



September 2026

P-053111 - JD Edwards EnterpriseOne Configuration Assistant

Packaging and deploying EnterpriseOne configurations — with
Change Assistant and the web client.

Presented by Frank Jordan • Director, JD Edwards Technology • ERP Suites
JD EDWARDS INFOCUS 2026

ONE PORTABLE ARCHIVE

Tables

OMW Objects

User Defined Codes

Security

Task Views

Versions

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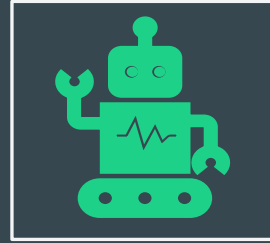


Introduction



Frank Jordan

Director JD Edwards Technology



ERP Suites

Works with ERP Suites Consulting, AI/ML, Cloud and Products divisions for products/services

Over 29 years CNC experience with 350+ customers

AI/ML, Orchestrations, AIS and E1 architecture, performance, troubleshooting experience

Private cloud (ERP Suites), Oracle Cloud, AWS and Azure

Co-author Advanced Tuning for JD Edwards EnterpriseOne Implementations



What Is the Configuration Assistant?

Overview

- A standalone, Java-based tool for JD Edwards EnterpriseOne.
- Extracts a defined subset of configuration into a portable archive (.par file).
- Loads that archive into any other EnterpriseOne environment using Change Assistant — or, from Tools 9.2.9 and later, directly in the web client.
- The configuration database is delivered as XML in Tools Release 8.98 and later.

Built for Repeatability

- Compatible with EnterpriseOne Applications Release 8.11 SP1 and later.
- Supports cross-release imports and exports (with a cross-release warning).
- Sample configurations are typically under 100 MB.

Configuration → Portable Archive → Anywhere

- Capture a configuration once in a source environment.
- Package it into a single .par file/portable archive.
- Deploy that same package to many target environments.
- A consistent, governed path for moving configuration between environments.

Where It Fits: Two Tools, One Process

Configuration Assistant

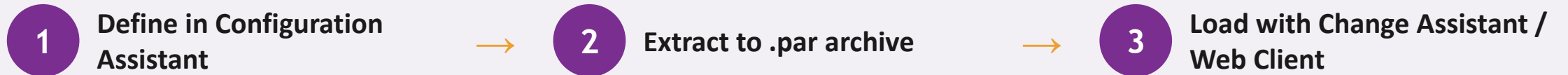
- Runs on a Windows Standalone or Web Development (Fat) Client.
- Defines configurations and extracts them into a .par portable archive.

Change Assistant

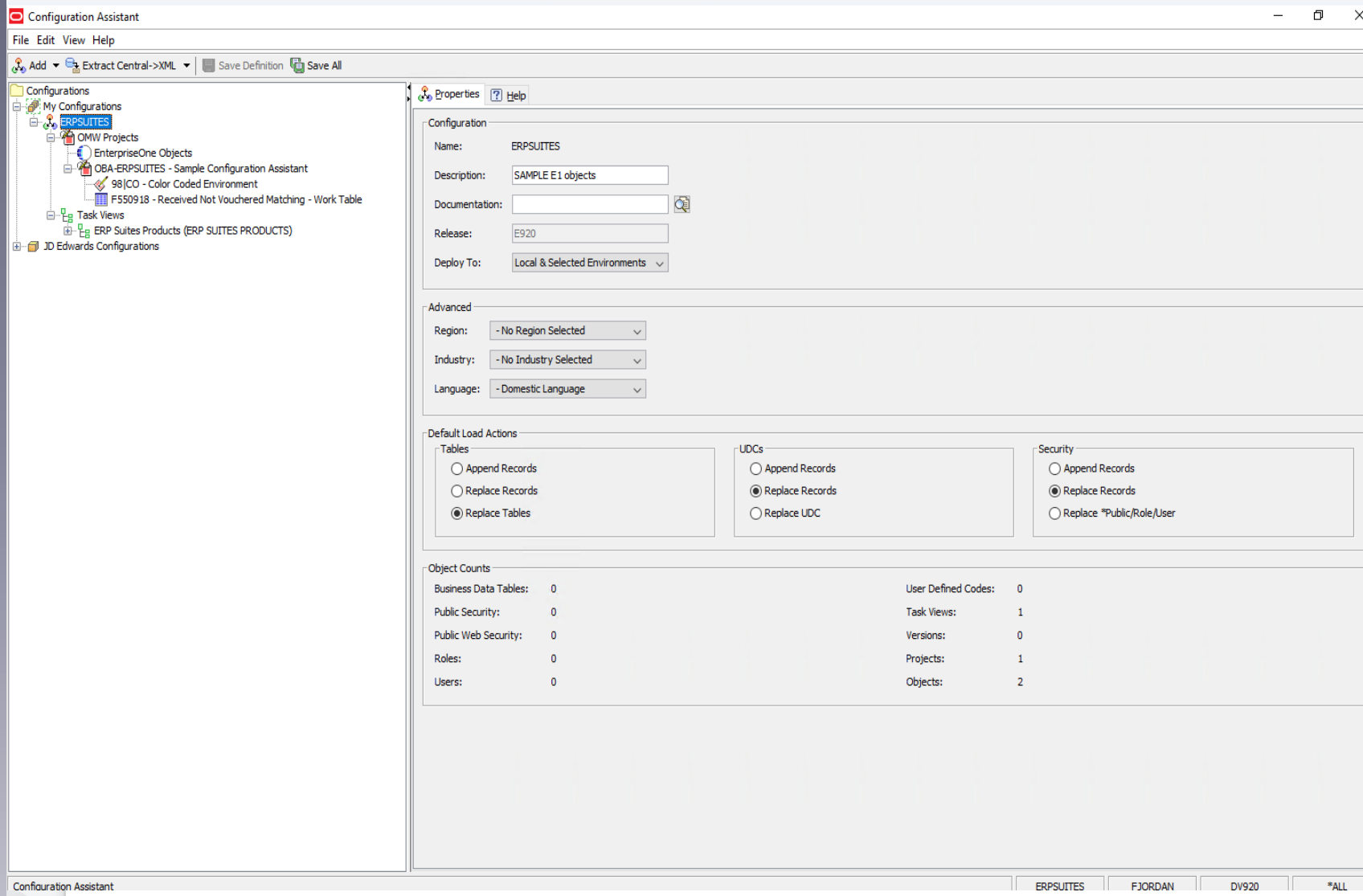
- Runs on a Deployment Server or Standalone Client.
- Loads the portable archive into the selected target environment.

