



GUIDE TO UPGRADING A STANDARD DATA INTERCHANGE ENVIRONMENT

EXPLAINS HOW TO UPGRADE YOUR DATA INTERCHANGE
ENVIRONMENT FOR A NEW DATA MODEL RELEASE

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HOW TO APPLY A DATA MODEL UPGRADE

You are required to apply upgrades to your Data Interchange (DI) environment in line with each AEMO release (usually twice yearly). AEMO supports only the latest and previous versions of DI components so it is important to keep your DI environment current. DI cannot support out-of-sequence updates, so to ensure no loss of data, follow the steps in [Figure 1](#) and [Table 1](#) to upgrade your pre-production and production data model. You can find information about the current DI supported versions in the [Technical Specification](#) under [Baseline Assumptions](#).

When AEMO releases a new data model, there are three DI components that you must upgrade:

1. PDR Loader configuration
2. Data Model tables
3. Data Subscription web application



Figure 1 Upgrading your standard Data Interchange environment

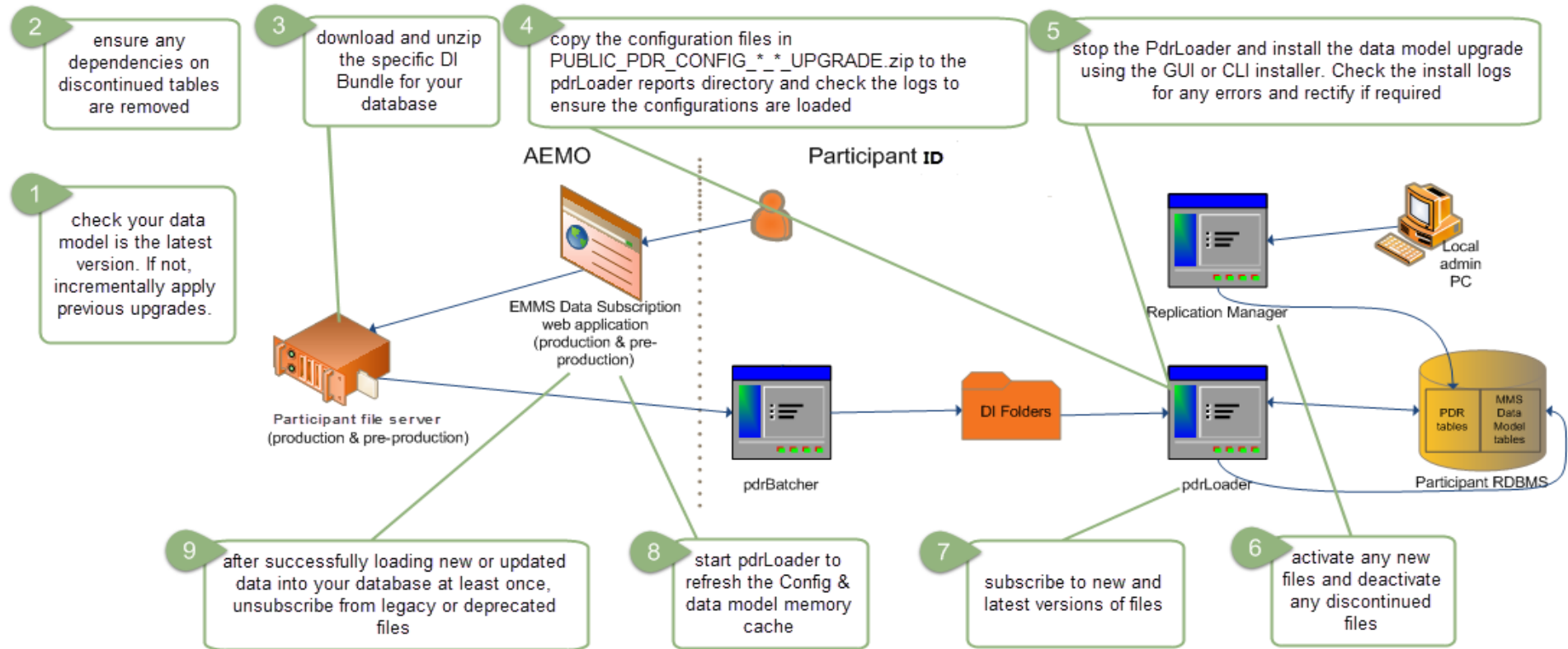




Table 1 Steps to apply a data model upgrade

* Software and references are in each DI bundle or on AEMO's website.

Step	When	What	Where	Reference*
1	Prior to release day	Check your data model is the latest version. If not, incrementally apply previous upgrades.	Your DI environment You can find previous data model versions in the Releases>MMS Data Model>Archive folder on the participant file share: FTP to 146.178.211.25	Release schedules & technical specifications. The Technical Specification has the supported data model versions under Baseline Assumptions.
2	Prior to release day	Ensure any dependencies on discontinued tables are removed.	Your own internal processes	Release Schedule & Technical Specification
3	1 week prior to release day	Download and unzip the specific DI Bundle for your database that contains all the required scripts and documentation.	DI software and documentation is in the following locations: <ol style="list-style-type: none"> 1. Releases> MMS Data Model folder on the participant file share: FTP to 146.178.211.25 2. Data Subscription web application in the energy market systems web portal: <ul style="list-style-type: none"> ■ Production: https://portal.prod.nemnet.net.au ■ Pre-production: https://portal.preprod.nemnet.net.au 3. IT Systems & Change web page on AEMO's website 	Release Schedule & Technical Specification
4	1 week prior to release day	Copy the configuration files in PUBLIC_PDR_CONFIG_*_*_UPGRADE.zip to the pdrLoader reports directory and check the logs to ensure the configurations are loaded. To avoid any loss of data during the upgrade, ensure the pdrLoader property "file_load_config_versioned" is set to TRUE.	pdrLoader	Data Model pdrLoader Configuration Implementation Note README.txt



Step	When	What	Where	Reference*
5	1 week prior to release day	Stop the PdrLoader and install the data model upgrade using the GUI or CLI Installer. Check the install logs for any errors and rectify if required.	pdrLoader	PDR Loader GUI Installer Guide Guide to Troubleshooting DI
6	1 week prior to release day	Activate the files to load into your database. Deactivate any discontinued files. This does not stop the delivery of the files to your participant ID folders.	Replication Manager	Replication Manager User Guide pdrLoaderConfiguration README.txt
7	Release day	Subscribe to the new and latest version of files so they are sent to your Participant File Share ID folders. AEMO recommends subscribing to all available files and selectively activating them to load into your database. Note: If a file changes, AEMO automatically moves your existing subscriptions to the Legacy file to ensure you continue to receive the same data. If you are on a Legacy version you must move to the current version to see the new data.	Data Model Changes menu in the Data Subscription web portal application	pdrLoader User Guide
8	Release day	Start the pdrLoader to refresh the Config and data model memory cache.	pdrLoader	pdrLoader User Guide
9	After successfully loading new data into your database at least once	Check for errors in the pdrLoader logs. Unsubscribe from any Legacy or deprecated files to stop them being delivered to your Participant File Share ID folders.	Data Model Changes menu in the Data Subscription web portal application	MMS Data Subscription Services User Guide