



What's New in OpenEdge Command Center

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OpenEdge Command Center: What's New in OpenEdge Command Center: Version 2.0

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Preface

Purpose

This book briefly describes both new features and changes to existing features introduced in this release of OpenEdge Command Center, and directs you to the product documentation, where you can find more detailed information about these changes.

Audience

This book is primarily intended for OpenEdge administrators who are using OpenEdge Command Center to monitor their OpenEdge environment.

Organization

- [What's New in OpenEdge Command Center 1.3](#) on page 15
Describes the new features and other updates delivered in OpenEdge Command Center Release 1.3.
- [What's New in OpenEdge Command Center 1.2](#) on page 17
Describes the new features and other updates delivered in OpenEdge Command Center Release 1.2.

Documentation conventions

See [Documentation Conventions](#) for an explanation of the terminology, format, and typographical conventions used throughout the OpenEdge content library.

Learn about OpenEdge Command Center

OpenEdge Command Center is a cloud-ready OpenEdge management console capable of managing multiple OpenEdge resources and installations across various machines and versions of OpenEdge.

OpenEdge Command Center features the latest UI and UX technologies. Currently, OpenEdge Command Center is built to effectively manage PAS for OpenEdge instances and OpenEdge databases. It simplifies the administrative overhead by introducing lightweight agents and a centralized server, and it is designed to be highly available and extremely reliable.

OpenEdge Command Center uses open standard APIs to rapidly serve your integration use cases and provide timely information in a modern and easy-to-use interface. Intuitively designed, OpenEdge Command Center can be accessed with modern desktop or tablet-based web browsers allowing for a secure connection regardless of your platform.

To support your custom business needs for application integration and access, OpenEdge Command Center uses OpenAPI v3.0 REST APIs accompanied with interactive Swagger documentation to help you add your own resources along the way.

What's New in OpenEdge Command Center 2.0



OpenEdge Command Center 2.0 delivers the following enhancements:

- [Install OpenEdge Command Center Server with Automatic MongoDB Setup](#) on page 12
- [Manage User Access with Authorization Server](#) on page 12
- [Establish Secure Connections using Mutual TLS Authentication](#) on page 12
- [View Schema, Users, and Roles of a Selected Database](#)
- [Edit the ABL Application configuration](#) on page 13
- [Deploy an ABL Application using OpenEdge Application Archive File](#) on page 13
- [Usability Enhancements for OpenTelemetry Metrics of OpenEdge Resources](#) on page 14

For details, see the following topics:

- [Install OpenEdge Command Center Server with Automatic MongoDB Setup](#)
- [Manage User Access with Authorization Server](#)
- [Establish Secure Connections using Mutual TLS Authentication](#)

- [View Schema, Users, and Roles of a Selected Database](#)
- [Edit the ABL Application configuration](#)
- [Deploy an ABL Application using OpenEdge Application Archive File](#)
- [Usability Enhancements for OpenTelemetry Metrics of OpenEdge Resources](#)

Install OpenEdge Command Center Server with Automatic MongoDB Setup

System Administrators and Application Administrators can now install the OpenEdge Command Center server without requiring to manually download and configure MongoDB. In addition, the installer now provides enhanced, intuitive installation screens that guide you through the setup process with minimal effort.

Previously, Administrators had to manually download and install MongoDB before setting up the OpenEdge Command Center server, which created unnecessary overhead in the installation process.

This feature simplifies the installation process and provides a quicker and more reliable installation experience.

For more information, see "Install and configure the OpenEdge Command Center server" and "Troubleshoot installation and configuration issues for OpenEdge Command Center server and agent" in *Use the OpenEdge Command Center*.

Manage User Access with Authorization Server

A new component called the Authorization server is introduced in OpenEdge Command Center to manage user access. The Authorization server manages user access to the OpenEdge Command Center server, the OpenEdge Command Center agent and its managed resources, including PAS for OpenEdge instances and OpenEdge databases, and the Authorization server itself, using Role-Based Access Control (RBAC). RBAC determines access to the OpenEdge Command Center components based on assigned roles.