Together

- Package configuration once, then deploy it to many.
- A consistent, governed path for moving configuration data.



A Look at the Interface



Two-pane workspace

- Configuration tree on the left, selectable items on the right.
- Green checks confirm each item included in the package.

Default Load Actions

How each type is written to the target: Append, Replace Records, or Replace Tables.

Deploy To

Scope of the load — e.g. Local & Selected Environments.

Object Counts

A live tally of everything the package will carry.

What the Tool Captures

The Configuration Assistant works with six specific types of EnterpriseOne configuration data:

Tables

EnterpriseOne database tables and their data

OMW Projects & Objects

Object Management Workbench items
(Tools 8.98+)
UDO's (Tools 9.2.2+)

User Defined Codes

UDC types and their values

Security

Public, Roles, and Users records

Task Views

Task master and task relationships

Versions

Batch and interactive report versions

Also supported: BI / XML Publisher objects (XMLP and RPDF) as of Tools Release 8.98.0.3.

My Configurations vs. JD Edwards Configurations

My Configurations

- Your custom, editable configuration definitions.
- The framework that Extract packages into the portable archive.
- Build from scratch or adapt existing content.

JD Edwards Configurations

- Predefined sample configurations delivered by Oracle.
- Shipped read-only as reusable templates.
- Copy or drag-and-drop pieces into My Configurations.

The End-to-End Workflow



Defining a Configuration

General

- Name — up to 10 uppercase characters.
- Description — up to 30 characters.
- Optional documentation delivered with the archive.
- Deploy To — limit the consumer's deployment targets.

Advanced

- Industry / Region drives the default Task View.
- Attach existing Task Views and OMW Projects.
- Language pulls UDC and Task View translations.

Default Load Actions — decide how the target is written

Tables: Append Records · Replace Records · Replace Tables
Append · Replace Records · Replace *Public/Role/User

UDCs: Append · Replace Records · Replace UDC

Security:

