

2.3 Release Announcement

Dino-Software is pleased to announce Version 2 Release 3 of UDM is generally available for distribution.

UDM is the only tool needed to manage the challenges and complexities of the forever increasing amount of storage connected to z/OS systems. Before UDM, this growth had resulted in essential tasks, such as Audits, being deferred, and fundamental tasks, such as initializing volumes, being performed with compromised control and thereby an increased risk due to the likelihood of errors.

UDM provides a consolidated global view of the enterprise Storage environment extending Automation, Auditing, Monitoring, Reporting and the Control Functions of data via a mouse click. It is the easiest tool to install and the most user friendly utility in the market.

Using the UDM GUI interface, users can:

- **Automate** the management of z/OS objects by dynamically reacting to Console messages or conditions, or users can schedule timed processes to interrogate the status of an object.
- **Monitor** the status of z/OS objects via the centralized monitor, which allows a user to view and react to alerts from all z/OS Systems via a single GUI window.
- **Report** on all aspects of enterprise z/OS Storage subsystems centrally, in real time or historically, using SQL filters. Using a single request, for example, a user can view the status of Storage groups on all of their z/OS Systems in a central window.
- **Maintain** z/OS Systems using the Command or JCL interfaces which allow users to centrally define, store and run Z/OS commands or JCL decks.
- **Simplify** z/OS maintenance task using the supplied Explorers, Wizards and Object management facilities.

Simplified installation, minimal customization, and pre-configured processes empower users to install and gain the benefits from UDM in minutes rather than days like other products on the market.

New Features with UDM 2.3

- **Explorer Interface**

Support has been added to the GUI to enable web style navigation via an Integrated Explorer Interface.

- ZFS Mounted Files can easily be explored by drilling down into the folders and files making up the ZFS Aggregate.

- Storage groups can be explored by drilling down to easily identify the Volumes and Datasets with the Storage Groups.
 - Catalogs can be explored by drilling down to the Alias and Dataset entries associated to the Catalogs.
- **z/OS Volume Initialization Wizard**
The cumbersome task of volume initialization is now simplified and ensures:
 - Verification to ensure nothing is on the volumes, and the volumes are offline for all systems.
 - Volumes names are automatically generated based on user input criteria, and it also ensures Source and Target name conflicts do not occur.
- **Object Automation**
Automation support has been extended to allow Storage Group and Catalog rule-based events such as Email notification or the submitting of JCL when a condition occurs.
- **Reporting Additions**
Multiple reporting enhancements have been added:
 - IBM – reporting on Tape libraries, Tape volumes and Tape Units
 - FDR – reporting on volume options, volume backups and ABR backups
 - EMC DLM – reporting on space, virtual volumes and virtual devices
 - TLMS – reporting on volumes, datasets
 - HSM Audits- reporting on BCDS, MCDS and OCDS issues
 - Space Groups – reporting on usage by user specified application groups including Online, Archive, Backup and Tape Space usage.
- **JES3 Support**
Support has been added for JES3.
- **Sysplex-wide passwords**
Support has been added for Sysplex-wide passwords, allowing Users to assign a Global RACF Userid per Sysplex.
- **Message Reply ID variables**
Support has been added to allow users the ability to automate the reply to WTOR messages.
- **Automation History Records**
Enhancements have been made allowing users to view previous messages which have been trapped, as well as schedule run times.

Key Features in UDM

Enterprise Level Management

Using the GUI interface, a user has access to all Systems in their Enterprise from a single window and no longer has to logon to each System or Sysplex to perform tasks.

- UDM can run requests on multiple Systems in parallel.
- Output from any request is returned to a single GUI window.

Command and JCL Management

Management of Commands and JCL is now at the Enterprise level, rather than each user having their own sample JCL or Command libraries on each System.

- UDM provides the facility to create Enterprise level Command or JCL decks stored in a single location.
- Variables can be used to ensure generic Commands or JCL decks can be created.
- Commands or JCL decks can be submitted to one or more systems in a single request.
- Command output is returned from all selected systems in a single GUI window.
- Submitted JCL is monitored via the Enterprise level Spool Management facility that allows viewing the status and output from any submitted JCL.

Simple yet comprehensive Reporting

Reports using SQL filtering are generated, saved, and submitted to multiple Systems/Sysplexes in a single request, and output from all systems is returned in a single GUI window.

- Powerful Group and Sum features allow users to generate summary reports, for example, usage by High Level Qualifier.
- Drill down technology allows mining down to the lowest level. For example, if displaying Storage groups, a user can then list the volumes and then the datasets on the Volume, or when displaying datasets, show details of the management class assigned to a selected dataset.
- Export facilities allow users to easily offload the data to Excel, CSV files or Web pages via HTML.
- Integration with the Command and JCL Management features allow importing data from a report into a Command or JCL skeleton and then submitting the generated Command or JCL for processing.

Integrated Automation and Monitoring

Powerful Message trapping and scheduling features ensure the ability to automate Storage management, as required.

- Message trapper allows actions to be taken when z/OS console messages occur. Actions include submitting of commands or JCL or the running of Reports.
- Scheduler allows users to initiate actions at specific times or when Jobs end. Actions include submitting of Commands or JCL or the running of Reports.
- Out of the box, pre-defined Message traps and Schedules minimize any customization, ensuring a pre-defined Storage automation environment is available as soon as the product is installed.

Quick and Easy Installation

The quick and simple installation process ensures users obtain the benefits of powerful UDM features in minutes rather than weeks:

- The streamlined Host installation process means a user simply download the product libraries, create the parameter library (which requires only five parameters), and start the UDM Server on each system to be managed.
- The GUI installation process requires only that the GUI files are copied to a folder available to all Users of the GUI.

Unlike existing offerings, UDM integrates into an existing security setup. Having a RACF TSO userid on the required system controls and permits access to UDM.

- Commands can only be issued if the RACF TSO userid used to log into UDM has the authority.
- JCL is submitted with the authority of the RACF TSO userid used to log into UDM.
- Facilities within UDM are controlled via RACF Facility class profiles.