

# Orchestrator Enhancements by Release

## Tools Release 9.2.0

### TR 9.2.0.5 (June 2016)

- Transformations
- Orchestration Discovery
- Import/Export
- Where Used
- Studio 2.0

## Tools Release 9.2.1

### TR 9.2.1.0 (December 2016)

- Studio 3.0
- Orchestration Components as UDOs

### TR 9.2.1.2 (April 2017)

- Message Service
- Data Service
- Connector
- Nested Orchestrations

### TR 9.2.1.2 (June 2017)

- Outbound REST
- Groovy

## Tools Release 9.2.2

### TR 9.2.2.0 (October 2017)

- Notifications
- Database Connector
- Scheduler
- Iterate Over Steps
- OAuth 2.0 Outbound
- Watchlists as a Step

### TR 9.2.2.4 (April 2018)

- Process Recorder
- Array as Inputs
- Report as a Step
- Assigned Subscriptions
- Studio 6.1.0
- File Transfer
- Scheduler Resilience
- Confirmed Completions
- Select Any Grid Row, Select All Rows
- Application Versions

## Tools Release 9.2.3

### TR 9.2.3.0 (November 2018)

- Orchestrator Monitor & Health Monitor
- Message Center
- Input from CSV
- Orchestration Launch from BSFN
- Studio 7.0
- Error Handling
- My Worklist
- Message Headings
- Return Values from Multiple Forms

### TR 9.2.3.2 (January 2019)

- Multiple Actions in Messages
- Orchestration Variables
- Links to Personal Forms & Queries
- Multiple JWT Certificates
- Studio 7.1
- Special Date Processing in Data Requests
- Pre-Text and Post-Text for Links

### TR 9.2.3.3 (April 2019)

- Call Orchestrations from Form Extension
- Open Standards Support
- Orchestration, URLs, & Reports as Actions
- Subscription Categories
- Studio 7.2
- XML Input & Output
- Required Inputs
- Paging for High Volume Data
- Open Standards Support
- Search, Filter & Group Subscriptions
- Message Center on iPad
- SSH Key for FTP Server Authentication

### TR 9.2.3.4 (July 2019)

- Map Orchestration Output Back to Fields on a Form Extension
- Orchestrations for System Administration
- Enhanced Scheduler APIs
- Object as an Orchestration Input
- API to Clear AIS & HTML Cache
- Message Links on iPad

## Tools Release 9.2.4

### TR 9.2.4.0 (November 2019)

- Redesigned Orchestrator Studio
- Simplified Deployment & Security of Orchestrator Studio
- Orchestrator Scheduler User Interface
- Grid Support on Form Extensions
- Import/Export of Nested Orchestrations

### TR 9.2.4.2 (January 2020)

- Search & Export by Categories

### TR 9.2.4.3 (April 2020)

- Orchestration Debugger
- Call a BSFN as an Orchestration Step
- Embed Orchestrations and Notifications without a Connector
- Upload Multiple Files

### TR 9.2.4.4 (June 2020)

- HTTP Compression for AIS Output
- External REST Authentication via Public Key Certificates
- Queue Control for AIS Requests
- Grouped Arrays from CSV Files
- Return Orch. Inputs in the Output
- Printing an Orchestration
- Expand/Collapse Nested Orchestrations

## Tools Release 9.2.5

### TR 9.2.5.0 (November 2020)

- Assertion Framework for Orchestrations
- Enterprise & AIS Servers Configuration
- Allow Variables in REST File Uploads
- Configurable AIS Session Initialization
- Extend E1 User Session to Externally Hosted Web Applications
- Large Data Set Retrieval

### TR 9.2.5.2 (January 2021)

- Select Multiple Rows in a Form Request
- Return REST Header Parameters as Orchestration Variables
- Array Variables for External REST Calls
- Pass OAuth 2.0 Client ID & Secret in the Request Body of an Orchestration
- Pass a Version to Report Service Request
- Secure Session Balancing across AIS Servers

### TR 9.2.5.4 (June 2021)

- Extensible Scripting Framework
- User-Defined Response Message
- End User Authentication via JSON
- Step Continuation Generated Warnings
- Create Orchestrations with a Single Click

### Supplemental Orchestrator Resources

Free Orchestrator Training, 2-Hr Workshop Replay & More:

[www.CircularEdge.com/JD-Edwards/Orchestrator](http://www.CircularEdge.com/JD-Edwards/Orchestrator)

Orchestrator Documentation & Overview:

<http://learnjde.com/>