Monitoring Point model ● Set up Usage and start capture ● Traffic direction ● Usage alerts ● Custom applications ● Troubleshooting an inactive capture interface ● Packet Capture
Configure Alert Thresholds & Notifications in AppNeta (10%)	Alerts and Notifications Content <ul style="list-style-type: none"> ● Types of alerts ● Understanding alert volume ● Configuring and fine-tuning alert profiles ● Configuring notifications
Configure Dashboards and Reports in AppNeta (15%)	Dashboards and Reports Content <ul style="list-style-type: none"> ● Create, customize, interpret dashboards and reports ● Network and Web App Violation Summary dashboards ● Application Quality dashboard ● Current Network Violation Map dashboard ● Web App Performance dashboard ● Service Quality report ● Performance Overview report ● Application Quality report ● Data and Voice Performance Comparison reports ● Location Bandwidth Quality report
Understand AppNeta On-Prem (5%)	AppNeta On-Prem Content <ul style="list-style-type: none"> ● Differences from AppNeta SaaS ● Deployment options ● External connections and maintenance access

4. Sample Certification Exam Questions

These sample questions are very similar to the questions in the actual exam. All questions have one correct option. **Answers are on the last page.**

Questions	Options
<p>Question 1: Which component of AppNeta provides the ability to see historic routes taken by production traffic?</p>	<ul style="list-style-type: none"> A. Delivery B. Experience C. Usage
<p>Question 2: You want to centrally manage user access to your AppNeta SaaS organization and decide to set up SAML-based SSO. Which of the following steps is Broadcom's responsibility?</p>	<ul style="list-style-type: none"> A. Generate the Identity Provider's SAML metadata file B. Decide which AppNeta organizations should use SSO C. Choose a keyword for the custom sign-on URL D. Generate the AppNeta SAML metadata file
<p>Question 3: Your company has adopted a hybrid work environment where employees have the flexibility to work from an office or from home. When an employee reports a performance issue, you want to be able to quickly pinpoint (or rule out) the health of their internet connection, regardless of where they work from on a given day. What is the best approach in AppNeta for your use case?</p>	<ul style="list-style-type: none"> A. Network paths from Native Monitoring Points on user workstations to a Global Monitoring Target B. Network paths from Global Monitoring Points to a Global Monitoring Target C. Web paths from Native Monitoring Points on user workstations test HTTP connectivity to a web application D. Web paths from Global Monitoring Points load a web application in a browser
<p>Question 4: Which Monitoring Point models support VLAN tagged interfaces?</p>	<ul style="list-style-type: none"> A. Hardware Monitoring Points only B. Container-based Monitoring Points only C. Hardware, Container-based, and Virtual Monitoring Points D. Hardware, Virtual, and Global Monitoring Points
<p>Question 5: You have AppNeta Native Monitoring Points deployed on end user workstations running macOS. What is the result if an end-user quits the menu bar app?</p>	<ul style="list-style-type: none"> A. The Monitoring Point is uninstalled, and all monitoring data is deleted B. All monitoring from the workstation is disabled until the app is restarted C. Automatic software updates are disabled until the app is restarted D. All monitoring and automatic software updates are disabled until the app is restarted

