

# Ping Identity - PingAccess Administration

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**Course Number: PA-400**

**Duration: 2 days**

## Overview

### Course Description

PingAccess as a policy server to protect both web applications and APIs. After completing this course, you will know how to configure PingAccess in both a gateway and agent model, and configure different types of policies that PingAccess offers.

### Skills Gained

Upon completion of this course, you should be able to:

- Discover how to configure PingAccess as a reverse proxy, and connect PingAccess to a token provider (PingFederate)
- Configure PingAccess as a Reverse Proxy
- Configure policies in PingAccess to further bolster administration capabilities

### Who Can Benefit

The target audiences for this course include:

- PingAccess Administrators
- PingAccess Developers

## Prerequisites

Completion of the following courses:

- Introduction to PingAccess
- Getting Started With PingAccess
- Introduction to PingFederate
- Getting Started With PingFederate

## Audience

### Course Details

#### Chapter 1: Configuring and Connecting PingAccess

Discover how to configure PingAccess as a reverse proxy, and connect PingAccess to a token provider (PingFederate).

##### Lesson 1: Configuring PingAccess as a Reverse Proxy (Gateway Model)

Describe how to configure PingAccess as a reverse proxy (gateway model):

- Introduce the gateway model
- Enable PingAccess as a reverse proxy
- Configure PingAccess resources and rewrite rules

##### Lesson 1: Configuring PingAccess as a Reverse Proxy (Gateway Model)

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##### Lesson 2: Connecting PingAccess to a Token Provider (PingFederate)

Describe the responsibilities of token providers and how to configure PingAccess to use PingFederate as a token provider:

- Introduce token providers
- Configure OAuth2 in PingFederate
- Configure PingAccess using the gateway model

## Chapter 2: Configuring PingAccess Applications, Agents, and Sites

Configure PingAccess as a Reverse Proxy.

### Lesson 1: Protecting Web Apps

Describe how to protect web apps by configuring them with PingAccess and OpenID Connect (OIDC):

- Define the OIDC protocol
- Introduce web sessions
- Create a web session using OIDC claims

### Lesson 2: Working With Sites

Create identity mappings and advanced web session:

- Create identity mappings and advanced web sessions

### Lesson 3: Working With Rules and Policies

Describe how to work with rules and policies within PingAccess:

- Describe the rules and policies process
- Create web access rules
- Create API access control rules

## Chapter 3: Configuring Policies and Administration

Configure policies in PingAccess to further bolster administration capabilities.

### Lesson 1: Maintaining PingAccess

Discuss how to maintain PingAccess through resources, audit logs, and redirection:

- Dive deeper into resources
- Examine audit logs
- Manage redirection

### Lesson 2: Configuring PingAccess as a Policy Server (Agent Model)

Configure PingAccess to be a policy server by implementing the agent model:

- Introduce the agent model

### Lesson 3: Optimizing and Configuring PingAccess

Optimize PingAccess through configuration, single sign-on (SSO), and the admin API:

- Implement improvements
- Enable PingAccess administrator SSO
- Use the PingAccess administrative API
- Increase the JVM Heap Size

## **Lesson 4: Creating PingAccess Clusters**

Create PingAccess clusters to increase resilience and simplify procedures:

- Deploy clusters
- Configure simple clusters in PingAccess (Optional)