

DPM SRM 2.2 status and plans

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- **Current status**
 - Methods defined in MoU
 - Other methods
- **Methods to be implemented**
- **Administrator interface**
- **Information providers**
- **Questions about non implemented options**

- **DPM 1.6.1 under certification**
- **Provides support for all methods defined in the MoU except srmCopy and srmChangeSpaceForFiles**
- **Other supported methods:**
 - srmUpdateSpace
 - srmSetPermission, srmCheckPermission, srmGetPermission
 - srmExtendLifetTimeInSpace
- **Non-MoU supported options:**
 - Volatile files
 - Dynamic Space Reservation

- **Methods to be implemented by end 2007**
 - srmCopy
 - srmChangeSpaceForFiles

- **How to statically allocate a space to a given VO?**

- `dpm-reservespace –gspace n –group g –lifetime l –poolname p –ret_policy r –token_desc t`

- For example:

```
dpm-reservespace –gspace 1T –group atlas –lifetime 2147483647  
--poolname atlas_pool –ret_policy R –token_desc atlas_esd
```

- **Static Information Provider**
 - Production version not yet available
- **Dynamic Information Provider**
 - Thanks to Graeme Stewart

- **Questions about non implemented options:**
 - Recursive methods: srmLs and srmRmdir
- **Meaning of fields in TRequestSummary (#7)**
- **Behavior of srmUpdateSpace if some fields are not specified (#13)**
- **Definition of LifeTimeAssigned and LifeTimeLeft (#15 and #18)**
- **Action of srmAbortFiles on completed files (#23)**
- **Handling of special cases like multiple aborts on the same request**