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This documentation provides usage information for the Omni Console. It is intended for developers and administrators of Master Data Management (MDM) and Data Quality (DQ) solutions who are using Omni-Gen™.

How This Manual Is Organized

This manual includes the following chapters:

<table>
<thead>
<tr>
<th>Chapter/Appendix</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Introducing the Omni Console</td>
<td>Provides an introduction to the Omni Console and describes key features and functionality.</td>
</tr>
<tr>
<td>2 Navigating and Using the Omni Console</td>
<td>Describes how to navigate and use the features and functionality that are available in the Omni Console.</td>
</tr>
</tbody>
</table>

Documentation Conventions

The following table lists and describes the documentation conventions that are used in this manual.

<table>
<thead>
<tr>
<th>Convention</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THIS TYPEFACE</strong> or <strong>this typeface</strong></td>
<td>Denotes syntax that you must type exactly as shown.</td>
</tr>
<tr>
<td><em>this typeface</em></td>
<td>Represents a placeholder (or variable), a cross-reference, or an important term. It may also indicate a button, menu item, or dialog box option that you can click or select.</td>
</tr>
<tr>
<td>underscore</td>
<td>Indicates a default setting.</td>
</tr>
<tr>
<td>Key + Key</td>
<td>Indicates keys that you must press simultaneously.</td>
</tr>
<tr>
<td>{}</td>
<td>Indicates two or three choices. Type one of them, not the braces.</td>
</tr>
<tr>
<td></td>
<td>Separates mutually exclusive choices in syntax. Type one of them, not the symbol.</td>
</tr>
</tbody>
</table>
## Related Publications

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Help Us to Serve You Better

To help our consultants answer your questions effectively, be prepared to provide specifications and sample files and to answer questions about errors and problems.

The following table lists the environment information that our consultants require.

<table>
<thead>
<tr>
<th>Platform</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td></td>
</tr>
<tr>
<td>OS Version</td>
<td></td>
</tr>
<tr>
<td>JVM Vendor</td>
<td></td>
</tr>
<tr>
<td>JVM Version</td>
<td></td>
</tr>
</tbody>
</table>

The following table lists additional questions to help us serve you better.

<table>
<thead>
<tr>
<th>Request/Question</th>
<th>Error/Problem Details or Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did the problem arise through a service or event?</td>
<td></td>
</tr>
<tr>
<td>Provide usage scenarios or summarize the application that produces the problem.</td>
<td></td>
</tr>
<tr>
<td>When did the problem start?</td>
<td></td>
</tr>
<tr>
<td>Can you reproduce this problem consistently?</td>
<td></td>
</tr>
<tr>
<td>Describe the problem.</td>
<td></td>
</tr>
<tr>
<td>Describe the steps to reproduce the problem.</td>
<td></td>
</tr>
<tr>
<td>Specify the error messages.</td>
<td></td>
</tr>
<tr>
<td>Request/Question</td>
<td>Error/Problem Details or Information</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Any change in the application environment: software configuration, EIS/database configuration, application, and so forth?</td>
<td></td>
</tr>
<tr>
<td>Under what circumstance does the problem not occur?</td>
<td></td>
</tr>
</tbody>
</table>

The following is a list of error and problem files that might be applicable.

- Input documents (XML instance, XML schema, non-XML documents)
- Transformation files
- Error screen shots
- Error output files
- Trace files
- Custom functions and agents in use
- Diagnostic Zip
- Transaction log

**User Feedback**

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Thank you, in advance, for your comments.

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Chapter 1

Introducing the Omni Console

This section provides an introduction to the Omni Console and describes key features and functionality.

In this chapter:

- Omni Console Components Configuration Overview
- Prerequisites and Installation

Omni Console Components Configuration Overview

Available in Omni-Gen™ Master Data Management (MDM) Edition and Data Quality (DQ) Edition, the Omni Console exposes an array of monitoring and management functions, which simplifies deployment and overall operations, for example:

- Enabling web-based configuration for various services.
- Providing a centralized location for starting and stopping services.
- Enabling generation of sample data for testing purposes.
- Providing detailed monitoring of all data processes with an array of available metrics.

Omni Console enables rapid issue isolation and resolution, which is a key to a robust data process.

