

Course title

OpenEdge Database Performance Tuning: OpenEdge 12 Course

Course duration

Equivalent to 20 hours of instructor-led training

Audience

OpenEdge Database Administrators

Description

In today's business environment, Progress OpenEdge databases are required to be running 24x7. They are also becoming larger and more complex. As an OpenEdge database administrator, you are responsible for making your OpenEdge databases perform at their peak.

In this course, you learn how to design, configure, monitor, and tune an OpenEdge database for optimal performance. First, you are introduced to OpenEdge database performance tuning. Next, you learn how to design and configure a database for optimal performance. Then, you learn how to monitor and tune different aspects of a running database such as shared memory resources, before-image I/O, database I/O, after-image I/O, network communication, and indexes. Finally, you learn about performance guidelines for advanced database options, such as OpenEdge Replication, OpenEdge Transparent Data Encryption, OpenEdge Multi-tenancy, and OpenEdge Table Partitioning.

The materials that you receive with this course include a Course Guide, which includes hands-on lab exercises and step-by-step solutions, and a CD with example code and exercise files with solutions.

This course is also available online with a subscription to the [Progress Education Community](#).

Version compatibility

This course is compatible with OpenEdge 12.8.

What you will learn

After taking this course, you should be able to:

- Describe Progress OpenEdge database performance tuning.
 - Design a database for performance.
 - Configure a database for performance.
 - Tune shared memory resources.
 - Tune before-image I/O.
 - Tune database I/O.
 - Tune after-image I/O.
 - Tune network communication.
 - Tune indexes.
 - List performance guidelines for advanced database options.
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Prerequisites

Before you begin this lesson, you should meet the following prerequisites:

- Administer Progress OpenEdge databases.
 - Use Progress OpenEdge ABL programs to perform administrative tasks (optional).
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