The Authorization server also provides user and role management capabilities. You can create users and assign and remove roles for accessing OpenEdge Command Center components using the Authorization server REST APIs.

For more information, see "Authorization server" and "Create users and manage roles using Authorization server" in *Use the OpenEdge Command Center*.

Establish Secure Connections using Mutual TLS Authentication

All the OpenEdge Command Center components, such as the server, agent, and Authorization server, now communicate over HTTPS only, ensuring transport-level security. Also, OpenEdge Command Center now supports mutual TLS authentication, which validates the identities of both parties involved in communication, so that each party is trusted by the other.

To implement mutual TLS authentication, trusted root CA-signed certificates presented by both parties are verified before establishing a secure connection. So, OpenEdge Command Center provides default certificates to all its components. Alternatively, you can provide them with signed certificates, as described in [Configure mutual TLS authentication](#). If any certificate lacks proper hostname information, you can bypass the hostname validation by disabling the newly-added `nohostverify` property. Any failures during the mutual TLS authentication process are recorded in the log files.

View Schema, Users, and Roles of a Selected Database

System Administrators and Database Administrators can now use OpenEdge Command Center to view the schema, users, and system-defined roles information of a running OpenEdge database.

By logging into the selected database from OpenEdge Command Center, they can view these details:

- Schema: Includes tables and columns
- Users: Includes usernames and their associated roles
- System-defined roles: Includes created by, type, and description associated with each role.

For more information, see "View schema, users, and roles of a selected database" in *Use the OpenEdge Command Center*.

Edit the ABL Application configuration

System Administrators and Application Administrators can now view and update the configuration of an ABL application deployed on a PAS for OpenEdge instance. The new **Edit ABL Application** page provides a user-friendly interface to manage configurations, such as MSAgent startup settings, session procedures, logging options, and PROPATH with minimal clicks. Administrators can access the page from either the **PAS for OpenEdge Instances** page or the **ABL Applications** page.

For more information, see "Edit the ABL application" in *Use the OpenEdge Command Center*.

Deploy an ABL Application using OpenEdge Application Archive File

OpenEdge Command Center now supports deployment of the ABL applications and their associated web applications to the PAS for OpenEdge instances using the OpenEdge Application Archive (OEAR) files.

As a System Administrator or Application Administrator, you can deploy the ABL application along with its associated web applications to the PAS for OpenEdge instance in one go by using this new simplified deployment process.. Previously, OpenEdge Command Center supported only WAR file-based deployment.

For more information, see "Deploy ABL application" and "Manage ABL applications" in *Use the OpenEdge Command Center*.

Usability Enhancements for OpenTelemetry Metrics of OpenEdge Resources

The OpenTelemetry (OTel) metric names of OpenEdge resources, PAS for OpenEdge and OpenEdge database, are now standardized based on industry norms.

Previously, the dynamically generated metadata was embedded within metric names, which made it difficult for users to query and filter data in the configured APM tools. Now, the dynamic data is separated into resource-level and metric-level attributes, which makes it easier to query and filter data in the configured APM tool.

Also, a new metric, `instance_running_status`, is introduced, which indicates the operational status of an OpenEdge resource.

For more information, see "OpenTelemetry metrics for OpenEdge database" and "OpenTelemetry metrics for PAS for OpenEdge" in Use the OpenEdge Command Center.

What's New in OpenEdge Command Center 1.3



OpenEdge Command Center 1.3 delivers the following enhancements:

- [Start or Stop OpenEdge Databases](#) on page 15
- [Discover OpenEdge Databases](#) on page 16
- [Manage OpenEdge Database Connections](#) on page 16

For details, see the following topics:

- [Start or Stop OpenEdge Databases](#)
- [Discover OpenEdge Databases](#)
- [Manage OpenEdge Database Connections](#)

Start or Stop OpenEdge Databases

Database Administrators and System Administrators can now start or stop OpenEdge databases using OpenEdge Command Center. The intuitive user interface enables administrators to quickly start the stopped databases or stop the running databases. In addition, they can start or stop multiple databases simultaneously.