Prerequisites and Installation

The Omni Console is packaged with Omni-Gen™ Master Data Management (MDM) Edition and Data Quality (DQ) Edition. For more information on prerequisites and installation, see the Omni-Gen™ Installer User's Guide.

By default, the Omni Console listens on port 9500. Ensure that this port is available in your environment and is not being used by any other component.
Chapter 2

Navigating and Using the Omni Console

This section describes how to navigate and use the features and functionality that are available in the Omni Console.

In this chapter:

- Signing in to the Omni Console
- Starting and Stopping Services
- Viewing and Editing Configuration Parameters
- Runtime Configuration Settings
- Database Configuration Settings
- Managed Services Configuration Settings
- Product License
- User Management
- Managing Deployment Bundles
- Monitoring Data Processing
- Viewing Logs
- Testing Your Deployment Bundle
- Consoles
- Operations
- Downloads

Signing in to the Omni Console

To sign in to the Omni Console, type the following URL in a browser:

https://yourhost.yourdomain.com:9500

For example:

https://tcmappsa.ibi.com:9500

Note: You cannot use localhost in the URL.
The Log into Omni-Gen Console page opens, as shown in the following image.

Specify a user name and password, and then click Sign in. The default credentials are:

- **Username**: ibi
- **Password**: ibi

**Starting and Stopping Services**

The Services section enables you to control the associated processes and manage their statuses. This eliminates the need to start and stop services from the command line and provides a unified view for operations.
In the left pane of the Omni Console, click Services, as shown in the following image.

The following table lists and describes the available buttons on the Managed Services toolbar.

<table>
<thead>
<tr>
<th>Toolbar Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start All</td>
<td>Starts all services that are not currently running.</td>
</tr>
<tr>
<td>Stop All</td>
<td>Stops all services that are currently running.</td>
</tr>
<tr>
<td>Restart All</td>
<td>Stops all services that are currently running, then starts all services.</td>
</tr>
</tbody>
</table>
Viewing and Editing Configuration Parameters

The Configuration section enables you to view and edit the configuration parameters for various Omni-Gen components, which includes server configuration, Data Quality and Master Data configuration, remediation services, database properties, Java properties, logging properties, and an array of other configurations that can be easily manipulated from the Omni Console. This enables a clear view into the environment and its management, as well as exposing tuning capabilities for data processing.

In the left pane of the Omni Console, click Configuration, as shown in the following image.

![Image of Configuration: Runtime](image)

The configuration parameters are organized into the following groups, which you can select:

- **Runtime.** Enables you to configure parameters for the Omni-Gen runtime environment.
- **Databases.** Enables you to configure parameters for your specific database.
- **Managed Services.** Enables you to configure parameters for the Omni-Gen services.
- **Product License.** Provides license information about your Omni-Gen installation.
Descriptions for each configuration parameter are listed in the Description column, as shown in the following image.

![Configuration: Runtime](image)

If a parameter value has been modified, a green indicator icon is shown next to the parameter. Hover or click this indicator to view the original value and the modified by value, as shown in the following image.
Runtime Configuration Settings

This section provides an overview of the available tabs that are located under Configuration, Runtime in the left pane of the Omni Console.
## Runtime Tab

