**HPC DME 1.13.0 Release Notes**

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| Version: 1.13.0  Date: May 3, 2019  ==============================================================  **Contents**  ==============================================================  1.0 HPC DME Introduction  2.0 Release History  3.0 New Features and Updates  4.0 Bug Reports and Support  5.0 Documentation  6.0 References  ==============================================================  **1.0 HPC DME Introduction**  ==============================================================  The NCI Data Management Environment (DME) offers open-ended storage and management of large scientific research datasets. It provided capabilities for storing, managing, transferring and sharing data across different systems securely and efficiently. It eliminates the need to maintain redundant copies of data and provides the ability to annotate, retrieve, transfer and share datasets for further research, analysis, and collaboration.  Data are stored as objects, which are organized into collections (folders). A collection might have one or more sub-collections within it. A collection can be identified by a custom collection type such as Project, Study, Sample, and so on, the default being ‘Folder’.  DME stores and associates user defined metadata with any registered data at different levels of the data life cycle, enabling the user to easily locate the data through enhanced search capabilities and download them from the archive. A Division/Office/Center (DOC) can define its own metadata structure and data hierarchy rules, and grant permission to users on a need-to-know basis.  ==============================================================  **2.0 Release History**  v1.0.0 - December 28, 2016  v1.1.0 - May 15, 2017  v1.2.0 - June 23, 2017  v1.3.0 - September 15, 2017  v1.4.0 - November 6, 2017  v1.5.0 - December 11, 2017  v1.6.0 - February 7, 2018  v1.7.0 – March 29, 2018  v1.7.1 – May 21, 2018  v1.7.2 - June 12, 2018  v1.7.3 - July 24, 2018  v1.8.0 - September 28, 2018  v1.9.0 – November 20, 2018  v1.10.0 – December 18, 2018  v1.11.0 – March 1, 2019  v1.12.0 – April 1, 2019  v1.13.0 – May 3, 2019  ==============================================================  **3.0 New Features and Updates**  ==============================================================  The following features enhancements and bug fixes have been incorporated in this release:  **Enhancements:**  HPCDATAMGM-946: Hyperlink the file paths displayed in the download task pages (single and bulk download) so that a user is able to navigate easily to get to the details page.  HPCDATAMGM-956: Added browse button in the Data Object Details page to enable a user to return back to the browse screen after viewing the metadata of the object.  HPCDATAMGM-805: Added the ability to bookmark a data object. The bookmark will take the user to the Details screen.  **Bug Fixes:**  HPCDATAMGM-1059: Fixed issues with the ‘items per page’ dropdown in the admin page. Set the page size options to 10,25,50,100 for both group and user search.  HPCDATAMGM-969: Register Collection page on the GUI does not show correct metadata when switching archive paths or collection types.  HPCDATAMGM-1020: Renamed ‘Close’ button’ as ‘Cancel’ on the Create user dialog, since it’s function is to discard the changes before closing the dialog.  HPCDATAMGM-911: When browsing to a file through a URL, if the file does not exist, an appropriate message should be displayed to the user.  HPCDATAMGM-1017: Fixed issue with Cancel button generating an error message on the Manage Group page.  HPCDATAMGM-1070: Clicking on the Task ID link that is displayed in the Download dialog box after the download has been initiated does not take the user to the Task Details page of that specific task, instead the user is taken to the Download Task main page that lists all the tasks.  HPCDATAMGM-1016: Fixed issue with Cancel button generating an error message on the Manage User page.  HPCDATAMGM-1067: Fixed issue of the old file name being displayed when a renamed file is downloaded to a Globus endpoint.  HPCDATAMGM-1069: Fixed serialization errors from CLI commands getDatafiles and getCollections.  HPCDATAMGM-1065: Fixed third party library security vulnerability reported by Github.  **Operational/Performance Improvements:**  HPCDATAMGM-820: Asynchronous bulk download requests (i.e. requests to transfer from Cleversafe to Globus or AWS S3) will now be resumed automatically after a DME server restart. The ensures that users do not need to resend registration requests that were in interrupted due to maintenance activity.  HPCDATAMGM-827: If file deletion fails due to inconsistency in the data object or metadata (i.e. one is present but not the other), then a notification is sent to the admin with the archive path of the file so that appropriate cleanup can be performed.  ==============================================================  **4.0 Bug Reports and Support**  ==============================================================  For issues, questions or suggestions, please email ncidatavault@nih.gov  ==============================================================  **5.0 Documentation**  ==============================================================  For instructions on how to use the Web User Interface, please visit <https://wiki.nci.nih.gov/display/DMEdoc/DME+User+Guide>  For the CLU command usage instructions, please refer to the DME User Guide located at  <https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_User_Guide.docx>  For details on the REST API, please refer to the API Specification located at  <https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx>  Training related documentation and presentation is available at:  <https://github.com/CBIIT/HPC_DME_APIs/tree/master/doc/training>  ==============================================================  **6.0 Resources**  ==============================================================  The following URLs access web pages relevant to HPC DME.  DME User Guide (for Web Interface only presently)  <https://wiki.nci.nih.gov/display/DMEdoc/DME+User+Guide>  HPC DME GitHub Home Page  <https://github.com/CBIIT/HPC_DME_APIs>  NCI HPC DME Agile JIRA Board Home Page:  <https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=244>  iRODS Open Source Data Management Software home page:  <https://irods.org/>  IBM Cleversafe Object Storage:  <https://www.ibm.com/cloud-computing/products/storage/object-storage/why-cos/> |
| Globus:  <https://www.globus.org> |