**HPC DME 1.15.0 Release Notes**

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| Version: 1.15.0  Date: July 9, 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  v1.14.0 – June 4, 2019  v1.15.0 – July 9, 2019  ==============================================================  **3.0 New Features and Updates**  ==============================================================  The following features enhancements and bug fixes have been incorporated in this release:  **Enhancements:**  HPCDATAMGM-1082: Restrict DME access to read-only APIs only for ‘Greylisted’ IP addresses (i.e. addresses that are in a pre-configured restricted list). This is to enable access to production data for testing purposes by authorized users from lower tier environments.  HPCDATAMGM-1107: Enable Group Admins to perform file and collection deletions for files/collections they registered within the last 60 days. This capability will be supported for both files and recursive delete of populated collections in the CLU and REST API. The web GUI will permit deletions of files and empty collections only.  HPCDATAMGM-1103: Automatically redirect user to the Manage Group page after a Group is deleted instead of having them click a button. For additional details, please refer to <https://wiki.nci.nih.gov/display/DMEdoc/Deleting+a+Group+via+the+GUI>  in the Wiki User Guide.  HPCDATAMGM-1076: Added ‘Download Selected’ option in the detailed search results page to enable download of data files returned from searches with ‘Detailed results’ on.  **Bug Fixes:**  HPCDATAMGM-1084, 1087: Fixed issue with the file and collection paths going beyond the boundary in the task details and browse screens.  HPCDATAMGM-1104: Fixed issue with editing a newly created Group due to user being retained on the create Group screen.  HPCDATAMGM-1075: Updated error message while accessing the Details screen for files that have been removed from the task details page.  HPCDATAMGM-1073: Fixed issue with Cancel button generating an error message on the Update Group page while assigning a new user to the group.  HPCDATAMGM-1079: Fixed incorrect sorting in saved searches. Added confirmation message while deleting saved searches.  HPCDATAMGM-1102: Fixed issue of Group Admins being able to add users to groups to which they do not have access. Group Admins will now be able to add users only to Groups they belong to.  HPCDATAMGM-1081: Fixed third party library security vulnerability reported by Github.  **Operational/Performance Improvements:**  HPCDATAMGM-1092: Fixed issue with the detailed search taking several minutes to return or not returning at all. Detailed search with simple compound queries will now take less than 10 seconds.  HPCDATAMGM-1085: Cancel Globus download transactions that fail due to authorization issues, so that they do not continue to be retained in the Globus queue for retries.  ==============================================================  **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> |