The Runtime tab, shown in the following image, provides quick access to runtime configuration settings.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omni-Gen Server Mode</td>
<td>DEVELOPMENT</td>
<td>Used to determine if the system is in production or not. DEVELOPMENT is the default. PRODUCTION is the alternative.</td>
</tr>
<tr>
<td>Server Host Name</td>
<td>INFORMA-Q8T67IU</td>
<td>Host name for the machine executing the server.</td>
</tr>
<tr>
<td>Server Domain</td>
<td>ibi.com</td>
<td>Domain for the machine executing the server.</td>
</tr>
<tr>
<td>Server FQDN</td>
<td>INFORMA-Q8T67IU.ibi.com</td>
<td>FQDN for the machine executing the server.</td>
</tr>
<tr>
<td>Server Start Time</td>
<td>2015-12-15 20:15:36 UTC</td>
<td>Specifies the time OmniServer last started.</td>
</tr>
<tr>
<td>Server Java Home</td>
<td>C:\Program Files\Java\jkt1.8.0_111</td>
<td>Server Java Home</td>
</tr>
<tr>
<td>Java Process Id</td>
<td>12232@INFORMA-Q8T67IU</td>
<td>Specifies the current Java process id for the controller.</td>
</tr>
<tr>
<td>Runtime Data Location</td>
<td>C:\omni\gen\omni\gen\server\omni\OmniGenData</td>
<td>Defines the directory where runtime data such as configuration is stored.</td>
</tr>
<tr>
<td>Default Date/Time format</td>
<td>yyyy-MM-dd HH:mm:ss SSS</td>
<td>Defines the default format for Date/Time data. Follows the Java SimpleDateFormat rules.</td>
</tr>
<tr>
<td>Omni-Gen Server Elastic Index Name</td>
<td>omniserver</td>
<td>Defines the name of the elastic index used to store Omni-Gen Server data.</td>
</tr>
<tr>
<td>Console Admin Username</td>
<td>ibi</td>
<td>Specifies the console admin username.</td>
</tr>
<tr>
<td>Console Admin Password</td>
<td></td>
<td>Specify the console admin password.</td>
</tr>
<tr>
<td>Omni-Gen Server Console Timeout</td>
<td>15</td>
<td>How long the user can be inactive before they are signed out (in minutes).</td>
</tr>
</tbody>
</table>

Any setting that includes a pen icon to the left of the setting name can be modified. Most settings that are modified will require you to restart either the Omni-Gen Server and/or the Omni-Gen Controller. When a change to a setting is made, a prompt displays, which identifies the specific component that must be restarted.
Data Quality Runtime Tab

The Data Quality Runtime tab, shown in the following image, allows you to set the configuration file for a Subject group (also known as *householding*).

![Data Quality Runtime Tab](image)

In addition, this tab provides an overall view into your current Data Quality environment.

Server Remediation Tab

The Server Remediation tab, shown in the following image, enables tuning of the Remediation services according to the application requirements.

![Server Remediation Tab](image)

It also allows you to configure the Remediation end-points and enable or disable Remediation services.
Command Line Tab

The Command Line tab, shown in the following image, enables you to view and modify the properties for starting a command line process.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JVM Process Max Memory</td>
<td>1024M</td>
<td>Defines the maximum memory use allowable for this service.</td>
</tr>
<tr>
<td>JVM Process Arguments</td>
<td>-Dserver-directory=C:\omnigen\omnigen\OmniServer -Domnigen.config.filename=C:\omnigen\omnigen\OmniServer\omnigen.properties -Dlog4j.configurationFile=C:\omnigen\omnigen\OmniServer\omnigen.log4j.xml -Djava.net.ssl.trustStore=C:\omnigen\omnigen\OmniServer\omnigenData\ssl\truststore -Djava.net.ssl.trustStorePassword=change -Duser.timezone=UTC</td>
<td>Defines the JVM arguments to use when starting this service.</td>
</tr>
<tr>
<td>JVM Process Classpath</td>
<td>C:\omnigen\omnigen\OmniServer\omnigen\OmniCommandLineLib</td>
<td>Defines the classpath used when starting this service.</td>
</tr>
<tr>
<td>Log Directory</td>
<td>C:\omnigen\omnigen\OmniServer\omnigenData\logs\command</td>
<td>Defines the location where command log files will be written.</td>
</tr>
</tbody>
</table>

Email Notification Tab

The Email Notification tab, shown in the following image, is used if you have selected the option to generate email alerts during the Omni-Gen installation process.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Name</td>
<td>OmniAlert</td>
<td>Defines the name of this Omni-Gen service.</td>
</tr>
<tr>
<td>Enable/Disable Email Notifications on Failure</td>
<td>true</td>
<td>Used to enable or disable email notifications regarding work order failures.</td>
</tr>
<tr>
<td>Enable/Disable Email Notifications on Start</td>
<td>true</td>
<td>Used to enable or disable email notifications when work order processing starts.</td>
</tr>
<tr>
<td>Mail Server Type</td>
<td>smtp</td>
<td>The email server protocol.</td>
</tr>
<tr>
<td>Mail Server Hostname</td>
<td></td>
<td>The outbound email server hostname (ex. smtp:587).</td>
</tr>
<tr>
<td>Mail Server Port</td>
<td></td>
<td>The outbound email server port.</td>
</tr>
<tr>
<td>Authentication Required?</td>
<td>true</td>
<td>Is authentication required for the email account?</td>
</tr>
<tr>
<td>Enable a secure connection (TLS/SSL)?</td>
<td>true</td>
<td>Enable/disable a secure connection for the account.</td>
</tr>
<tr>
<td>Mail Server Username</td>
<td></td>
<td>The outbound email server username.</td>
</tr>
<tr>
<td>Mail Server Password</td>
<td></td>
<td>The outbound email server password.</td>
</tr>
<tr>
<td>Default From Address</td>
<td><a href="mailto:admin@customer.com">admin@customer.com</a></td>
<td>The default outbound email from address.</td>
</tr>
<tr>
<td>Default To Address(es)</td>
<td><a href="mailto:admin@customer.com">admin@customer.com</a></td>
<td>A single or SPACE separated list of email recipients.</td>
</tr>
</tbody>
</table>

