



## Orchestrator for CNCs

### Part 3: Diagnosing Orchestrator 9.2.4.x

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**E1 Editor's Note:** Now that you have implemented Orchestrator Studio into your environment (detailed in Part 1 of this series) and power tuned the AIS server (explained in Part 2 of this series), you are ready to start diagnosing the orchestrations that your developers have been creating. It is all a neverending learning curve with ongoing challenges! As always, Tim does an excellent job of sharing his experiences with us and providing insight into different techniques and tools to help diagnose any issues that may arise when running orchestrations.

### Introduction

Your organization is committed to transitioning to the latest capabilities of Orchestrator Studio and your CNCs need to prepare by learning how to support this technology. This article will discuss the different techniques and tools to use for troubleshooting orchestrations with 9.2.4.x.

### Orchestrator Studio Versions

The JDE toolset that is running continues to have a major influence on the capabilities available in Orchestrator Studio.

The versions have been updated significantly over the years. Table 1 gives a breakdown of each version, the corresponding Tools Release and the Orchestrator features supported.

Orchestrator Studio Version	Tools Release	Release Date	Features
2.0	9.2.0.5	Mar 2016	<ul style="list-style-type: none"> <li>• Transformations</li> <li>• Import / Export</li> <li>• Orchestration Discovery</li> </ul>
3.0	9.2.1	Dec 2016	<ul style="list-style-type: none"> <li>• Orchestration Components as UDOs</li> </ul>
5.0.1	9.2.1.2	Apr 2017	<ul style="list-style-type: none"> <li>• Message Service</li> <li>• Data Service</li> <li>• Connector</li> <li>• Nested Orchestrations</li> <li>• Outbound Rest</li> <li>• Groovy</li> </ul>
5.0.1	9.2.2	Oct 2017	<ul style="list-style-type: none"> <li>• Notifications</li> <li>• Database Connectors</li> <li>• Scheduler</li> <li>• Iterate / Over Steps</li> </ul>
6.1	9.2.2.4	Apr 2018	<ul style="list-style-type: none"> <li>• Process Recorder</li> <li>• Arrays as Inputs</li> <li>• Report as a Step</li> <li>• Assigned Subscriptions</li> </ul>
7.0	9.2.3	Nov 2018	<ul style="list-style-type: none"> <li>• Orchestration Monitor and Health Monitor</li> <li>• Message Center</li> <li>• Input from CSV</li> <li>• Orchestrations launched from BSFNs</li> </ul>
7.1	9.2.3.2	Jan 2019	<ul style="list-style-type: none"> <li>• Multiple actions in Messages</li> <li>• Orchestration Variables</li> <li>• Application Links to Personal Forms and Queries</li> <li>• Multiple JWT Certificates</li> </ul>
7.2	9.2.3.3	Apr 2019	<ul style="list-style-type: none"> <li>• Call Orchestrations from Form Extension</li> <li>• Open Standards Support</li> <li>• Orchestrations, URLs, and Reports as Actions in Messages</li> <li>• Subscription Categories</li> </ul>
7.3	9.2.3.4	Jul 2019	<ul style="list-style-type: none"> <li>• Object as an Orchestration Input</li> <li>• Enhanced Scheduler APIs</li> <li>• Map Orchestration Output Back to Fields on a Form Extension</li> <li>• Orchestrations for System Administration</li> </ul>

Table 1: Orchestrator Studio Version Table—Table continued on the following page

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