

DPM and Spacetokens

A story of love, guilds and incomplete implementations of complex specifications.

Adding a spacetoken

- `(export DPNS_HOST=mydpns.host.name.ac.uk)`
- `svro25:~# /opt/lcg/bin/dpm-reservespace --gspace 14G
--lifetime Inf --group ops --token_desc OPS_TEST`
 - `9a80e204-0066-4512-94d9-d6e98fa5d570`

Setting additional ACLs

For default mask put a 'd:' here



- `svro25:~# dpns-setacl -m "g:ops/production:rwX,m:rwX" /dpm/gla.scotgrid.ac.uk/home/ops/ops_test`

Updating a spacetoken

- `svro25:~# /opt/lcg/bin/dpm-updatespace --gspace 12G
--lifetime Inf --token_desc OPS_TEST`



Listing a token

- `svro18:~# /opt/lcg/bin/dpm-listspaces`
- **ATLASMCDISK ID=4edb9884-3715-4837-9762-bbc554e56e24**
- **CAPACITY: 40.68T RESERVED: 40.68T UNAVAIL (free): 0**
- **USED: 37.80T FREE: 2.89T (7.1%)**
- **Space Type: Any Retention: Replica Latency: Online**
- **Lifetime: Infinite**
- **Authorized FQANs: atlas/Role=production**
- **Pool: atlas**

Releasing (deleting) a token

- `svro25:~# /opt/lcg/bin/dpm-releasespace --token_desc OPS_TEST`