SOS Election Production System Configuration for Web Results Entry, EN Staff Results Entry and Web Queries 11/02/04

Legend - Normal Operations: Secondary Operations within SOS facilities. Hot line operators in event of normal and secondary site failures. Hot stand-by with manual cutover requiring 1 - 10 minutes. Fail points with tested fail over plans are numbered.

VJ Masson is primary, Alan Dillman is secondary, for technology issue escalation and resolution decisions. Fail over plans used successfully on election night included 1, 4, 10.

1. Smart Tech EN Results Web Entry Test & Actual: 91 Counties
2. SOS SOCC EN Results Web Entry Test & Actual: 37 Counties
3. SOS SOCC EN Results On-line Entry Test & Actual: 6 EN Staff 48 Counties
4. Implimented Dual DNS Smart Tech Wired - 200MB Actual: 100 - 120 nominal; Spikes to 150MB
5. TaskSmart2 Compaq Cache Server Wired 100MB Actual: 150MB spikes; 80 - 90MB nominal CPU: 95 - 99%
6. TaskSmart2 Compaq Cache Server Wired 100MB Actual: 150MB spikes; 80 - 90MB nominal CPU: 95 - 99%
7. Testing Step 2 Mercury Interactive Stress Test Results: 10/27 10,000 users: 5 - 40 seconds SOS staff run testing to add Presidential Summary Query, other changes to improve application response time. 10/28, 10/31 15,000 users: 2 - 9 seconds
8. 9 EN Staff at SOCC Training Room EN Results On-line Entry
9. ORAC Results Database
10. Test & Actual: CPU 95% nominal
11. 51 Counties gov Tech - Mike H. Results Web Query, RSS Feed Application Support
12. Compaq 3000R 9i Oracle Rac SERRAC4
13. Compaq 3000R 9iAS ver1 SerForm2
14. SOS SOCC Rand Enquiry by Politics Staff
15. GCR Ltd. - 10 Staff Results Web Query, Application Time Measures
16. Gov Tech - Mike H. Results Web Entry, Feed Application Support
17. Jeremy EN Results Web Entry by Counties App. & User Support
18. Bryan, Carolyn Help Desk
19. Moorthy EN Results On-line Entry by EN Staff
20. Cliff Solar Winds Network, Bandwidth Monitor
21. Cliff TaskSmart Performance Monitor
22. Bob M, Terry Spotlight on Web Servers
23. Bob M, Terry Spotlight on Oracle

Public Internet:
- 1 at 2314 hrs.
- 7 at 2315 hrs.
- VPN 100 MB
- Web Switch 2
- Alteon AD3 Web Switch
- Wired 200MB Actual: 170 - 190 nominal; Spikes to 250MB
- Alteon AD3 Web Switch
- Wired 200MB Actual: 170MB - 19MB nominal
- TaskSmart1
- SerEn2
- SerEn1
- Compaq Cache Server Wired 100MB Actual: 150MB spikes; 80 - 90MB nominal CPU: 95 - 99%
- HTTP Cache refresh reset from 2.5 to 15 minutes on both servers to handle load
- Compaq DL380g2 9i Oracle Rac
- Compaq DL380g2 9iAS ver1
- 2314 - 0130 w/ Dual DNS during peak