

# Table of Contents

Tier-1 Tier-2 Transfers Plan for RAL.....	1
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# Tier-1 Tier-2 Transfers Plan for RAL

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\*\*\*\*\*  
Summary of GridPP Tier-2 milestones for SC4  
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## \* SRM

- \*\* 80% of sites have working (file transfers with 2 other sites successful) SRM by end of December
- \*\* All sites have working SRM by end of January
- \*\* 40% of sites (using FTS) able to transfer files using an SRM 2.1 API by end February
- \*\* All sites (using FTS) able to transfer files using an SRM 2.1 API by end March
- \*\* Interoperability tests between SRM versions at Tier-1 and Tier-2s (TBC)

## \* FTS

- \*\* FTS channel to be created for all T1-T2 connections by end of January
- \*\* FTS client configured for 40% sites by end January
- \*\* FTS channels created for one Intra-Tier-2 test for each Tier-2 by end of January
- \*\* FTS client configured for all sites by end March

## \* Tier-1 to Tier-2 Transfers (target rate 300-500Mb/s)

- \*\* Sustained transfer of 1TB data to 20% sites by end December
- \*\* Sustained transfer of 1TB data from 20% sites by end December
- \*\* Sustained transfer of 1TB data to 50% sites by end January
- \*\* Sustained transfer of 1TB data from 50% sites by end January
- \*\* Peak rate tests undertaken for the two largest Tier-2 sites in each Tier-2 by end February
- \*\* Sustained individual transfers (>1TB continuous) to all sites completed by mid-March
- \*\* Sustained individual transfers (>1TB continuous) from all sites completed by mid-March
- \*\* Peak rate tests undertaken for all sites by end March
- \*\* Aggregate Tier-2 to Tier-1 tests completed at target rate (rate TBC) by end March

## \* Tier-2 Transfers (target rate 100 Mb/s)

- \*\* Sustained transfer of 1TB data between largest site in each Tier-2 to that of another Tier-2 by end February
- \*\* Peak rate tests undertaken for 50% sites in each Tier-2 by end February

## \* LFC

- \*\* LFC document available by end November
- \*\* LFC installed at 1 site in each Tier-2 by end December
- \*\* LFC installed at 50% sites by end January
- \*\* LFC installed at all sites by end February
- \*\* Database update tests (TBC)

## \* VO Boxes (depending on experiment responses to security and operations questionnaire and GridPP)

- \*\* VO Boxes available (for agreed VOs only) at 1 site in each Tier-2 by mid-January
- \*\* VO Boxes available at 50% sites by mid-February
- \*\* VO Boxes available at all (participating) sites by end March

## \* Experiment specific tests TBC

- \*\* To be developed in conjunction with experiment plans

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This topic: LCG > T1T2TransfersRAL

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