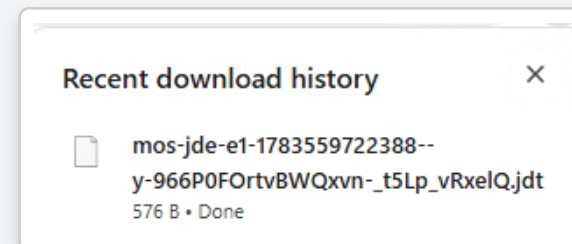
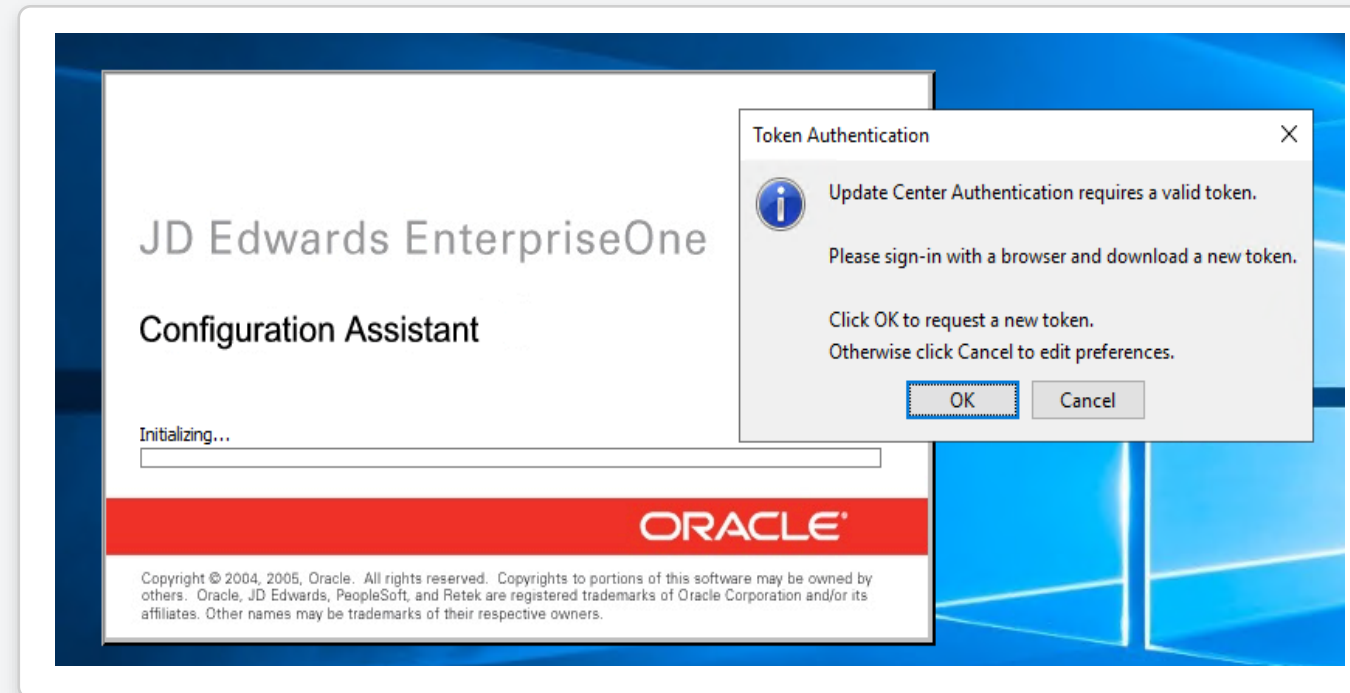
Save with Ctrl+S, then Extract with Ctrl+T.

Launching the Tool & Token Authentication

Update Center now uses token authentication. On startup, Configuration Assistant (and Change Assistant) prompt for a valid token to connect.

- 1 Request** — Sign in to Update Center in a browser to request the token
- 2 Download** — Download the token file (.jdt) from Update Center
- 3 Link** — Point the tool's browser token location at the downloaded file

Tip: on Windows Workstation/Server, launch Configuration Assistant with Run as Administrator.



The downloaded .jdt token file

Built-In Reports

Summary Report

- Lists everything defined in a configuration.
- Available anytime as a design aid.

Extract Report

- Details the extraction and resulting .par.
- Available after an extract runs.

Compare Report

- Side-by-side comparison of two configurations.
- Highlights items added and removed.

What Change Assistant Does

The deployment engine

- Manages deployment of EnterpriseOne and World software updates, fixes, and configuration packages.
- Uses a navigational tree and search across Update Center and My Oracle Support.
- Work with Packages — download & deploy multiple ESUs to environments.
- Analyze & Summarize, automated Impact Analysis, and Net Change comparison.
- Enhanced batch deployment, including User Defined Objects (UDOs).

The screenshot shows the Oracle Change Assistant web application. The browser address bar displays the URL: `updatecenter.oracle.com/apps/WebSearch/download.jsp?pkgName=ChangeAssistant.html&pkgType=70&pkgPlatform=70`. The page header includes "My Oracle Support" and "All Bookmarks". The main title is "Oracle | JD Edwards | Change Assistant".

The page content includes a description: "The Oracle Technology Stack provides the foundation for this application. Change Assistant facilitates the administration of JD Edwards EnterpriseOne and World software updates & fixes. This application utilizes a navigational tree to help manage your deployment processes and enhance your search capability over Update Center and My Oracle Support (MOS) information."

