

Orchestrator Enhancements by Release

Tools Release 9.2.x

TR 9.2.0.5 (June 2016)

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

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 9.2.1.4 (June 2017)

- Outbound REST
- Groovy

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/All Grid Rows
- Application Versions

TR 9.2.3.0 (November 2018)

- Orchestrator Monitor & Health Monitor
- Message Center
- Input from CSV
- BSFN Orchestration Launch
- Studio 7.0
- Error Handling
- My Worklist
- Message Headings
- 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
- Data Request Date Processing
- Pre-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 to Form Extension Fields
- Sys Admin Orchestrations
- Enhanced Scheduler APIs
- Object as Orchestration Input
- Clear AIS & HTML Cache
- Message Links on iPad

TR 9.2.4.0 (November 2019)

- Redesigned Orchestrator Studio
- Simplified Deployment & Security of Orchestrator Studio
- Orchestrator Scheduler UI
- Form Extensions Grid Support
- 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
- BSFN as Orchestration Step
- Embed Orchestrations & 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
- Return Inputs in Output
- Printing an Orchestration
- Expand/Collapse Nested Orchestrations

TR 9.2.5.0 (November 2020)

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

TR 9.2.5.3 (April 2021)

- Select Multiple Rows in a Form Request
- REST Header Parameters as 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 for 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
- Single Click Orchestrations

TR 22 / 9.2.6 (October 2021)

- Launch Orchestration from E1 Page
- Pop Up Messages
- Support for Media Objects
- Current Environment as System Value
- Display Messages in Orchestrator Monitor
- Files as Input/Output
- Workflow Studio on the Glass
- AIS REST APIs for Objects & BSFN
- Logic Extensions
- Service-Only User
- Associated Descriptions for Data Requests
- Bypass Warnings during Process Recording
- Media Object Attachments to Messages

TR 22-1 / 9.2.6 (January 2022)

- Default Values for Array Inputs
- Option to Exclude Summary Row from Form Request Response
- File Output from REST Responses
- API to Manage Files in AIS Root Temporary Directory
- Assertion Definitions for All Rows in Grid

TR 22-2 / 9.2.6 (April 2022)

- Rich Formatting of Messages
- Null as a Criteria for a Rule
- Manage Report Output in Orchestrations

TR 22-3 / 9.2.6 (June 2022)

- Multipart REST Connector without File Attachments
- Free-form Input for Orchestrations
- Array Inputs for Orchestrations
- Import / Export Workflows
- Outbound & 3rd Party Cross-References
- Create / Delete Workflows
- Improved Layout for Workflows
- Environment Properties for Orchestrations

TR 23 / 9.2.7 (October 2022)

- Call Orchestration from a Workflow
- Logic Extensions: Call Directly from Form Extension
- Logic Extensions: Aggregation Support
- Data Set Processing for Logic Extensions
- Complex Queries to E1 Database
- AIS APIs from e1pagehelper
- File Selector for Orchestrations Launched from E1 Page

TR 23-1 / 9.2.7 (January 2023)

- Define Inputs for Scheduled Orchestration
- Exclude Orchestrations from OpenAPI Document
- User Modifications to the Orchestrator OpenAPI Document