For more information, see "Start or stop OpenEdge databases" in *Use the OpenEdge Command Center*.

Discover OpenEdge Databases

In this release, OpenEdge Command Center supports the discovery of running OpenEdge databases, by default. When an OpenEdge Command Center agent is started, it discovers all the running OpenEdge databases on its systems and displays the databases and their connection details.

The **Newly Discovered** panel now displays the discovered databases. From this panel, Database Administrators and System Administrators can quickly start a stopped database by clicking it to open the **OpenEdge Databases** page.

This feature eliminates the need for administrators to manually add OpenEdge database connection details, saving valuable time and effort.

For more information, see "OpenEdge Command Center console dashboard" and "Manage OpenEdge databases" in *Use the OpenEdge Command Center*.

Manage OpenEdge Database Connections

Database Administrators and System Administrators can now manage OpenEdge database connections using OpenEdge Command Center. The intuitive user interface enables Administrators to perform the following tasks:

- Adding a new database connection by specifying details, such as OpenEdge installation, database name, path, port number, and user ID.
- Editing the existing database connections by modifying various details, including labels, port number, user ID, password, and other parameters.
- Removing one or more OpenEdge database connections.

For more information, see "Manage OpenEdge databases" in *Use the OpenEdge Command Center*.

What's New in OpenEdge Command Center 1.2



OpenEdge Command Center 1.2 delivers the following enhancements:

- [Support for OpenTelemetry Metrics](#) on page 18
- [Enhanced PAS for OpenEdge Management](#) on page 18
- [Windows Installer](#) on page 18

For details, see the following topics:

- [Support for OpenTelemetry Metrics](#)
- [Enhanced PAS for OpenEdge Management](#)
- [Windows Installer](#)

Support for OpenTelemetry Metrics

In this release, System Administrators can monitor the performance metrics of the following OpenEdge resources using OpenEdge Command Center agents:

- PAS for OpenEdge
- OpenEdge database

The performance metrics are collected using the OpenTelemetry (OTel) standard, which is a vendor-agnostic and open-source technology. This feature provides system administrators and DevOps Engineers the flexibility to choose an Application Performance Monitoring (APM) platform, such as Elastic APM, Dynatrace, NewRelic, and so on, to monitor the PAS for OpenEdge instances and OpenEdge database, and view the performance metrics. System Administrators can use these metrics to understand performance issues and accordingly tune their OpenEdge resources for optimal performance.

Collecting performance metrics involves installing and configuring the following components:

- OpenEdge Command Center agent
- OpenTelemetry Collector
- Optionally, APM tools

For more information, see "Monitor OpenEdge resources using the OpenEdge Command Center agent" in *Use the OpenEdge Command Center*.

Enhanced PAS for OpenEdge Management

In this release, System Administrators can clone a PAS for OpenEdge instance to quickly create an identical instance for load balancing. The intuitive user interface enables System Administrators to specify details, such as instance name, labels, and OpenEdge installations, for cloning a PAS for OpenEdge instance. In addition, System Administrators can specify the cloned instances to start after they are created and can create up to eight identical PAS for OpenEdge instances in a single clone operation.

For more information, see "Clone a PAS for OpenEdge instance" in *Use the OpenEdge Command Center*.

Windows Installer

In this release, System Administrators can install the OpenEdge Command Center server on the Windows platform using a Windows installer. With this installer, System Administrators can easily install the OpenEdge Command Center server on a Windows machine without performing the manual steps of configuring MongoDB settings and editing several JSON files, which were required while using the ZIP package to install the server. The Windows installer enables the System Administrators to:

- Set up OpenEdge Command Center as a Windows service.
- Set up OpenEdge Command Center for high availability configurations, which helps ensure service availability during planned or unplanned maintenance outages.
- Install OpenEdge Command Center in the silent mode.

For more information, see "Launch the OpenEdge Command Center installer" in *Use the OpenEdge Command Center*.