Features include the following:

- Integrated News & Links for current information regarding downloads and installation guides
- Advanced Search including: Date Ranges, System Code Searches and Multiple Object Selection
- Defect Category for searching specific defects such as memory and performance concerns
- Subscriptions utilizing Saved Personal Queries and JD Edwards Pre-Defined Queries
- Package Details and BUG Details buttons have been added to tabs to allow better content integration
- Net Change comparing current packages to superceded
- Analyze and Summarize options help determine the deployment impact and consolidates Special Instructions
- Work with Packages Deployment Features including download and deployment of multiple ESUs to selected environments
- Work with Batches buttons have been added to allow editing for better deployment of packages
- Impact Analysis option automates the Impact Analysis application
- Visual UDC and Glossary Compare option automates the process to update the Automated Special Instructions
- Analyze and Summarize options automate combining batch data for analysis
- Enhanced Support for Business Accelerator and configurations
- Enhanced Support for Locale Preferences and Language Packs
- Enhanced Batch Deployment Enhancements including User Defined Objects

New MTR

Visual Studio 2017 Runtime redistributable files are now required. See MOS Document ID: [2415818.1](#) regarding installation of the Visual Studio 2017 Runtime redistributable files.

Java Runtime Environment (JRE):

A Java Runtime Environment (JRE) with Web Start is required.
Click [here](#) to install the latest Java 8 SE Runtime Environment for Windows (i.e., JRE 8u211).

EnterpriseOne 32-bit tools release: Change Assistant and Configuration Assistant must run with 32-bit (x86) JRE.
Be sure to install the 32-bit (x86) version (i.e. from the list choose Windows Offline Installation, jre-8u211-windows-i586.exe).
Note: Check your windows control panel for installation of JRE. If there is a 64-bit (x64) JRE installation, then we recommend uninstall to prevent issues with the 32-bit EnterpriseOne tools release.

EnterpriseOne 64-bit tools release: Change Assistant and Configuration Assistant must run with 64-bit (x64) JRE.
Be sure to install the 64-bit (x64) version (i.e. from the list choose Windows Offline Installation, jre-8u211-windows-x64.exe).
Note: Check your windows control panel for installation of JRE. If there is a 32-bit (x86) JRE installation, then we recommend uninstall to prevent issues with the 64-bit EnterpriseOne tools release.

The installation of this JRE should not conflict and does not have to match the configured EnterpriseOne JDK/JRE.

If you have not installed the JRE, Change Assistant cannot be launched and executed since Web Start is required.

Change Assistant:

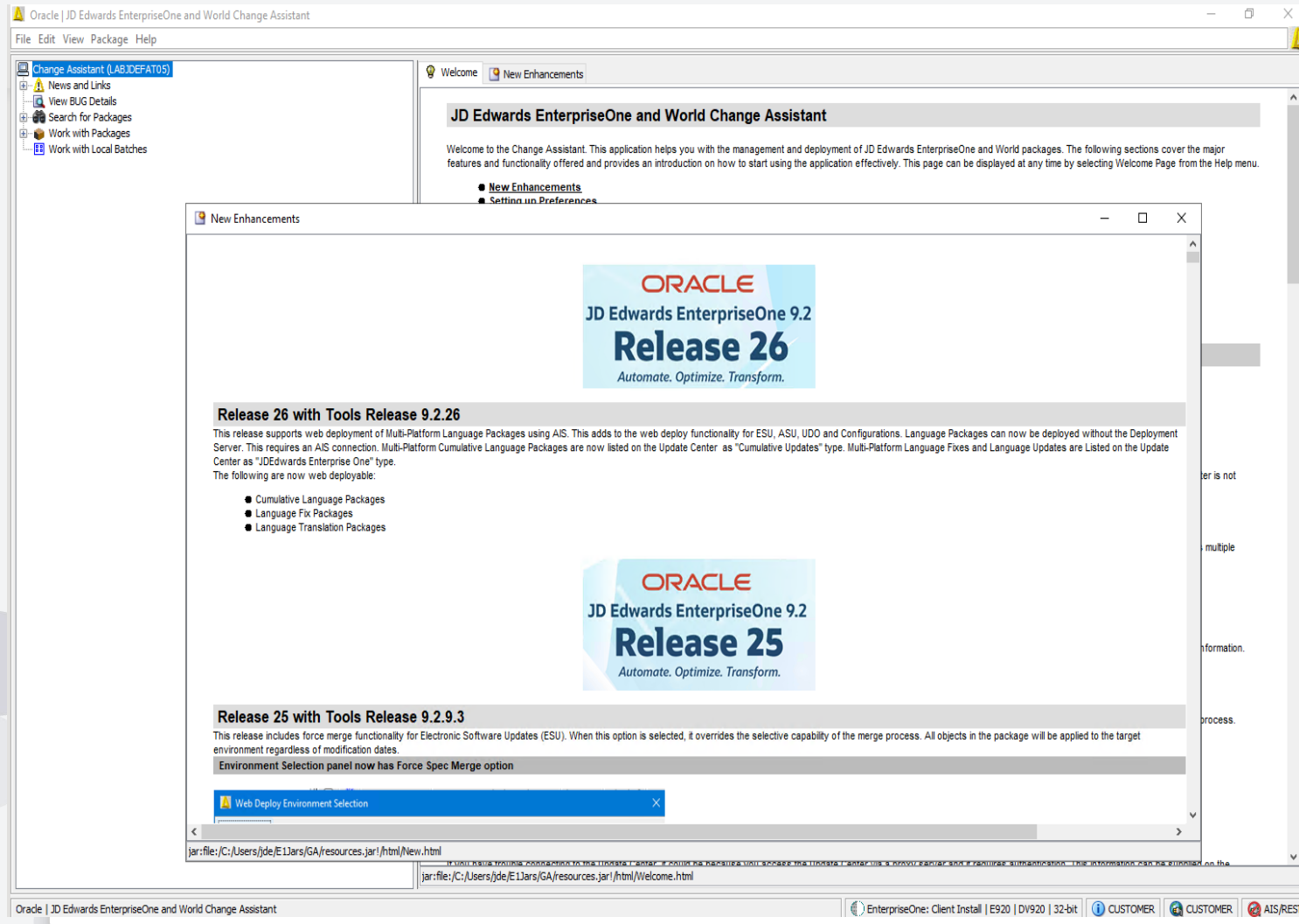
Click [here](#) to install and launch the latest version of Change Assistant.

