

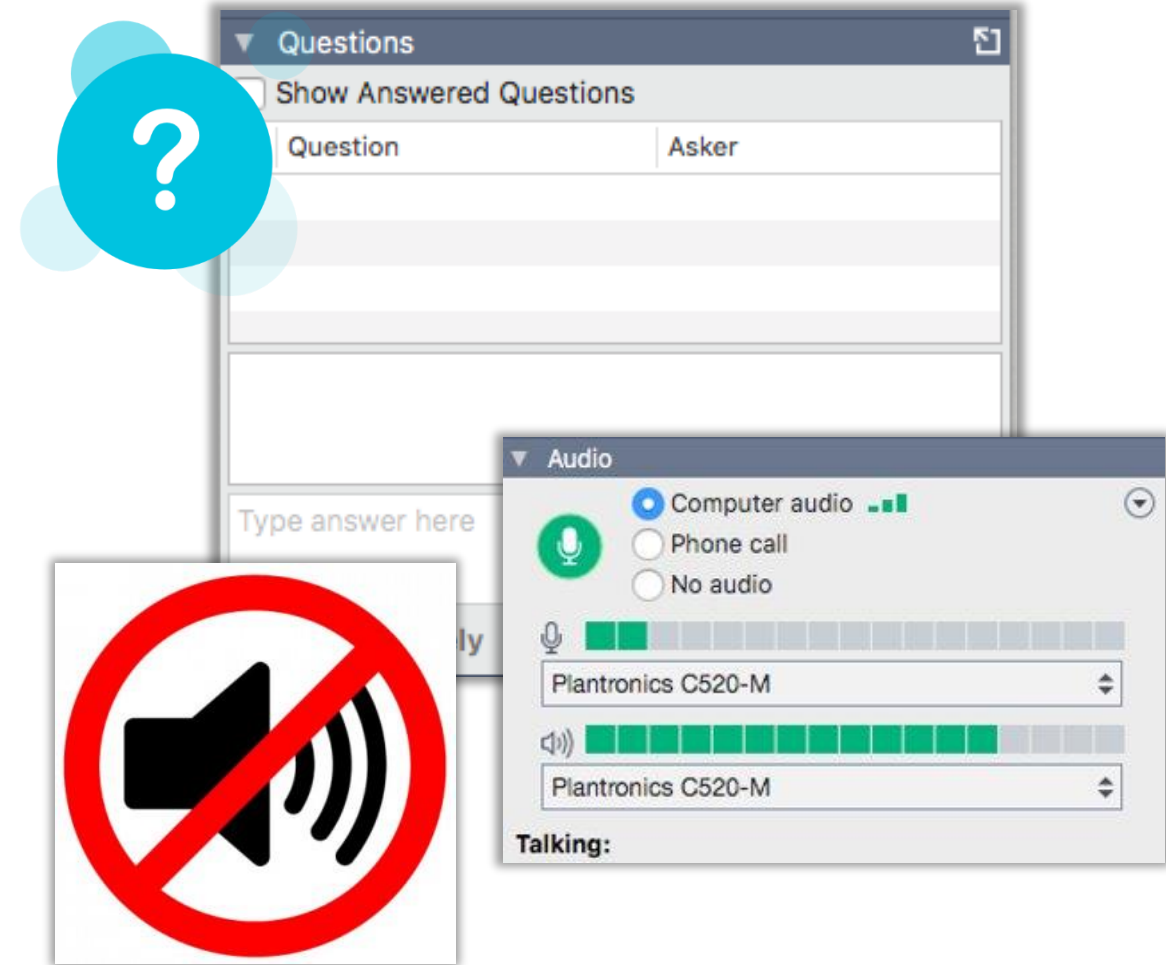


OE12.4: OECC en andere features



Huisregels

- Kunt u ons niet horen? Probeer dan verbinding te maken met computer audio, niet met de audio van uw telefoon.
- Vragen? Gebruik de *question panel* aan de rechterkant van uw scherm.
- Opnemen? De sessie wordt opgenomen.