You can modify these settings after Omni-Gen has been installed according to the application requirements, which can change over time.
Database Configuration Settings

The *Databases* section, shown in the following image, allows you to configure and tune the database that was specified during the Omni-Gen installation.

![Image of Database Configuration Settings](image)

The database repository is used heavily by various Omni-Gen components across the entire data processing life cycle. As a result, it is important to note the current settings and coordinate with your database administrator to identify the optimal configuration and balance for connection pooling, and other related tuning options.

Database configuration parameters and settings are organized by the following tabs in the *Databases* section:

- Default
- Model
- Ramp
- Mastering
- Consumption
Note: The Consumption tab contains database settings used by Omni-Gen Consumption View, which is a customizable data model builder with dynamic views to empower business analytics and reporting. Consumption View allows data analysts and administrators to develop metrics and analytics from data collected into an Omni-Gen data repository. For more information, see the Omni-Gen™ Consumption View User’s Guide.

Managed Services Configuration Settings

The Managed Services section, shown in the following image, allows you to control the relevant Omni-Gen services from a single console perspective, instead of accessing each service directly.

You can configure various settings using the Omni Console and the settings will be applied to the managed service. Doing so will require you to restart the relevant managed service in addition to any of the related services that can be impacted.
The Product License section, shown in the following image, provides license information about your installation.
User Management

The Omni Console supports one user admin. The default user name and password for this user admin is *ibi*.

To modify the user name and password:

1. In the left pane of the Omni Console, click *Configuration* and then *Runtime*.

   The Console Admin Username and Console Admin Password parameters are available in the Runtime tab, as shown in the following image.

2. To modify the default user name, click the *Edit* icon to the left of the Console Admin Username parameter.
3. In the Value field, specify a new user name, and then click Update.

4. To modify the default password, click the Edit icon to the left of the Console Admin Password parameter.
The Console Admin Password dialog box opens, as shown in the following image.

5. In the Value field, specify a new password, and then click Update.

Note: You must restart the Omni Controller for any changes made to the user name and/or password to take effect.

Managing Deployment Bundles

The Deployment section enables you to manage the installed deployment bundle, as well as retrieve information on the associated Subjects. You can replace the current deployment, as required, or simply update the deployment from a new bundle.
In the left pane of the Omni Console, click *Deployment*, as shown in the following image.

The following table lists and describes the available buttons on the Deployment toolbar.

<table>
<thead>
<tr>
<th>Toolbar Button</th>
<th>Description</th>
</tr>
</thead>
</table>
| Install/Replace Bundle | Opens a dialog box, which allows you to browse your file system and select a bundle to deploy as a replacement.  
|                       | The option is labeled *Install Bundle* or *Replace Bundle* if an existing bundle is available.  
|                       | **Note:** If a database exists, then it will be cleaned and all data will be lost. |
| Update Bundle         | Opens a dialog box, which allows you to browse your file system and select a bundle to deploy as an update.  
|                       | It is expected to be a derivative of the current bundle. For example, a new column/attribute or a plan change.  
|                       | **Note:** The database is not cleaned. |
## Toolbar Button

<table>
<thead>
<tr>
<th>Toolbar Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset Environment</td>
<td>Resets the environment to its original state, when it was first deployed.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong></td>
</tr>
<tr>
<td></td>
<td>- This action opens a dialog box to confirm this operation.</td>
</tr>
<tr>
<td></td>
<td>- This is a destructive operation and should be used with caution.</td>
</tr>
</tbody>
</table>

### Viewing Information for the Installed Bundle

The Installed Bundle Information area in the Deployment pane provides a summary of the current bundle, as shown in the following image.