Configuration Assistant

Click [here](#) to install and launch the latest version of Configuration Assistant.

Configuration Assistant allows data to be extracted and packaged as a subset of JD Edwards EnterpriseOne configuration information (Configuration Solutions) into a Portable ARchive file, which is a "PAR" file. Extracted configuration can be loaded into any other E1 environment of the same release using Change Assistant. This tool can be run on Development Client or Standalone Client.

The Change Assistant Interface



Navigation tree

- News and Links
- Search for Packages
- Work with Packages
- Work with Local Batches

Recent release enhancements

Tools 9.2.9.x

JD Edwards Update Manager - Custom Multi-Platform Deliverable PAR configuration files using the web client or Change Assistant with AIS connection

Force Spec Merge for ESUs — applies all objects regardless of modification date.

Tools 9.2.26

Web deployment of multi-platform language packages via AIS (cumulative, fix, translation).

Before You Run Change Assistant

1 Java Runtime (JRE)

A JRE with Web Start is required (e.g. JRE 8u421). Without it, Change Assistant cannot launch.

2 Match the tools bitness

32-bit tools → 32-bit (x86) JRE; 64-bit tools → 64-bit (x64) JRE. Remove the mismatched JRE.

3 Visual Studio 2017 Runtime

The VS 2017 Runtime redistributable files are now required (MOS Doc 2415818.1).

4 Token authentication

Request, download, and link an Update Center token before connecting.

Two Ways to Load a Configuration

Configurations — Data Packs, EnterpriseOne Samples, UDO bundles, and custom .par deliverables — can be deployed two ways.

From **Tools Release 9.2.9**, the web client path enables remote patch management without a deployment server.



Web Client

Import and deploy the .par directly in EnterpriseOne via Work with Software Update (P96470W). No deployment server required.