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- Sr. Sales Engineer
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- Rotterdam



Agenda

- **Wat is er nieuw in OE12.4**
 - ABL features
 - Andere nieuwe features
- **OpenEdge Command Center (OECC)**
 - Visie
 - Deployment architectuur
 - Highlights & Roadmap
 - Demo

OpenEdge Releases

- OE12.0 – Maart 2019
- OE12.1 – September 2019
- OE12.2 – Maart 2020
 - OE12.2.6 – Juli 2021
- OE12.3 – Oktober 2020
- OE12.4 - Juli 2021
- OE12.5 - ~ Februari 2022



Scale to
New Heights

OpenEdge 12.2

DATA SHEET

OE12.4: Wat is er nieuw?





Hmmm hoe
is het hiermee afgelopen?

<disclaimer>

Scoop?!

</disclaimer>

De 32-bit AppBuilder is terug!

- Maar niet als 32-bit OpenEdge Studio licentie
- Als onderdeel van de 4GL Development System Licentie (32-bit)
- Vanaf 12.2.5 en 12.4:
 - https://knowledgebase.progress.com/articles/Product_Alert/OpenEdge-12-2-5-is-Now-Available
 - <https://knowledgebase.progress.com/articles/Article/what-happened-to-the-appbuilder-in-32-bit-12-0>

ABL features

ABL Features

- SAX-READER en SOAP webservices kunnen methoden uit classes gebruiken als callback
- `VAR` statement verbeteringen:
 - Expressies worden ondersteund in `VAR` statement
 - Ondersteuning voor instantiatie en initializatie van een class
 - Instantiatie en initializatie van een array object variabele
- Nieuw `AGGREGATE` statement voor server-side calculaties
 - `COUNT` (integer)
 - `AVERAGE`(decimal)
 - `TOTAL` (decimal)
- Query expressie evaluatie gedragsverandering (!)
 - `-zNoQryExpErrors` voor 'legacy' gedrag

.NET Core support

- .NET OpenClient ondersteunt nu:
 - .NET Framework 4.8
 - .NET Core 3.1
 - .NET Core 5.0
- OpenClient applicaties draaien op .NET platforms
 - Die .NET standard 2.0 targeted libraries ondersteunen
 - Linux .NET Core 3.1
 - Windows .NET Core 3.1
 - Windows .NET Framework 4.8

ABL Service deployment

Een ABL service is een set aan business logica die benaderd kan worden middels een URL pad.

ABL Service Deployment creëert een `.oeds` bestand dat het mogelijk maakt:

- Een ABL service te packagen in één archive bestand
- Eenvoudig je service te deployen naar een PASOE instance
- Snel een custom service te bouwen
- Makkelijk je service te onderhouden en onderdeel te maken van CI/CD processen

Andere nieuwe features

- Verbeterde online schema ondersteuning voor delta.df in Data Dictionary
- **OpenEdge Replication:**
 - TLS communicatie tussen bron- en doeldatabases
 - Geforceerde Replicatie synchronizatie gedurende database shutdown (`PROSHUT -replSync`)
 - Automatische database reconnection met OpenEdge Replication (PASOE)
- Graceful emergency shutdown van een PAS for OpenEdge multi-session agent
- TLS client authenticatie
- Database onderhoudmodus
- Online droppen van een veld (`Drop Field`)
- Online table truncation (als onderdeel van `PROUTIL TABLEMOVE`)



OpenEdge Command Center



Long Term Vision

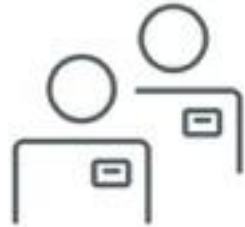
To **modernize** OpenEdge Management **user experience** by offering an ability to configure and administer **PAS for OpenEdge (PASOE)** and **Progress OpenEdge database (OEDB)**.

Additionally, enable OpenEdge administrators to **easily configure security and disaster recovery**, initiate OpenEdge **upgrades and track licenses**.

Support for configuring BYO best-in-class **choice of Application Performance Monitoring (APM) tools** for monitoring Progress OpenEdge applications.