<table>
<thead>
<tr>
<th>Installed Bundle Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>IBI</td>
</tr>
<tr>
<td>Created By</td>
<td>IBI Deployment Bundler</td>
</tr>
<tr>
<td>Created Date</td>
<td>9/29/18 7:33 AM</td>
</tr>
<tr>
<td>Release Number</td>
<td>0.5.0 RC.0</td>
</tr>
<tr>
<td>Version</td>
<td>0.5.0_RC.0_170929079502</td>
</tr>
<tr>
<td>Installed Date</td>
<td>2018-07-18 18:42:28.844</td>
</tr>
<tr>
<td>Release Notes</td>
<td>Final Bundle (Updates based on Source Status Code Changes)</td>
</tr>
</tbody>
</table>
Viewing Subjects

The Subjects area in the Deployment pane lists all of the Subjects that are defined within this deployment, as shown in the following image.

<table>
<thead>
<tr>
<th>Name</th>
<th>Cleansed</th>
<th>Mastered</th>
</tr>
</thead>
<tbody>
<tr>
<td>SourceCodeMap</td>
<td>false</td>
<td>false</td>
</tr>
<tr>
<td>SourceCodeSet</td>
<td>false</td>
<td>false</td>
</tr>
<tr>
<td>SourceCodeStandard</td>
<td>false</td>
<td>false</td>
</tr>
<tr>
<td>cust</td>
<td>true</td>
<td>true</td>
</tr>
<tr>
<td>item</td>
<td>true</td>
<td>true</td>
</tr>
<tr>
<td>store</td>
<td>true</td>
<td>true</td>
</tr>
<tr>
<td>supp</td>
<td>true</td>
<td>true</td>
</tr>
</tbody>
</table>
Specific operations can be performed on a selected subject, as shown in the following image.

These operations range from simply reviewing the structure of the subject through its schema or a physical example (Omni Input Document), to the ability to run a single instance or multiple instances through the system for testing purposes utilizing auto generated sample data. This can be used for simple tests of the environment or performance testing.

To view this context menu, click the menu icon that corresponds to a subject in the first column of the Subjects table.

The following table lists and describes the available operations that can be performed for a selected subject.

<table>
<thead>
<tr>
<th>Operation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>View Example</td>
<td>Views an example for the selected subject. For more information, see Example Viewer on page 33.</td>
</tr>
<tr>
<td>View XSD</td>
<td>Views the XML Schema Document (XSD) for the selected subject. For more information, see XSD Viewer on page 34.</td>
</tr>
<tr>
<td>Operation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>View IDS</td>
<td>Views the Interface Document Specification (IDS) for the selected subject. For more information, see <em>IDS Viewer</em> on page 35.</td>
</tr>
<tr>
<td>Download Documentation</td>
<td>Downloads the documentation for the selected subject. For more information, see <em>Downloading Documentation</em> on page 35.</td>
</tr>
<tr>
<td>Reprocess Subject</td>
<td>Reprocesses the selected subject. When complete, a message displays in a green banner at the top of the window indicating that the reprocessing of the item was successful.</td>
</tr>
<tr>
<td>Process Test Subjects</td>
<td>Displays the processing menu for the selected subject. For more information, see <em>Process Test Subject</em> on page 36.</td>
</tr>
</tbody>
</table>
Example Viewer

Selecting the View Example operation for a subject opens the Example Viewer, which displays an example of the selected subject, as shown in the following image.
XSD Viewer

Selecting the View XSD operation for a subject opens the XSD Viewer, which displays the corresponding XML Schema Document (XSD) for your review, as shown in the following image.
IDS Viewer

Selecting the View IDS operation for a subject opens the IDS Viewer, which displays the corresponding Interface Document Specification (IDS) for your review, as shown in the following image.

Downloading Documentation

Selecting the Download Documentation operation for a subject prompts you to open or save the document, as shown in the following image.
Process Test Subject

Selecting the Process Test Subjects operation for a subject opens the Process dialog box for the selected subject (for example, Patient), as shown in the following image.