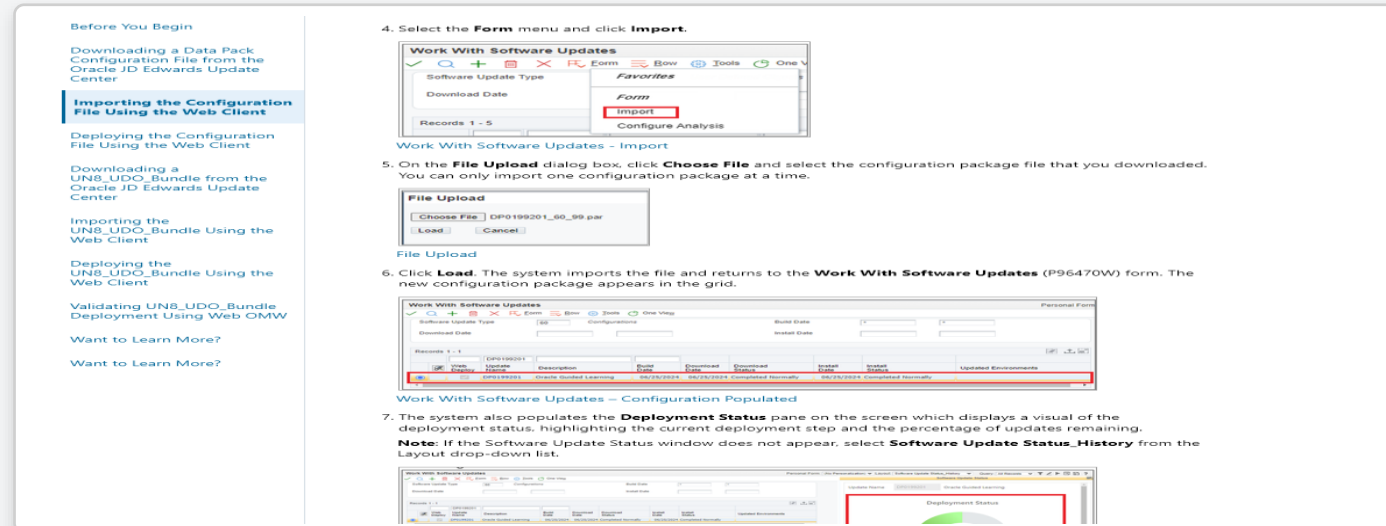
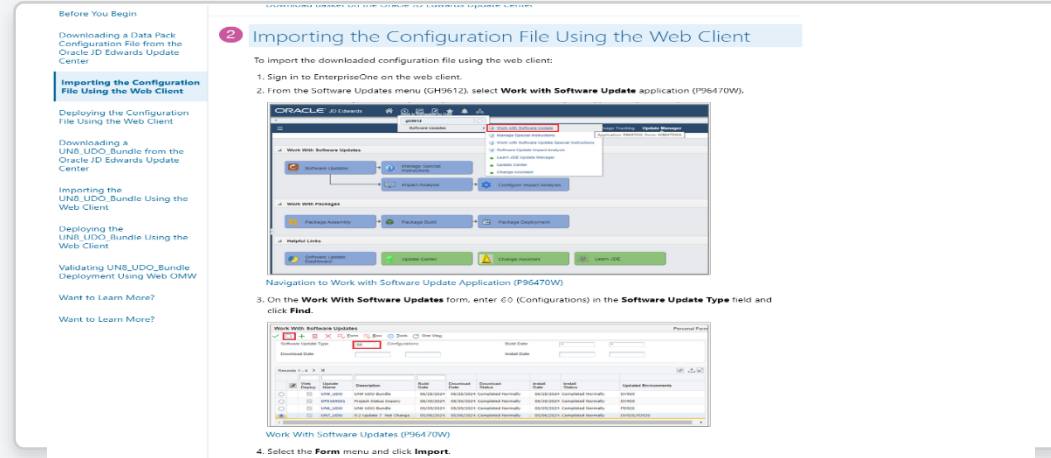
Change Assistant

Deploy on the Deployment Server, or with an AIS Server connection from a web client (without a deployment server).

Load in the Web Client – Import the Package

Work with Software Update (P96470W)

- 1 Sign in to EnterpriseOne on the web client
- 2 From the Software Updates menu (GH9612), open Work with Software Update (P96470W)
- 3 Enter update type 60 (Configurations) and click Find
- 4 Select Form → Import, then Choose File and pick the .par package
- 5 Click Load — the package is imported and appears in the grid



Load in the Web Client – Deploy & Validate

Before You Begin

Downloading a Data Pack Configuration File from the Oracle JD Edwards Update Center

Importing the Configuration File Using the Web Client

Deploying the Configuration File Using the Web Client

Downloading a UN8_UDO_Bundle from the Oracle JD Edwards Update Center

Importing the UN8_UDO_Bundle Using the Web Client

Deploying the UN8_UDO_Bundle Using the Web Client

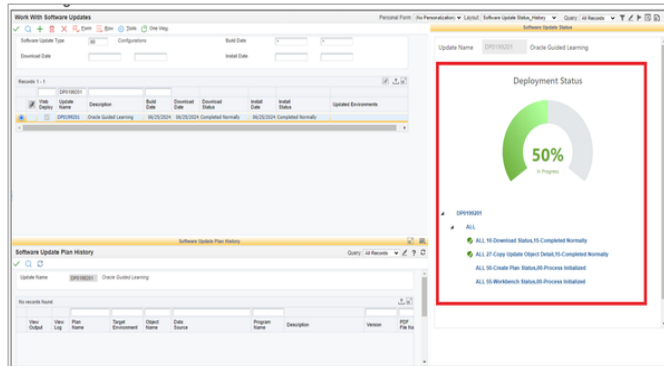
Validating UN8_UDO_Bundle Deployment Using Web OMW

Want to Learn More?

