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Tier One Configuration

Tier One: Experiment SRM Paths

Site	Supported VO(s)(In addition to dteam)	Storage Type	SRM Paths
TRIUMF	atlas		srm://sc4.triumf.ca:8443/atlas
FNAL	cms		srm://cmssrm.fnal.gov:8443/NotWrittenToTape/robust_challenge
GRIDKA	alice, atlas, cms, lhcb	disk-only	srm://gridka-dCache.fzk.de:8443/pnfs/gridka.de/<vo>/disk-only
		tape-backed	srm://gridka-dCache.fzk.de:8443/pnfs/gridka.de/<vo>
PIC	atlas, cms, lhcb	disk only	srm://castorsrm.pic.es/castor/pic.es/scratch/<vo> [for dteam only] srm://castorsrm-disk.pic.es/castor/pic.es/grid/atlas/sc4/disk [for a srm://srm-disk.pic.es:8443/pnfs/pic.es/data/<vo>
		tape backed	srm://castorsrm.pic.es/castor/pic.es/grid/<vo> srm://castorsrm.pic.es/castor/pic.es/grid/atlas/sc4/tape [for atlas]
CERN	alice, atlas, cms, lhcb		srm://srm.cern.ch/cern.ch/grid/<vo>
TAIWAN	alice, atlas, cms, lhcb		srm://castorsc.grid.sinica.edu.tw:8443/castor/grid.sinica.edu.tw/s
IN2P3-CC	alice, atlas, cms, lhcb		srm://ccsrm.in2p3.fr:8443/pnfs/in2p3.fr/data/<vo>/
BNL	atlas	disk only	srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc/dteamC srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc/usatlas srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc_tier2[f srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc/fzk srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc/in2p3
		Tape-backed	srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc_tape/d srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc_tape/us srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc_tape/fz srm://dcsrm.usatlas.bnl.gov:8443/pnfs/usatlas.bnl.gov/sc_tape/in
CNAF	alice, atlas, cms, lhcb		srm://sc.cr.cnaf.infn.it:8443/castor/cnaf.infn.it/grid/lcg/<vo>
RAL	alice, atlas, cms, lhcb	disk only	srm://dcache.gridpp.rl.ac.uk:8443/pnfs/gridpp.rl.ac.uk/data/<vo>
		tape backed	srm://dcache-tape.gridpp.rl.ac.uk:8443/pnfs/gridpp.rl.ac.uk/tape/
SARA/NIKHEF	atlas,alice,lhcb,dteam	tape backed	srm://srm.grid.sara.nl:8443/pnfs/grid.sara.nl/data/<vo>
		disk only	srm://srm.grid.sara.nl:8443/pnfs/grid.sara.nl/disk/<vo>
NDGF	dteam		srm://srm.ndgf.org:8443/pnfs/ndgf.org/data/sc4/dteam

Tier One: FTS endpoints

Site	FTS endpoints
TRIUMF	https://fts.triumf.ca:8443/site-fts/glite-data-transfer-fts/services/FileTransfer
FNAL	N/A
GRIDKA	https://fts-fzk.gridka.de:8443/glite-data-transfer-fts/services/FileTransfer
PIC	https://fts.pic.es:8443/glite-data-transfer-fts/services/FileTransfer
CERN	https://prod-fts-ws.cern.ch:8443/glite-data-transfer-fts/services/FileTransfer
TAIWAN	https://fts.grid.sinica.edu.tw:8443/glite-data-transfer-fts/services/FileTransfer
IN2P3-CC	https://cclcgftsli01.in2p3.fr:8443/glite-data-transfer-fts/services/FileTransfer
BNL	https://fts01.usatlas.bnl.gov:8443/BNL-fts/glite-data-transfer-fts/services/FileTransfer
CNAF	https://fts-sc.cr.cnaf.infn.it:8443/sc3infn/glite-data-transfer-fts/services/FileTransfer
RAL	https://lcfgts.gridpp.rl.ac.uk:8443/glite-data-transfer-fts/services/FileTransfer
	https://wiki.gridpp.ac.uk/wiki/RAL_Tier1_File_Transfer_Service
SARA/NIKHEF	https://mu8.matrix.sara.nl:8443/glite-data-transfer-fts/services/FileTransfer
NDGF	...