Specify the number of test subjects to generate, and then click the green Play icon.
Managing Workflow Items During Subject Processing

When processing a subject in the Deployment section, you can manage specific steps in the subject workflow (for example, enabling or disabling an operation), as shown in the following image.

Monitoring Data Processing

The Processing section enables you to monitor the data processing that is occurring in the system. You can observe the overall status and any relevant messages in a unified view. This view can be sorted by columns to provide easy navigation. You can also enable filters to customize the view.
In the left pane of the Omni Console, click *Processing*, as shown in the following image.

The Processing pane is organized into the following views, which you can select from the left pane:

- Work Orders
- Measures
- Ramp Control

The default view is set to Work Orders, as active work orders are usually of most interest in production environments, as shown in the following image.
You can expand the information on any given entry by clicking the plus (+) icon and view further details.

The drop-down menu next to a specific entry enables you to view the measures (statistics), as well as logs for the given process. The measures and logs can be also accessed through the left pane, but this provides a pre-filtered approach.

The measures enable you to see details on what actions have occurred during the process, the number of processed records, and its duration. It enables further drill-down capabilities into detailed processing and its statistics. This allows for identification of bottlenecks and their resolution.

![View Measures](image)

### Blocked Work Order Status

As of Version 3.14, the console provides information explaining why a work order that is Ready to process was blocked from execution.
The possible blocked reasons are shown in the following table.

<table>
<thead>
<tr>
<th>Reason</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBJECT_RUNNING</td>
<td>Another work order with the same subject is running.</td>
</tr>
<tr>
<td>SUBJECT_FAILED</td>
<td>Another work order with the same subject exists in FAILED state.</td>
</tr>
<tr>
<td>SUBJECT_PAUSED</td>
<td>Another work order with the same subject exists in PAUSED state.</td>
</tr>
<tr>
<td>SINGLETON_RUNNING</td>
<td>A work order defined as singleton is currently executing.</td>
</tr>
<tr>
<td>SINGLETON_WAITING</td>
<td>A work order defined as singleton is waiting for execution and appears before this work order in the queue.</td>
</tr>
<tr>
<td>MASTERING_PENDING</td>
<td>Work order cannot be executed until mastering is done on the subject.</td>
</tr>
</tbody>
</table>
The following image shows an example of a blocked work order with the SUBJECT_RUNNING explanation.

<table>
<thead>
<tr>
<th>Source</th>
<th>Status</th>
<th>Result</th>
<th>Reason</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BLOCKED</td>
<td></td>
<td>Another work order with the same subject exists in a FAILED state. TRANSACTION ID = 450b9866-eac3-4648-95a4-50894761c3f5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BLOCKED</td>
<td></td>
<td>Another work order with the same subject exists in a FAILED state. TRANSACTION ID = af6730ba-4be1-44e1-941b-96471f1d27d8</td>
<td></td>
</tr>
<tr>
<td>TestSource</td>
<td>COMPLETE</td>
<td>FAIL</td>
<td>Exception during Cleansing processing: Not Found for URL <a href="http://mattc-OptiPlex-7020.ibi.com:9504/Customer/cleanse?process_id=450b9866-eac3-4648-95a4-50894761c3f5&amp;server_address=mattc-OptiPlex-7020&amp;server_port=9532">http://mattc-OptiPlex-7020.ibi.com:9504/Customer/cleanse?process_id=450b9866-eac3-4648-95a4-50894761c3f5&amp;server_address=mattc-OptiPlex-7020&amp;server_port=9532</a></td>
<td>2020-01-14 02:53:17.786</td>
</tr>
</tbody>
</table>

**Viewing Logs**

The *System* section enables you to view all of the logs, messages, and codes for your Omni-Gen environment.
In the left pane of the Omni Console, expand System, and select Logs, Messages, or Codes from the menu, as shown in the following image.

To enable logging in the Omni Console, you must ensure that the Kibana services are properly configured. This service uses two ports to interact with Kibana. The default console port, which is located in the underlying property file is 9515 and is set by the following property:

```
server.elk.kibana.port
```

The Omni Console also exposes the Kibana listener port, which enables the internal interaction and must be set to 5601.

After properly configuring the listener port, you can start the Kibana service directly through the Omni Console.
Testing Your Deployment Bundle

The *Testing* section enables you to test your deployment bundle directly in the Omni Console and view the results that are returned.

