eGee

LHCOPN operations Presentation and training CERN's session II
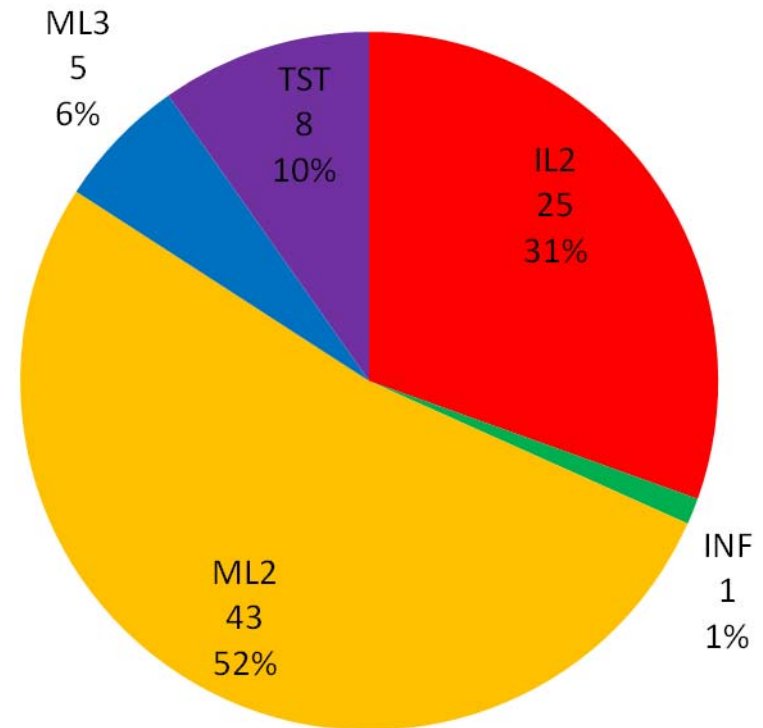
4- Use cases and best practices

Guillaume Cessieux (FR-CCIN2P3, EGEE SA2)
CERN, 2009-06-17

www.eu-egee.org

CCIN2P3   e-infrastructure

- **Quickly from ML:**
  - Prefixes updates, ML3, ML2

- **Quickly from production TTS**
  - 88 tickets
  - > 77% are connectivity issue

- **Seems clear focus on L2 needed**

ML3 5 6%
TST 8 10%
IL2 25 31%
ML2 43 52%
INF 1 1%

eGee

1. **Fibre cut on CERN-RAL-LHCOPN-001**
2. **Unexpected power cut on NDGF**
3. **SURFNET maintenance on CERN-SARA-LHCOPN-001**
4. **New link CERN-RAL-LHCOPN-002**
5. **Asymmetric routing between CH-CERN and NDGF**
6. **New p2p address for GRIDKA-SARA-LHCOPN-001**
7. **Scheduled reboot of UK-T1-RAL's router**
8. **Backup test of CERN-NDGF-LHCOPN-001**
9. **NORDUNET's maintenance on NDGF-SARA-LHCOPN-001**
10. **perfSONAR monitoring problem on UK-T1-RAL**
11. **Router IOS upgrade at NDGF**
12. **Unexpected downtime of NL-T1's router**
13. **JANET maintenance on CERN-RAL-LHCOPN-001 (with -002 in places or not)**
14. **Change of network provider for CERN-NDGF-LHCOPN-001**
15. **BGP routing policy changed on NL-T1**
16. **UK-T1-RAL scheduled power cut**
17. **Fibre cut on CERN-NDGF-LHCOPN-001**
18. **Outage on NDGF-SARA-LHCOPN-001**
19. **Key BGP route dampened somewhere - detected by NDGF**