Want to Learn More?

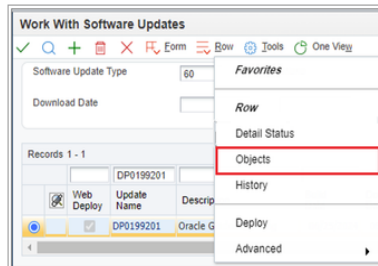
7. The system also populates the **Deployment Status** pane on the screen which displays a visual of the deployment status, highlighting the current deployment step and the percentage of updates remaining.

Note: If the Software Update Status window does not appear, select **Software Update Status_History** from the Layout drop-down list.

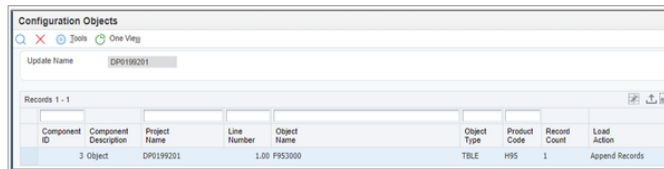


Deployment Status Pane

8. To view objects delivered with this configuration package, click the **Row** menu and select **Objects**.



Work With Software Updates - Objects



Component ID	Component Description	Project Name	Line Number	Object Name	Object Type	Product Code	Record Count	Load Action
3	Object	DP0199201	1.00	P953000	TABLE	H95	1	Append Records

Configuration Objects Form

1 Deployment Status pane

A gauge shows progress and the current step, with the percentage of updates remaining.

2 Row → Objects

Review every object the package delivers — name, type, product code, record count, load action.

3 Validate

Confirm the deployment using reports (and Web OMW for UDO bundles).

Deploying via Change Assistant

Two methods, both available from Tools Release 9.2.9:

On the **Deployment** Server

- The traditional path — Change Assistant runs against the deployment server.
- Package downloaded and applied locally.

With AIS — Web Client

- Deploy with an Application Interface Server (AIS) connection.
- No deployment server needed; download & deploy as a Server Batch.
- Verify Update Center and AIS connections first.

Related Oracle by Example guides: *Deploying Configurations Using the Web Client · Using Change Assistant with the AIS Connection · Deploying Batch Updates (Web Client) · Force Spec Merge with AIS.*

Design & Data-Integrity Best Practices

 **Always back up the target database before loading a configuration.** Loading data can overwrite production records. When deploying with Change Assistant, use the Backup option to create a restorable mirror of the target.

- Restrict configurations to Business Data — avoid Control Tables, System, object librarian and serialized objects.
- Exclude technical tables such as Next Numbers, Central objects UDO's, data dictionary.
- VERY IMPORTANT – Ensure you understand the table relationships/dependencies, so you don't partially load or cause data integrity issues (Ex. Loading F0101 only without F0111 will cause errors in P01012 and other apps)
- Follow the JD Edwards Configuration Development Methodology Guide.
- Use UDC values in the 900–999 range for custom region and industry codes.
- Validate with the Compare Report before deploying to production.
- Load into an environment of the same release; cross-release loads raise a warning since the table columns could be different.

Why It Matters

For the Business

- Standardized, repeatable configuration deployments.
- Less manual re-keying and fewer environment-drift errors.

For the Team

- Reuse Oracle's sample configurations as a starting point.
- Package documentation alongside the configuration.
- Confidence through backup, compare, and validation.

One disciplined process for moving EnterpriseOne configuration – safely and consistently.

References & Links

Websites and Oracle by Example guides referenced in this presentation:

- 1 Change Assistant — Download & Install (Update Center)**
<https://updatecenter.oracle.com/apps/WebSearch/download.jsp?pkgName=ChangeAssistant.html&pkgType=70&pkgPlatform=70>
- 2 Deploying Configurations Using the Web Client — Oracle by Example**
<https://docs.oracle.com/en/applications/jd-edwards/obe-deploying-configurations-using-the-web-client/>
- 3 Deploying Configurations Using the Web Client — Oracle Learning Library**
https://apexapps.oracle.com/pls/apex/f?p=44785:24:113223195823461:::24:P24_CONTENT_ID,P24_PREV_PAGE:33970,1
- 4 Deploying Configurations Using Change Assistant — Software Updates Guide (9.2.x)**
<https://docs.oracle.com/en/applications/jd-edwards/change-management/9.2.x/eotsu/deploying-configurations-using-change-assistant.html#u30251870>
- 5 Deploying Configurations Using Change Assistant with AIS — Oracle by Example**
<https://docs.oracle.com/en/applications/jd-edwards/obe-deploying-configurations-using-change-assistant-with-ais/>
- 6 Deploying Configurations Using Change Assistant with AIS — Oracle Learning Library**
https://apexapps.oracle.com/pls/apex/f?p=44785:24:113223195823461:::24:P24_CONTENT_ID,P24_PREV_PAGE:34075,1



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Questions?