In the left pane of the Omni Console, click *Testing*, as shown in the following image.

You can paste sample data directly into the available field or select a specific file. Click *Process* when you are ready to proceed.
Consoles

The Consoles section enables you to have direct access to other relevant consoles for related services (for example, cleansing, matching, merging, and remediation). This ensures a unified single access point for all your needs to address monitoring and management aspects of the Omni-Gen environment.

In the left pane of the Omni Console, click Consoles, as shown in the following image.
You can select one of the following consoles from the table that is displayed:

- Controller Swagger UI
- Server Swagger UI
- Cleansing
- Matching
- Merging
- Remediation
- Deployment Bundler UI
- Repository Swagger UI
- OGC Tomcat Service
- OGC WSO2 Portal
- Consumption View Builder
The Operations section provides a detailed view into system resource utilization, transaction processing, execution statistics, and other relevant data to optimize the Omni-Gen system and isolate any performance bottlenecks. This area is separated into relevant sub-sections, based on the product area that is most resource intensive.

The Operations section is meant to be a supplement to other performance monitoring tools, such as Java monitoring, database monitoring, tuning facilities, and other related third-party tools. It is not meant to be a replacement, but rather a supplemental tool to help identify and isolate potential problems in the Omni-Gen system.
From the System Diagnostics tab, you can also quickly generate a diagnostic .zip file, as shown in the following image.

You can share this diagnostic .zip file with Customer Support Services to isolate and troubleshoot any issues, as required.

**Downloads**

The Downloads section, available as of Version 3.14, enables you to download the Omni Designer, as well the necessary security certificates and profiles to connect to the remote Omni Designer Repository server. This enables Omni Designer in Cloud installations and access to remote Omni Designer repositories.
In the left pane of the Omni Console, click Downloads, as shown in the following image.

![Omni Console Downloads](image)

The Downloads page provides support for those users working with a remote instance of Omni-Gen who need the Omni Designer functionality in their local environment. It provides two different options, depending on the use case.

**Configuration.** The download configuration option is for users who already have Omni Designer installed on their local machine, but need to update their configuration. It contains all of the settings, profiles, and necessary security certificates for accessing a remote Omni Designer Repository.

**Executable.** The download executable option is for users who do not have Omni Designer installed. It contains all of the configurations mentioned for Configuration, in addition to the actual Omni Designer application. You specify the appropriate operating system (Windows or Linux/UNIX) after clicking the Downloads button.
To download the zip file that contains the Omni Designer installation and configuration files, click the Omni Designer desktop application icon and select the platform, as shown in the following image.

The necessary security certificate and profiles to access a remote Omni Designer repository will be downloaded. A status bar displays until the download is fully buffered and ready to be saved. The download is approximately 160MB.
**Procedure:** How to Update an Existing Installation of Omni Designer

1. Unzip the zip file that contains the Omni Designer installation and configuration files (for example, OmniDesignerConfiguration-datetime.zip) to a specific location. You will point to this location using a setting in a configuration file. After unzipping the file, you will see the directory structure, as shown in the following image.

   ![Directory Structure Image]

   **Note:** You only need to keep the OmniGenData/emfstore subdirectory.

2. Navigate to the omnigen/OmniDesigner directory, as shown in the following image, and edit the OmniDesigner.ini file.
**Note:** In earlier versions, for example, 3.1.x, the OmniDesigner.ini file was called eclipse.ini, as shown in the following image.

3. Ensure that the OmniDesigner.ini file points to the local directory where you copied the OmniGenData/emfstore (for example, C:\IBI\emfstore), as shown in the following image.

4. If Designer is already running, restart it.
How to Set Up a New Installation of Omni Designer

1. Unzip the OmniDesigner-windows-datetime.zip file to a specific location. After unzipping the file, you will see the directory structure, as shown in the following image.

2. Copy the Omni Designer directory (this is the application) to any location on your machine. You will point to this location using a new setting in a configuration file.

3. Copy the OmniGenData/emfstore directory to any location on your machine.

4. Navigate to the omnigen/OmniDesigner directory and edit the OmniDesigner.ini file.

5. Ensure that the OmniDesigner.ini file points to the local directory where you copied the OmniGenData/emfstore (for example, C:IIBI\emfstore).

6. If Designer is already running, restart it.
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