

ESFRI: SKA - Use Case #16

SKA Global Data Lake PoC for Astronomy-scale Data Products

04/22/2021 03:27 PM - Rosie Bolton

Status: New	% Done: 0%
Priority: High	
Assignee: Rosie Bolton	
Category:	
Target version:	
Documentation: https://docs.google.com/document/d/1H255SitHzE8k4DLCWBmu8dosxAev0Vq9Sm0GzzK2Pg8/edit#	
Description	
Contact Person / Author: Rosie Bolton	
Goal / Aim	
Data management (SKA-own rucio), built on ESCAPE partner storage sites and using CERN FTS - important for SKA to test long-haul (inter-continental) links, to understand how rucio data management can fit SKA's use case for getting data into the SKA Regional Centres, and for managing replicas between data centres.	
Subtasks:	
Product # 17: Data Ingest into SKA rucio	New
Product # 20: Repeat longhaul data transfer tests with globus as the transfer tool	New
Product # 83: SKAO Data permissions use case feasibility assessment	New
Product # 87: Metadata functionality tests	New
Product # 88: Metadata Performance tests	New
Product # 89: SKAO Subscriptions tests	New
Product # 90: End-to-end proof of SKAO data lifecycle	New
Product # 91: Long haul transfers working with X509	New
Product # 18: Stress test the long haul links with small file size, capture throughput	New
Product # 19: Stress test the long haul links with large file size, capture throughput	New
Product # 92: (Uncommitted) Develop and test Containerised lightweight low-overhead RSE	New

History

#1 - 04/22/2021 03:27 PM - Rosie Bolton

- Copied from Use Case #13: Example: CTA PI Analysis added

#2 - 04/22/2021 03:34 PM - Rosie Bolton

- Copied from deleted (Use Case #13: Example: CTA PI Analysis)

#3 - 04/22/2021 04:07 PM - Rosie Bolton

- Tags changed from Example:ESFRI to Example:ESFRI, SKAO, DAC

#4 - 04/22/2021 04:08 PM - Rosie Bolton

- Tags changed from DAC, SKAO, Example:ESFRI to SKAO, Example:ESFRI, DAC21

#5 - 06/09/2021 08:18 AM - Jutta Schnabel

- Target version deleted (Example use case implementation)

- Project changed from Using this platform to ESFRI: SKA

#6 - 07/13/2021 07:49 PM - Rosie Bolton

- Documentation changed from <https://docs.google.com/document/d/1xofZ0-UdPbSA-tlM9X9q1Bm0h2K683YxNbTp0s40MOc/edit> to <https://docs.google.com/document/d/1xofZ0-UdPbSA-tlM9X9q1Bm0h2K683YxNbTp0s40MOc/edit#heading=h.wlvo5c1wugwt>

#7 - 07/13/2021 08:29 PM - Rosie Bolton

- Documentation changed from

<https://docs.google.com/document/d/1xofZ0-UdPbSA-tIM9X9q1Bm0h2K683YxNbTp0s40MOc/edit#heading=h.wlvo5c1wugwt> to
<https://docs.google.com/document/d/1H255SitHzE8k4DLCWBmu8dosxAev0Vq9Sm0GzzK2Pg8/edit#>

#8 - 07/13/2021 08:29 PM - Rosie Bolton

- Description updated

#9 - 07/14/2021 07:06 AM - Rosie Bolton

- Subject changed from Example: SKA Global Data Lake PoC for Astronomy-scale Data Products to SKA Global Data Lake PoC for Astronomy-scale Data Products