Questions	Options
<p>Question 6: You want to compare network performance between an office and a datacenter over two networks at the same time.</p> <p>You know that:</p> <ul style="list-style-type: none"> • Hardware Monitoring Points are installed at both the office and in the datacenter • Both networks are in the same security zone • The switch at the office only has one available network port <p>What approach could you take to set up network paths in Delivery to monitor both networks?</p>	<ul style="list-style-type: none"> A. Install two Monitoring Points at the office B. Configure VLAN tagged interfaces C. Configure a second physical interface D. Configure a wireless interface
<p>Question 7: You are creating dual-ended network paths in Delivery to monitor a QoS queue. You have already created a custom alert profile that will violate when QoS is altered by the network. When customizing the network path settings, you notice your custom alert profile is missing from the picklist. Why isn't the alert profile in the list?</p>	<ul style="list-style-type: none"> A. A QoS template was not selected in the path settings B. The connectivity test was skipped when specifying the path targets C. No QoS queue was detected during the connectivity test D. QoS templates are not supported for dual-ended paths
<p>Question 8: In the Experience component, you are setting up a Web App Group with a browser workflow to simulate a user logging into, then out of a web app. Occasionally a pop-up must be dismissed in the app between the login and logout actions. Which command do you use to dismiss the pop-up when it appears?</p>	<ul style="list-style-type: none"> A. click B. clickAndWait C. assertAlertPresent D. clickIfVisible
<p>Question 9: You have configured a Web App Group in Experience to monitor a web application from several locations. When you load the timeline to review results for a web path, you notice that the DNS chart is missing.</p> <p>You know that:</p> <ul style="list-style-type: none"> • The Web App Group uses an HTTP workflow targeting a fully-qualified domain name (FQDN) • All web paths in the Web App Group are sourced from Container-based Monitoring Points • The DNS chart is missing from all paths in the Web App Group <p>Why is the DNS Chart missing from the path?</p>	<ul style="list-style-type: none"> A. HTTP workflows do not support DNS monitoring in Experience B. Container-based Monitoring Points do not support DNS monitoring in Experience C. DNS name servers are not properly configured for the Monitoring Point interfaces D. AppNeta was unable to resolve the domain name

Questions	Options
<p>Question 10: You discover an inactive capture interface in the Usage component of AppNeta. You observe that:</p> <ul style="list-style-type: none"> Monitoring Point Status is a green checkmark Model is r90 rackAppliance 24-hour traffic rate timeline contains no data Most recent traffic rate is 'Obps' Start button is disabled Stop button is enabled <p>Why is the capture interface inactive?</p>	<ul style="list-style-type: none"> A. Flow Analysis is stopped B. The Monitoring Point is not connected to AppNeta C. The Monitoring Point is not receiving traffic on the capture interface D. The Monitoring Point model does not support Usage monitoring
<p>Question 11: Which AppNeta alerts can be temporarily muted while continuing to monitor performance?</p>	<ul style="list-style-type: none"> A. Delivery alerts (network paths) B. Experience alerts (web paths) C. Usage alerts (traffic analysis) D. Delivery and Experience alerts
<p>Question 12: Intermittent data loss is observed on a network path in Delivery. Eight alerts are triggered (four violation events and four clear events) in less than 45 minutes. You know that the alert profile:</p> <ul style="list-style-type: none"> Violates when data loss is 1% or higher for 2 mins Clears when data loss is less than 1% for 2 mins <p>What is the best approach to reduce alert volume while still alerting that data loss was observed?</p>	<ul style="list-style-type: none"> A. Increase data loss threshold (%) B. Increase the time to violate (minutes) C. Increase the time to clear (minutes) D. Use time ranges to apply different thresholds at different times of day
<p>Question 13: In the Location Bandwidth Quality Report, when configuring an Office for a location with an asymmetric link, which would make a better reference path?</p>	<ul style="list-style-type: none"> A. Dual-ended network path B. Single-ended network path C. Browser web path D. HTTP web path
<p>Question 14: Four network paths are aggregated into one line on a Current Network Violation Map. What color is the line if the current path statuses are: OK (green), Disabled (grey), Violated (red), OK (green)</p>	<ul style="list-style-type: none"> A. Black B. Red C. Green D. Grey
<p>Question 15: What is the first step to obtain an AppNeta On-Prem upgrade?</p>	<ul style="list-style-type: none"> A. Enable the remote maintenance tunnel in the AppNeta On-Prem portal B. Click the Upgrade Now button in the AppNeta On-Prem portal C. Download the latest release from the Broadcom Support portal D. Broadcom Support will coordinate a maintenance window

Answers

Question 1 = A

Question 2 = D

Question 3 = A

Question 4 = C

Question 5 = C

Question 6 = B

Question 7 = A

Question 8 = D

Question 9 = B

Question 10 = C

Question 11 = B

Question 12 = C

Question 13 = A

Question 14 = B

Question 15 = D