

Storage in GridPP2

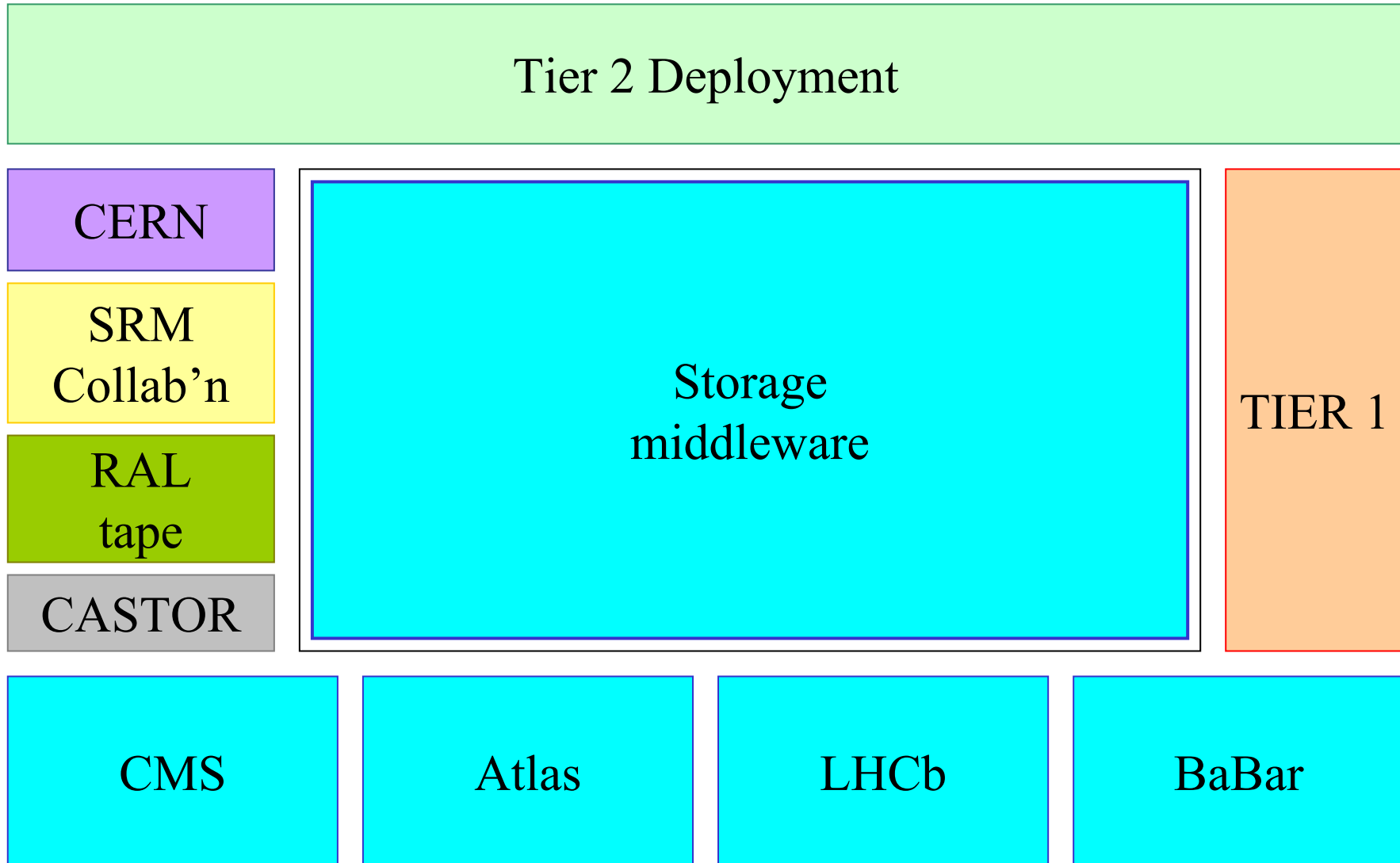
Tier 2 meeting

RAL 02-03 March 2005

Goals

- Provide SRM interfaces to tapestore at RAL
 - *Deployed* for Tier 1
- Provide SRM interfaces to disk
 - *Release* for use by Tier 1 and 2
- Local Storage Management
 - Something that manages disk pools

Map: “We are here”



I/O

- Not always easy to know what's going on...
 - Attending this T2 meeting has been helpful
- Conversely, that we are talking to the right people

Current Status

- dCache for Tier 2s
 - We provide mainly documentation and support
 - Web site <http://storage.esc.rl.ac.uk/>
 - There is a mailing list and biweekly phone conf
- dCache deployed and running at
 - Tier 1
 - Edinburgh

Upgrading

- As Stephen B says, upgrading from Classic SE to SRM is significant
 - Typical British understatement 😊
- No storage in testzone plans either

LCG 2_4_0

- “[May|Will] include dCache”
- Which version?
 - Maarten is testing latest version
 - But this one is known to have compatibility problems
 - **We use and support the same that Tier 1 is using**
 - We will support the latest version only after having tested it thoroughly
 - If LCG releases a different version, upgrade will not happen within 3 weeks of release

Other issues

- dCache is still largely closed source
 - UK may get source (under NDA?)
- Contains proprietary components
 - GLUE web service thingy
- DPM

“Plan” for deployment

- Agreed with JC and T2 coordinators
- One site per T2 for now
 - “Volunteers:”
 - Manchester / NorthGrid
 - Imperial / London
 - RAL PP / SouthGrid

SC3

- UK Tier 2 site participating...
- Fine with us
- We'll help with the dCache stuff

Our plans

- Improve dCache testing and packaging
- Improve docs based on feedback
- Investigate DPM
 - Have been promised source access
 - Edinburgh have started this as well
- Storage Element
 - Dev postponed, but still a working disk (and tape) SRM