Key Problems Solved by OECC

PERSONA:



System Administrator
Application Administrator

OECC 1.0.0 simplifies the overall management of OpenEdge platform. It's cloud-ready design with latest UI/UX technologies, solves the existing OpenEdge Explorer (OEE) problems like

- Look and feel is dated.
- Remote AdminServer is not a light-weight process, needs 4 ports to be opened
- API's not in Open API standard – the text document at <http://server:9090/oem/api> is difficult to use.
- I do not know what version of OE resources listed and for that I need to drill down to each resource.
- 'Help Me' option for Command action brings generic help, need context sensitive help.

OpenEdge Command Center 1.0.0

OECC built to manage *Progress OpenEdge* effectively with its intuitive user experience, fun to work with features like –

- Optimized for managing complex, high scale, hybrid cloud OpenEdge deployments
- OECC itself is highly available, scalable and reliable
- Low cost of ownership, thanks to intelligent OECC agents
- Supports Browsers running on Tablet/iPad devices, too
- Self-service dashboard
- REST APIs with OpenAPI standards
- Built-in user management for Admin persona
- Supports PAS for OpenEdge (PASOE) Management – Developer/Production licensed servers
 - Discover PASOE Instances
 - Create//Start/Stop/Delete Instances
 - Set properties for a PASOE Instance* (not in CVP ESAP-1 builds)
 - View & Deploy/UnDeploy ABL Apps
- Overall, improved productivity for system admins

