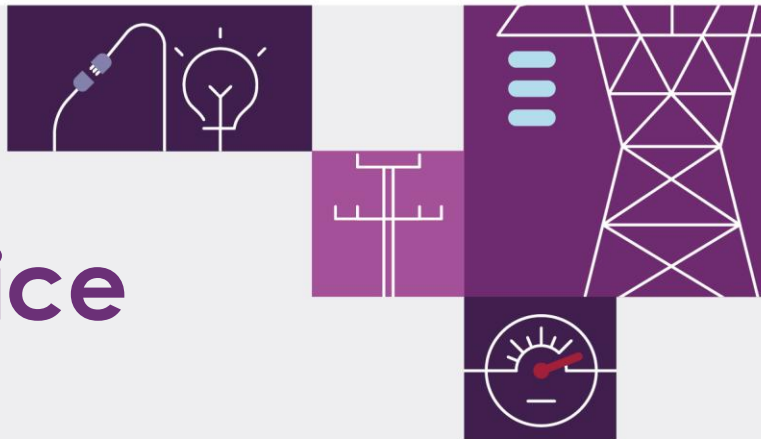




pdrBatcher



Important notice

Purpose

This Participant Data Replication Batch Implementation Note, prepared by the Australian Energy Market Operator (AEMO), provides guidance for Participant Data Replication Batch Software under the National NER or NGR (Rules).

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v5.00 Changed: Certification of operation against Oracle JRE 11 to against OpenJDK 11.

Documents made obsolete

The release of this document changes only the version of Participant Data Replication Batch Implementation Note.

Feedback

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's Support Hub.

Contents

- 1 Introduction 1**
 - 1.1 Purpose 1
 - 1.2 Audience..... 1
 - 1.3 Scope 1
 - 1.4 What’s in this guide 1
 - 1.5 How to use this guide 1
- 2 Improvements 3**
- 3 Supportability 4**
- 4 Implementation Instructions 5**
 - 4.1 Upgrading from v7.6.x to v7.6.1.3 5
- 5 Needing Help 8**
 - 5.1 AEMO’s Support Hub 8
 - 5.2 Information to provide 8
 - 5.3 Feedback 9
- 6 References 10**
 - 6.1 About DI 10
 - 6.2 DI framework 10
 - 6.3 DI help 10
 - 6.4 pdrBatcher 10
 - 6.5 Software..... 10
 - 6.6 Reports..... 11
 - 6.7 Releases 11
- 7 Index 12**



1 Introduction

1.1 Purpose

This guide describes the changes to the Participant Data Replication Batchter Software (pdrBatcher) v7.6.1.3 patch, and instructions for upgrading an existing pdrBatcher v7.6.x implementation.

1.2 Audience

This document is for use by participants' IT teams implementing pdrBatcher v7.6.1.3.

1.3 Scope

The Participant Data Replication Batchter Software is part of the Data Interchange suite of products. For details of more guides in the suite, see Re on page 10.

1.4 What's in this guide

- Improvements on page 3 describes the enhancements in pdrBatcher v7.6.1.3.
A successful upgrade involves understanding the changes between the versions.
- Implementation Instructions on page 5 to upgrade to v7.6.1.3, the property file additions and deletions, including key differences from the previous version.
Depending on the changes, the process for implementing an upgrade can vary from version to version.
- Needing Help on page 8 provides information for participants needing assistance.
- References on page 10 provides a list of Data Interchange related resources.

1.5 How to use this guide

Read this implementation note along with the Data Interchange Framework.

- This document is written in plain language for easy reading. Where there is a discrepancy between the Rules and information or a term in this document, the Rules take precedence.



- The references listed throughout this document are primary resources and take precedence over this document.
- References to software are to the Participant Data Replication Batch Software, unless specified otherwise.
- **Text in this format** indicates a reference to a document on AEMO's website.
- **Text in this format** indicates a link to related information.
- Glossary terms are capitalised and have the meanings listed in the **Data Interchange Framework and Glossary**.

2 Improvements

The improvements in pdrBatcher v7.6.1.3 patch release includes a single defect fix from the previous release. This patch corrects an issue when consuming data from nemweb.com.au by supporting case-sensitive URL references.

This change is required due to a planned future migration of the NEMWeb service to a new underlying hosting platform. The new platform enforces case-sensitive URL handling. See [NEMWeb Platform Migration](#).

All URL paths must exactly match the case used in the NEMWeb directory structure. This requirement applies to both directory (folder) and file URLs.

You do not need to implement this patch release if your pdrBatcher installation does not consume data from nemweb.com.au. If this patch release is relevant to you, ensure you are using the https protocol for consuming data from nemweb.com.au. See [Decommissioning HTTP Support](#).



3 Supportability

The pdrBatcher v7.6.1.3 patch is supported for pdrBatcher v7.6.0 (Windows users) and pdrBatcher v7.6.1 (Linux users).

Windows users currently running v7.6.0, do not need to upgrade to v7.6.1 before applying the patch.



4 Implementation Instructions

4.1 Upgrading from v7.6.x to v7.6.1.3

4.1.1 Properties file updates

No properties are introduced for v7.6.1.3.

4.1.2 Properties file deletions

No properties are made obsolete for v7.6.1.3.

