

PingFederate Advanced Administration

Summary

This course steps the learner through various advanced PingFederate administration topics, such as configuring memory options for PingFederate, logging to a database server, configuring certificate revocation checking and certificate rotation, configuring self-service features of the HTML Form Adapter, identity provider (IdP) to service provider (SP) bridging, clustering with dynamic discovery, and more.

Duration: 3 Days

Prerequisites

The following are the prerequisites for successfully completing this course:

- Completion of the PingFederate Administration course, or
- Equivalent experience with PingFederate

Topics

Day 1: Course Introduction

- Server Administration
- Configuring JVM memory options
- Configuring virtual host names
- Certificate based console administration
- Lab 1: Configuring OIDC-based console single sign-on (SSO)

PingFederate logging

- Customizing audit logs
- The log4j2.xml file
- Logging to an external database
- Lab 2: Logging with PingFederate
- Certificates
- Certificate revocation checking
- Certificate rotation

Day 2:

- HTML Form Adapter Self-Service Features
 - Password spray and account lockout prevention
 - Self-service password change
 - Self-service password reset
 - Self-service username recovery
 - Lab 3: HTML Form Adapter self-service options
- HTML Form Adapter Self-Registration
 - Customer IAM with local identity profiles
 - Self-registration with local identity profiles
 - Self-registration using third-party IdPs
 - Lab 4: HTML Form Adapter customer registration
- Advanced Attribute Mapping
 - Using multiple datastores
 - Using REST API as a datastore
 - Extended properties
 - PingDirectory virtual attributes
- SSO Connections
 - Customizing SSO URLs
 - SP target URL mapping
 - IdP-to-SP bridging
 - Session management
 - Lab 5: SSO connections

Day 3:

- Federation Hub
 - Bridging an IdP to an SP
 - Bridging an IdP to multiple SPs
 - Bridging multiple IdPs to an SP

- Bridging multiple IdPs to multiple SPs
- OAuth2 and OIDC
 - Dynamic client registration
 - Using directories for persistent grant storage
 - Creating and managing OIDC profiles
 - Lab 6: Configuring OIDC profiles
- Clustering
 - Cluster protocol architecture
 - Runtime state management architecture
 - Adaptive clustering
 - Directed clustering
 - Dynamic discovery
 - Cluster replication
 - Lab 7: Clustering
- Troubleshooting
 - SSO issues
 - OAuth2 issues
 - Certificate issues