

Oracle Utilities Smart Grid Gateway

Release Notes for:

MV90 Adapter for Itron
Adapter for Itron OpenWay
Adapter Development Kit

Release 2.1.0 Service Pack 1

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Preface

These release notes describe enhancements and known issues for Oracle Utilities Smart Grid Gateway version 2.1.0.1 (also referred to as version 2.1.0 Service Pack 1).

Audience

Oracle Utilities Smart Grid Gateway Release Notes is intended for anyone installing or using the Oracle Utilities Smart Grid Gateway.

Related Documents

For more information, see these Oracle documents:

- *Oracle Utilities Smart Grid Gateway Quick Install Guide*
- *Oracle Utilities Smart Grid Gateway Installation Guide*
- *Oracle Utilities Smart Grid Gateway Database Administrator's Guide*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Chapter 1

Release Notes

These release notes contain the following sections:

- [About This Release](#)
- [Supported Upgrades](#)
- [Supported Platforms](#)
- [Database Changes](#)
- [New Functionality](#)
- [Oracle Utilities Application Framework Enhancements](#)
- [Known Issues](#)
- [End of Support Notices](#)
- [Supported Integrations](#)
- [Demo Data Information](#)

About This Release

This section contains general information about Oracle Utilities Smart Grid Gateway version 2.1.0.1 (also referred to as version 2.1.0 Service Pack 1). This release of Oracle Utilities Smart Grid Gateway includes the following components:

- Oracle Utilities Application Framework 4.2.0.1
- Oracle Utilities Service and Measurement Data Foundation 2.1.0.1

Note: In previous releases, Oracle Utilities Service and Measurement Data Foundation was referred to as Oracle Utilities Meter Data Framework.

Please visit My Oracle Support (<http://support.oracle.com>) for the most recent service packs and patches for this release to ensure you have the most current version of this product.

Supported Upgrades

Upgrades are supported for customers upgrading from Oracle Utilities Smart Grid Gateway version 2.0.0.9 or higher to version 2.1.0.1 for the following adapters:

- MV90 Adapter for Itron
- Adapter for Itron OpenWay
- Adapter Development Kit

Supported Platforms

Please refer to the *Oracle Utilities Smart Grid Gateway Quick Install Guide* included in this release for an updated list of supported platforms.

Database Changes

This version Oracle Utilities Smart Grid Gateway includes the following database enhancements:

- When moving to this service pack, the following indexes have been dropped due to having very low cardinality on the D1_MSRMT_LOG table and the D1_INTT_MSRMT_DATA_LOG table: D1T300S1, D1T300S2, D1T306S1, D1T306S2.
- When moving to this service pack, the following index has been dropped due to performance considerations for IMD processing from the D1_MSRMT table: D1T298S2.

New Functionality

This section describes new features and functionality in this release of Oracle Utilities Smart Grid Gateway, including:

Integration for Outage Operations

This release of Oracle Utilities Smart Grid Gateway supports integration with outage management systems. For example, this integration can provide power outage information, restoration information, and message filtering in support of the Outage Management System capability of Oracle Utilities Network Management System. The integration assists in outage detection, outage verification, and restoration verification. It supports the following functionality:

- Meter status information is provided to the outage management system.
- Meter ping requests are received from the outage management system for sending a device status check to the AMI head-end for a power-on status from one or more meters. Batch ping responses are then sent back the outage management system. This functionality uses the device status check command and bulk command processing in Oracle Utilities Smart Grid Gateway.

Note: The meter ping functionality in this integration is supported only for adapters that support the Device Status Check/Ping command.

- Device event notifications from Oracle Utilities Smart Grid Gateway to the outage management system can be suppressed for one or more meters. By suppressing notifications you can prevent messages from being sent from bad meters that provide false statuses, or meters that are being put into a test mode.

This integration process is supported through a set of business objects, XAI inbound communications, and a master configuration. For more information, refer to the *Oracle Utilities Smart Grid Gateway Integration for Outage Operations Implementation Guide*.

Oracle Utilities Smart Grid Gateway customers do not require an additional license for this integration, but they must install an additional package. For information about downloading and installing the integration package, refer to the *Oracle Utilities Smart Grid Gateway Integration for Outage Operations Installation Guide*.

Oracle Utilities Application Framework Enhancements

This release includes Oracle Utilities Application Framework version 4.2.0 Service Pack 1, which includes enhancements. For information about these enhancements, refer to the following documents:

- The *Oracle Utilities Application Framework Service Pack 1 (V4.2.0.1.0) Release Notes*. This document provides information about specific framework modifications and is included in the documentation delivered with this release.
- The Oracle Utilities Application Framework administration guide and business process guide. These documents are included with the documentation that is delivered with this release.
- The white paper *What's New In Oracle Utilities Application Framework V4*. This document will be available on My Oracle Support at <http://support.oracle.com> (Article ID 1177265.1).

Known Issues

This section describes known issues in Oracle Utilities Smart Grid Gateway version 2.1.0.1 at the time of release. Single fixes for these issues will be released at a later date.

Adapter for Itron OpenWay Known Issues

This following table lists known issues in the Adapter for Itron OpenWay at the time of this release.

Bug Number	Description
17030889	An on demand read interval activity with initial measurement option may incorrectly stay in the waiting for measurements state when processed by batch control. This issue does not affect on demand read scalar activities. The workaround is to process the activity manually instead of through a batch control.
17030936	An on demand read interval activity with final measurement option may incorrectly stay in the waiting for measurements state when processed by batch control. This issue does not affect on demand read scalar activities. The workaround is to process the activity manually instead of through a batch control.

Integration for Outage Operations Known Issues

This following table lists known issues in the Integration for Outage Operations at the time of this release.

Bug Number	Description
17024394	The batch process used to manage incoming paired events generates two subscriber notification messages.
17055418	The batch process used to send results for batch ping requests sends the results twice.

End of Support Notices

This section describes items that are no longer supported in this release:

- Internet Explorer 7.0

Supported Integrations

The following integrations are supported in this version of Oracle Utilities Meter Data Management:

Oracle Utilities Product Integrations

Oracle Utilities Smart Grid Gateway 2.1.0.1 / Oracle Utilities Network Management System 1.11.0.4

Demo Data Information

The application delivers a demo database based on the application versions provided with the release, including Oracle Utilities Application Framework. Demo data provides sample configuration and data for key application features.

Demo data is included in the service pack. Please refer to the Database Administrator's Guide for more information about installing the demo database, or contact Oracle Support.