4.1.3 Manual Installation process

Follow the steps below to manually upgrade an existing Participant Data Replication Batchter Software v7.6.x to v7.6.1.3 installation:

1. Confirm you are running pdrBatcher v7.6.0 (Windows users) or pdrBatcher v7.6.1 (Linux users).
2. Shutdown the pdrBatcher v7.6.x service.
3. Backup your pdrBatcher v7.6.x installation folder.
4. Replace the AppPdrBatcher.jar in your local pdrBatcher lib folder by copying the patched AppPdrBatcher.jar from the pdrBatcher v7.6.1.3 Releases folder.
5. Check the timestamp of the AppPdrBatcher.jar to ensure it is the latest one.
6. Check pdrBatcher.properties and validate the NEMWeb data source is using the https protocol.

A NEMWeb data source is identified by a configuration operating in “web” mode. For example, if the data sourced is named “NEMWeb”, update its configuration block so its referenced URL uses the https protocol.



```
# define "NEMWeb" data source
batcher_NEMWeb_mode=web
batcher_NEMWeb_url=https://nemweb.com.au
batcher_NEMWeb_timeout_connection=10
batcher_NEMWeb_timeout_transfer=120
batcher_NEMWeb_proxy_host=nemproxy
batcher_NEMWeb_proxy_port=8080
batcher_NEMWeb_dir=/Reports/CURRENT
```

7. Ensure all NEMWeb directory references in pdrBatcher.properties match the exact case as displayed in the folder names within the [NEMWeb directory listing](#). For example:

```
# define "NEMWeb" data source
batcher_NEMWeb_mode=web
batcher_NEMWeb_url=https://nemweb.com.au
batcher_NEMWeb_timeout_connection=10
batcher_NEMWeb_timeout_transfer=120
batcher_NEMWeb_proxy_host=nemproxy
batcher_NEMWeb_proxy_port=8080
batcher_NEMWeb_dir=/Reports/CURRENT
```

8. Ensure all batcher thread folder references in pdrBatcher.properties use the exact case as listed in the [NEMWeb directory listing](#). For example:

```
# Thread 1 : EMMS high priority dispatch thread
batcher_thread_1_source=NEMWeb
batcher_thread_1_dest=local
batcher_thread_1_inc=PUBLIC_*
batcher_thread_1_timeout=120
batcher_thread_1_polling_interval=15
batcher_thread_1_pause_interval=0.5
batcher_thread_1_activity_monitor=Y
batcher_thread_1_mode=CONSUMER_CACHE
batcher_thread_1_sub_dir=DispatchIS_Reports
batcher_thread_1_sub_dir_dest=N
```



Use the folder names exactly as displayed in the [NEMWeb directory listing](#) (the hyperlink entries). Do not rely on the case currently shown in the browser URL or the page header, as these may reflect the case entered in the request rather than the stored directory name.

9. Start the pdrBatcher v7.6.1.3 service

10. Check the pdr.log in the Log folder to confirm the correct version is running and to identify any errors. For help, see **Guide to Participant Data Replication Batchers**.



5 Needing Help

5.1 AEMO's Support Hub

For non-urgent issues, normal coverage is 8:00 AM to 6:00 PM on weekdays, Australian Eastern Standard Time (AEST).

IT assistance is requested through one of the following methods:

- Phone: 1300 AEMO 00 (1300 236 600)
- [Contact Us](#) form on AEMO's website

AEMO recommends participants call AEMO's Support Hub for all urgent issues.

5.2 Information to provide

Please provide the following information when requesting assistance from AEMO:

- Your name
- Organisation name
- Participant ID
- System or application name
- Environment: production or pre-production
- Problem description
- Screenshots

For AEMO software-related issues please also provide:

- Version of software
- Properties or log files
- Support dump for diagnosis, generated from pdrMonitor (if Data Interchange problem)



5.3 Feedback

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's Support Hub.



6 References

6.1 About DI

- Information about setting up a Data Interchange environment: Data Interchange Help > [About Data Interchange](#).

6.2 DI framework

- Explains Data Interchange components and provides important upgrade information: Data Interchange Help > [Framework](#).

6.3 DI help

- [Data interchange online help](#)

6.4 pdrBatcher

- **Participant Data Replication Loader GUI Installer Guide:** FTP to [146.178.211.2](#) > pdrBatcher.
- [Guide to Participant Data Replication Batcher](#)

6.5 Software

You can find DI software in the following locations.

Existing participants

- Releases folder on the Participant File Server: FTP to [146.178.211.2](#) > pdrMonitor.

New Participants (not having access to the Markets Portal or Releases folder)

- The Data Interchange bundles on [AEMO's website](#) > electricity or gas IT Systems web pages.



6.6 Reports

- Data Interchange Help > [Data Model Reports](#).

6.7 Releases

- Data Interchange Help > [Release Documents](#).



7 Index

| | | |
|------------------------------|----------|--------------------------------------|
| | A | |
| About DI, i | | pdrBatcher, i |
| | D | Properties file deletions, i |
| | | Properties file updates, i |
| Data Interchange software, i | | R |
| DI framework, i | | Releases, i |
| DI help, i | | Reports, i |
| | I | S |
| Installation process, i | | Software, i |
| | P | U |
| Participant File Server, i | | Upgrading from v7.6.1 to v7.6.1.3, i |