



250-420: Symantec VIP Technical Specialist

Study Guide v. 1.0

Exam Description

Candidates can validate technical knowledge and competency by becoming a Broadcom Technical Specialist (BTS) based on your specific area of Symantec technology expertise. To achieve this level of certification, candidates must pass this proctored BTS exam that is based on a combination of Symantec training material, commonly referenced product documentation, and real-world job scenarios.

This exam targets IT Professionals using the Symantec VIP product in a Security Operations role. This certification exam tests the candidate's knowledge on how to install, configure and administer Symantec <Product Name>.

Recommended Experience

It is recommended that the candidate has at least 3-6 months experience working with Symantec VIP in a production or lab environment.

Study References

Instructor Led

<https://www.broadcom.com/support/symantec/services/education>

Validation and ID Protection (VIP) Service R1 (Self-Paced)

- IAS Intro R1: Introduction to Identity and Authentication
- IAS Intro R1: Introduction to Symantec Identity and Authentication Services
- VIP R1: Select the Appropriate VIP Strong Authentication Method
- VIP R1: Plan and Implement the Symantec VIP Service
- VIP R1: Secure VPN and Remote Access Using RADIUS and VIP Strong Authentication
- VIP R1: Improve Web Application Security with Multi-Factor Authentication
- VIP R1: Review of the Symantec VIP Service

Documentation

<https://support.broadcom.com/security>

- Enterprise Gateway 9.8 Installation and Configuration Guide
- Enterprise Gateway 9.8 Release Notes
- Juniper SA VPN Integration Guide
- Integrating VIP Login
- Integrating Intelligent Authentication: Member Site Guide
- Integrating Intelligent Authentication: Enterprise Integration Guide
- VIP Release Notes 2016-2

Symantec Websites

- [Symantec VIP Landing Page](#)

Exam Objectives

The following tables list the Broadcom Certification exam objectives for the exam and how these objectives align to the corresponding Symantec course topics and their associated lab exercises as well as the referenced product documentation.

Candidates are encouraged to complete applicable lab exercises as part of their preparation for the

exam. For more information on the Broadcom Certification Program, visit

<https://www.broadcom.com/support/symantec/services/education/certification>.

Introduction to Identity and Authentication

Exam Objectives	Applicable Course Content
Describe the drivers for strong authentication	Validation and ID Protection (VIP) Service R1 Course <ul style="list-style-type: none"> Module: Introduction to Symantec Identity and Authentication Services
Describe the key use cases and/or applications of the Symantec VIP service	

Select the Appropriate VIP Strong Authentication Method

Exam Objectives	Applicable Course Content
Describe the different multi-factor authentication methods provided by VIP.	Validation and ID Protection (VIP) Service R1 Course <ul style="list-style-type: none"> Module: Select the Appropriate VIP Strong Authentication Method
Describe the key use cases and/or applications of the Symantec VIP service	

Plan and Implement the Symantec VIP Service

Exam Objectives	Applicable Course Content
Given an incomplete diagram, whiteboard the VIP Cloud Service architecture	Validation and ID Protection (VIP) Service R1 Course <ul style="list-style-type: none"> Module: Plan and Implement the Symantec VIP Service
Given a scenario based on any given lifecycle operation, determine how to perform the appropriate task	
Describe the different multi-factor authentication methods provided by VIP	

Secure VPN and Remote Access Using RADIUS and VIP Strong Authentication

Exam Objectives	Applicable Course Content
Given a scenario, describe how to properly integrate Symantec VIP with Remote Access	Validation and ID Protection (VIP) Service R1 Course <ul style="list-style-type: none"> Module: Secure VPN and Remote Access Using RADIUS and VIP Strong Authentication
Explain the methods of securing a remote access solution	

Improve Web Application Security with Multi-Factor Authentication

Exam Objectives	Applicable Course Content
Given a scenario, describe how to properly integrate Symantec VIP with Remote Access	Validation and ID Protection (VIP) Service R1 Course <ul style="list-style-type: none"> Module: Improve Web Application Security with Multi-Factor Authentication

Sample Exam Questions

Review the following sample questions prior to taking an exam to gain a better understanding of the types of questions asked.

- Which authentication option is an example of something you know?**
 - CAPTCHA
 - One Time Password Token
 - Printed Grid Card
 - PKI Certificate
- Which authentication option is an example of something you have?**
 - SiteKey
 - SSL
 - Challenge Question
 - CAPTCHA
- What is the purpose of the VIP Enterprise Gateway?**
 - An interface to configure services and report on usage
 - An interface for users to manage their credentials, VIP Login Pins, and Trusted Devices
 - An interface to provide authentication services and bridge local user directories to the Symantec VIP Service
 - An interface to implement groups that can be used to synchronize the organization's directory

4. **What is the purpose of the VIP Manager Portal?**
 - A. An interface for administrators to manage user credentials, configure services, and report on usage
 - B. An interface for users to manage their credentials, VIP Login Pins, and Trusted Devices
 - C. An interface to provide authentication services and bridge local user directories to the Symantec VIP Service
 - D. An interface to implement groups that can be used to synchronize the organization's directory

5. **What RADIUS feature is used to prevent UDP traffic from traversing the perimeter network to the enterprise's back-end network?**
 - A. Delegation
 - B. Tunnel Forwarder
 - C. Gateway
 - D. VPN

6. **What VIP Enterprise Gateway setting enables VIP Authentication services to send temporary security codes using out-of-band methods with any RADIUS validation server?**
 - A. Enable Enterprise Login ID Mapping
 - B. Use VIP Login Challenge/Response
 - C. Enable OOB Push Codes
 - D. Use RADIUS Access-Challenge Mode Validation

7. **Where is LDAP Synchronization configured?**
 - A. VIP Manager
 - B. VIP LDAP Plugin
 - C. VIP Service
 - D. VIP Enterprise Gateway

8. **What VIP Validation Server feature must be enabled to support VIP Access Push notifications?**
 - A. Access-Challenge mode
 - B. Out-of-Band Security Codes
 - C. Mobile Push Authentication
 - D. Validation Tunneling

9. **How are Validation servers limited when Business Continuity mode is enabled?**
- E. Only administrators can authenticate
 - F. All authentication is blocked until VIP Authentication Services are restored
 - G. OTP Security Codes are not processed
 - H. Authentication is only allowed after 1st and 2nd factor is validated
 - I.
10. **Which is the most common method for integrating VIP with mobile applications?**
- A. VIP Credential Development Kit
 - B. SAML
 - C. VIP JavaScript
 - D. VIP Intelligent Authentication

Sample Exam Answers:

- 1. A
- 2. B
- 3. C
- 4. A
- 5. B
- 6. D
- 7. D
- 8. C
- 9. C
- 10. A