

Training: OpenEdge Security Training

Course Duration

Full training takes 4 days, one main topic a day. The days are scheduled over a period of 6-8 weeks. On the day, we have an introduction agenda followed by several online instruction sessions. After each, you work on the exercises. At the end of the day, we do an evaluation.

Audience

People developing and deploying OpenEdge-based business applications who are interested in improving the security.

Description

This course revolves around OpenEdge security implementation for applications. Broken down by workshop, each topic starts with an introduction and discusses best practices to implement all the needed security elements. Exercises are given at the end of each workshop to implement the security into an application.

Agenda

Security Topic

First day

Implementing the Client-Principal Object into an OpenEdge application

- Setting up identity and security management into the databases
- Creating a security database for authentication and authorization
- Domain access for application server, LDAP and OS domains
- Implementing security services class
- Implementing the CP into the PASOE session procedures

Second day

Implementing OpenEdge Auditing. Tracing who accessed and altered application data at what time. Setting up database and OpenEdge auditing.

- Audit privileges
- Database events
- Application events

- Login session events
- Configure audit policies
- Managing OpenEdge auditing and reporting

Third day

Implementing OpenEdge Authentication Gateway

- Enabling OpenEdge databases to use the authentication gateway
- Using server key and digital certificate on the OEAG
- Using named domains
- Using roles for authorization
- Encrypting passwords
- Adding auditing and policies
- Implementing LDAP and OERealm

Fourth day

PAS for OpenEdge Spring Security

- Introduction to the (default) PASOE Spring framework
- Exploring authentication and authorization
- Using the Client-Principal object
- Troubleshooting with log settings
- Implementing LDAP
- Implementing SSO
- Implementing OERealm
- Implementing STS
- Enterprise Auth Providers
 - Concept of SAML
 - Concept of OAuth

Prerequisites

Good working knowledge of OpenEdge products and ABL programming.

Requirements

Workstation able to make remote desktop connection.
Webcam and audio support

Contact us at education@progress.com or visit our website progress.com/services/education