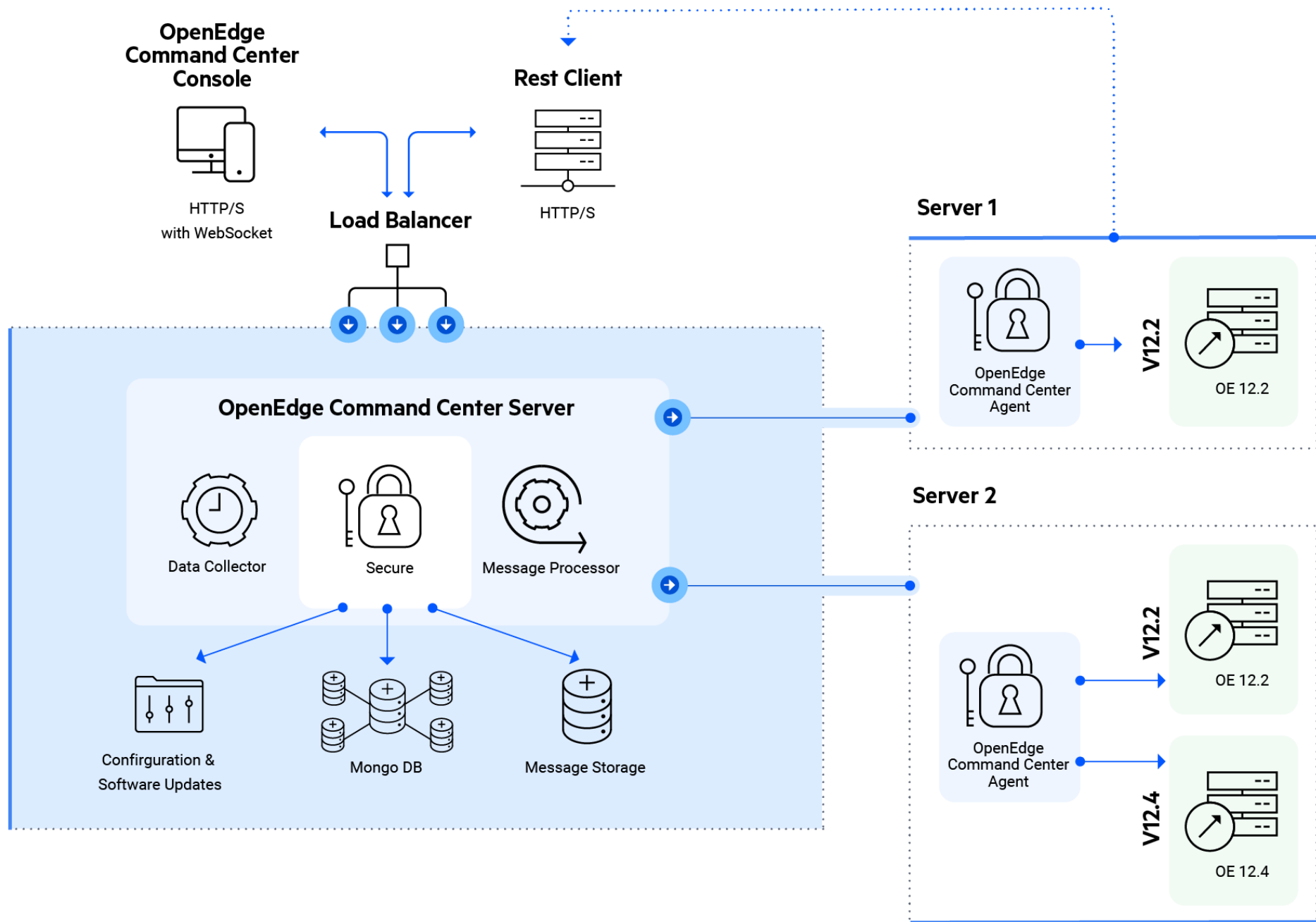
Roadmap

- Incremental Value-add for PASOE management
- User Roles, User Preferences
- OpenEdge Database Management
- OpenEdge Install Management
- SSO/ADFS support
- Advanced Configuration management

Supported Platforms

- Browsers
 - Alle moderne browsers draaiend op computersystemen, Tablet/iPad devices
- OECC Server
 - Linux 64-bit (*plannen om* Windows 64-bit / Container* te ondersteunen)
- OECC Agent
 - Alle 64-bit OS platforms die ondersteund worden door OpenEdge 12.2.x & latere releases
- OECC Configuration DB
 - MongoDB Community Server / Enterprise Edition / ATLAS provisions on AWS, Azure & GCP
- Schaalbaarheid - OECC Server / Database
 - Auto-scale :: Kubernetes !!

Deployment Architecture





Quick Demo

Our #1 Priority – Deliver Software That Meets Customer Expectations



Create idea

For workspace

Name

Description

Categories

Idea visibility

Clear selected items

☒ Configuration and Monitoring Tools

☐ ABL

☐ Application Server

☒ Configuration and Monitoring Tools

☐ DataServers

☐ Development Tools

☐ Installation and Deployment

☐ OpenEdge Database and Add-ons

☐ Other

Choose categories for this idea

Visible to all

Online help for OECC

Progress Information Hub > OpenEdge Command Center Online Help > Learn about OpenEdge Command Center >

Learn about OpenEdge Command Center

All Products Search

Current publication

Updated 06 Apr 2021

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

OpenEdge Command Center features the latest UI and UX technologies. In its first release, OpenEdge Command Center is built to effectively manage PAS for OpenEdge instances and, in the future, databases. It aims to incrementally support everything you need to manage instances. It simplifies the administrative overhead for system administrators 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 user 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.

Contents

Learn about OpenEdge Command Center

OpenEdge Command Center console dashboard

Install and configure OpenEdge Command Center

Install OpenEdge Command Center Agents

How to

Documentatie

Referenties

■ New in OE12.4

- **Issues fixed**
<https://docs.progress.com/bundle/openedge-product-notes/page/Issues-fixed-in-OpenEdge-12.4.html>
- **What's new**
<https://docs.progress.com/bundle/openedge-whats-new/page/Whats-New-in-OpenEdge-12.4.html>

■ OpenEdge Command Center

- <https://docs.progress.com/bundle/openedge-command-center-olh/page/Learn-about-OpenEdge-Command-Center.html>



Learn by OpenEdge role



Developer



Database
Administrator



System
Administrator



DevOps Engineer

Learn by OpenEdge category



Get started



Modernize
applications



Automate
Development and

<https://openedge.ideas.aha.io>

Create idea

For workspace

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Clear selected items

☒ Configuration and Monitoring Tools

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☐ Application Server

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