ASGC

SRM Host

castorsc.grid.sinica.edu.tw

Description

CASTOR-SRM

SC3 Path

/castor/grid.sinica.edu.tw/sc/dteam for files which are not kept

Network

2Gb/s dedicated

BNL

SRM Host

dcsrm.usatlas.bnl.gov

Description

dCache

SC4 Path

- Tape only:
 1. /pnfs/usatlas.bnl.gov/sc_tape/dteam001 <---> dteam001 is used by WLCG to do SC4 througput data transfer.
 2. /pnfs/usatlas.bnl.gov/sc_tape/usatlas4 <---> usatlas4 will be used by ATLAS SC4 Tier 1 data export. The data should be RAW data.
 3. /pnfs/usatlas.bnl.gov/sc_tape/fzk <---> dteam001 is used by Tier 1 to Tier 1 data replication.
 4. /pnfs/usatlas.bnl.gov/sc_tape/in2p3 <---> dteam001 is used by Tier 1 to Tier 1 data replication.
- Disk without tape-backend
 1. /pnfs/usatlas.bnl.gov/sc/dteam001 <---> dteam001 is used by WLCG to do SC4 througput data transfer.
 2. /pnfs/usatlas.bnl.gov/sc/usatlas4 <---> usatlas4 will be used by ATLAS SC4 Tier 1 data export. The data should be ESD.
 3. /pnfs/usatlas.bnl.gov/sc_tier2 <---> will be used by ATLAS SC4 Tier 1 data export. The data should be AOD.
 4. /pnfs/usatlas.bnl.gov/sc/fzk <---> dteam001 is used by Tier 1 to Tier 1 data replication.
 5. /pnfs/usatlas.bnl.gov/sc/in2p3 <---> dteam001 is used by Tier 1 to Tier 1 data replication.

Network

FNAL

SRM Host

cmssrm.fnal.gov

Description

dCache/SRM

SC3 Path

/NotWrittenToTape/robust_challenge/SC3-dteam for volatile files

Network

10GE Starlight

GRIDKA

SRM Host

gridka-dCache.fzk.de

Description

dCache \$ SC4 Path for files which are not kept:

- /pnfs/gridka.de/dteam/disk-only
- /pnfs/gridka.de/cms/disk-only

Network

10Gb/s dedicated

IN2P3-CC

SRM Host

ccsrn.in2p3.fr

Network

1Gb/s shared

Description

dCache + HPSS

SC3 Path

- =/pnfs/in2p3.fr/data
- Experiments should contact sc@ccNOSPAMPLEASE.in2p3.fr to define endpoints for Service Phase

INFN

SRM Host

sc.cr.cnaf.infn.it

Description

CASTOR-SRM

SC3 Path

- /castor/cnaf.infn.it/grid/lcg/dteam/sc3_notape for the throughput phase
- /castor/cnaf.infn.it/grid/lcg/dteam/sc3 for the tape phase
- /sc.cr.cnaf.infn.it:8443/castor/cnaf.infn.it/grid/lcg/<vo> for the service phase

Network

1Gb/s dedicated

NDGF

SRM Host

srm.ndgf.org

Description

dCache

SC4 Path

srm://srm.ndgf.org:8443/pnfs/ndgf.org/data/sc4

Network

10 Gb/s

PIC

SRM Host

- `castorsrm.pic.es`

Description

CASTOR-SRM

SC3 Paths

- Temporary files (to be deleted): `/castor/pic.es/scratch/<vo>`
- Permanent files (to be accessed from the production system): `/castor/pic.es/grid/<vo>`

Network

1Gb/s shared

RAL

SRM Host

- For Disk : `dcache.gridpp.rl.ac.uk`
- For Tape : `dcache-tape.gridpp.rl.ac.uk`

Description

dCache

SC3 Paths

- For Disk : `/pnfs/gridpp.rl.ac.uk/data/dteam/sc3/`
- For Tape : `/pnfs/gridpp.rl.ac.uk/tape/dteam/sc3/`

Network

2 x 1Gb/s dedicated

SARA/NIKHEF

SRM Host

`srm.grid.sara.nl`

Description

dCache

SC3 Path

`/pnfs/grid.sara.nl/data/dteam/sc3`

Network

10Gb/s dedicated

TRIUMF

SRM Host

`sc4.triumf.ca`

Description

dCache

SC3 Path

- `/atlas (volatile)`

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- /atlas/totape (HSM migration) (disabled at the moment)

Network

2x 1Gb/s dedicated

DESY

SRM Host

srm-dcache.desy.de

Description

dCache

SC3 production path

/pnfs/desy.de/dteam

SC3 rerun path

/pnfs/desy.de/dteam/generated/SC-3/<your-own-dir>

Network

1 Gb/s shared

Last edit: FlaviaDonno on 2007-02-14 - 11:41

Number of topics: 1

Maintainer: JamesCasey

This topic: LCG > TierOneConfiguration

Topic revision: r90 - 2007-02-14 - FlaviaDonno



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