

## Symantec Validation and Identity Protection Service v1

### Course Summary

#### Description

The Symantec Validation and Identity Protection (VIP) Service v1 course is designed for the IT security professional needing to develop an understanding of the principles and use cases behind the Symantec VIP Service. This class covers how to prepare and plan for implementing the Symantec VIP Service using a fictional Trusted Bank organization emulating real life scenarios. This course will help you understand and apply VIP strong authentication integration to provide multifactor authentication to applications.

#### Objectives

After taking this course, students will be able to:

- Describe the various VIP Service components and the need for strong authentication.
- Plan and deploy the VIP Service architecture components in an enterprise environment.
- Configure the VIP Service to provide strong authentication for applications using RADIUS, VIP Login (SAML), VIP JavaScript, and VIP 3rd Party Plugins.
- Understand the developer integration options for applications that require development for integration using the VIP Web Service API's and Mobile Credential Development Kit.

#### Topics

- Introduction to Identity and Authentication
- Introduction to Symantec Identity and Authentication Services
- Selecting the Appropriate VIP Strong Authentication Method
- Plan and Implement the Symantec VIP Service
- Secure VPN and Remote Access using RADIUS and VIP Strong Authentication
- Enhance Web Applications with VIP Strong Authentication
- Review of the Symantec VIP Service

#### Audience

This course is for anyone who is charged with the installation, configuration, and day-to-day management of the Symantec VIP Service.

#### Prerequisites

Before taking this course, you must have working knowledge of Windows and Linux operating systems, LDAP-based user identity stores, HTML, and network security concepts.

Though not required, to get the most out of this course, you should also have a mobile device – preferably one with biometric capabilities.

#### Duration

Two days

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### Course Outline

- I. Introduction to Identity and Authentication**
  - A. What is Identity and Authentication
  - B. Traditional Authentication and its Faults
  - C. Ways to Enhance Authentication
  - D. Choosing the Best Authentication Method
- II. Introduction to Symantec Identity and Authentication Services**
  - A. Identity and Authentication with Symantec
  - B. Choosing the Right Authentication Solution
- III. Selecting the Appropriate VIP Strong Authentication Method**
  - A. Drivers for Strong Authentication
  - B. Methods for Enabling Strong Authentication
  - C. Understanding the Symantec VIP Service
  - D. Symantec VIP Credential Options
  - E. Selecting Symantec VIP Credentials
- IV. Plan and Implement the Symantec VIP Service**
  - A. Architecture of the Symantec VIP Service
  - B. Planning a Deployment of the Symantec VIP Service
  - C. First Steps with VIP
  - D. Deploying the VIP Enterprise Gateway
  - E. Maintaining the Symantec VIP Service
- V. Secure VPN and Remote Access using RADIUS and VIP Strong Authentication**
  - A. Remote Access Methods
  - B. RADIUS Protocol Basics
  - C. VIP Validation Servers
  - D. Deploying Symantec VIP Validation Servers
- VI. Enhance Web Applications with VIP Strong Authentication**
  - A. Mechanisms for Integrating Symantec VIP into Web Applications
  - B. Using Symantec Supplied Integrations to Enable VIP with Web Applications
  - C. Using Custom Development to Integrate Symantec VIP into Applications
- VII. Review of the Symantec VIP Service**
  - A. How Symantec VIP can be Used to Provide Multi- Factor Authentication
  - B. Symantec VIP Architecture and Deployment Models
  - C. VIP Lifecycle Operations with VIP Manager