SLAC IT Critical Services Proposal

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Preface

- 500 kW generator in 2011
- Funded for and connected to Lab PBX and Core Network
- Build-out for 10 addl racks connected to Generator funded for Aug 15 completion
- CD conducted all platform Critical Services architectural reviews

SLAC
NATIONAL ACCELERATOR LABORATORY

Critical Services – Proposal

1. infrastructure for everything listed below (e.g. domain controllers, name servers, NIS, Kerberos, core switches, etc.)
2. storage for everything listed below (e.g. Windows SAN, UNIX mail spool, AFS, Windows file cluster, etc.)
3. login hosts for infrastructure/apps teams and critical/semi-critical services (e.g. consoles, ldap, webauth, etc.)
4. email: exchange, unix, and gateways
5. web: emergency.slac.stanford.edu (slacportal), www.slac.stanford.edu, and WCM to allow Communications to push to www
6. monitoring for unix, windows, and database hosts
7. critical apps: webctrl, facilities power monitoring, famis, CATER
8. semi-critical apps: slacspace
9. general user access: citrix, print servers
10. windows system tape restore servers

FY 2013 Rack Placement