Contact me:

Frank Jordan

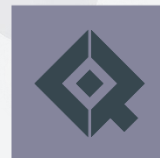
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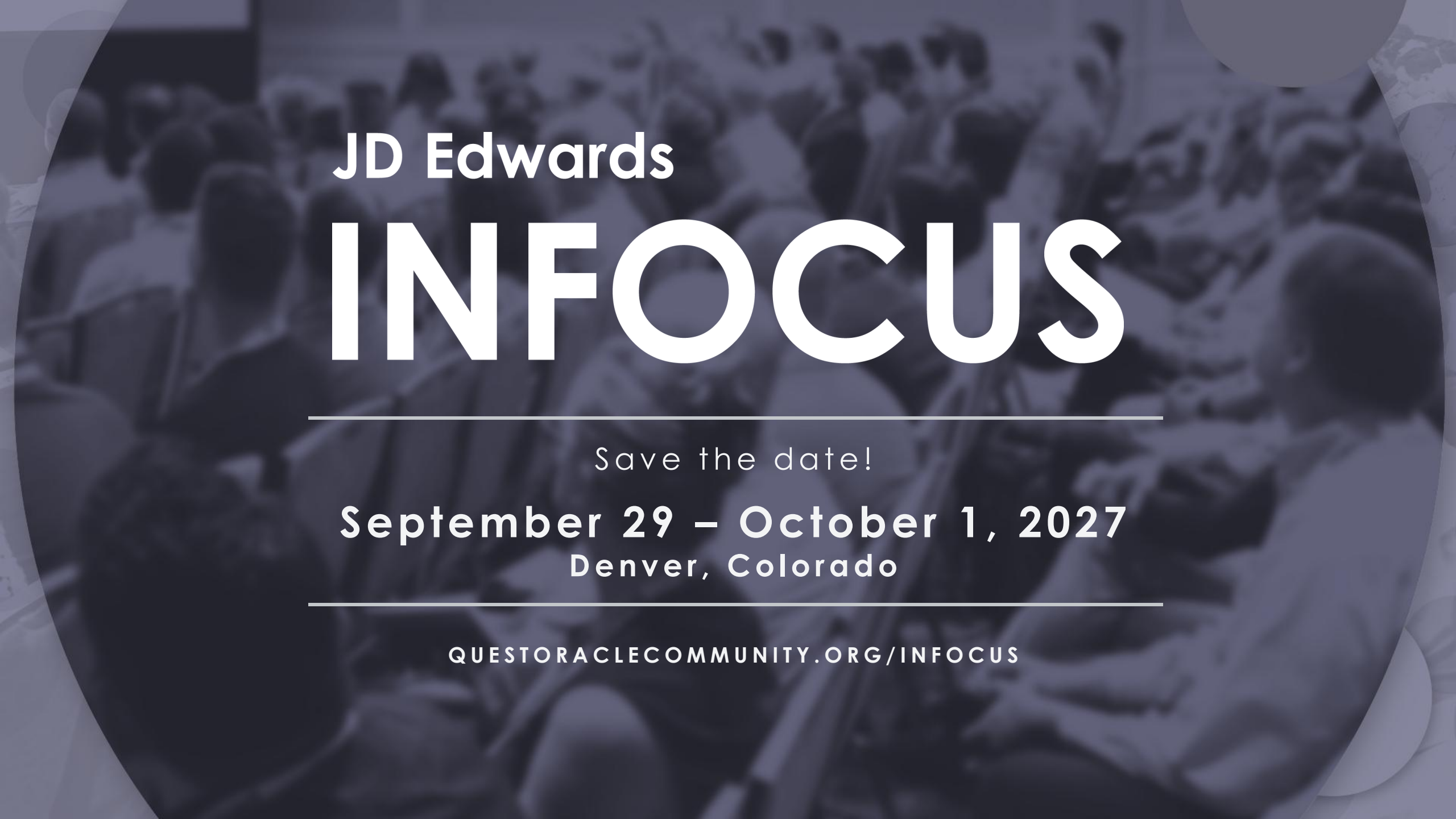




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