

SDCOE Integrated Technology Services - Technology Infrastructure Assessment

Typical network discovery and review tasks -

- Bandwidth utilization between the district office and SDCOE, between the district office and school/administrative sites and bandwidth to/from servers. If possible, utilize district's existing monitoring or use SDCOE tools – information reporting and baseline
- Collect and document protocol utilization from packet collection samples at each district site – information reporting and baseline
- Inspect and document all MDF and IDF locations at all district facilities. SDCOE will review any existing network documentation and update with changes as necessary. Inspection will review environmental conditions, cleanliness/tidiness, wiring structure and physical security. Review equipment age and end-of-life status – needs assessment
- Inspect sites for known and rogue wireless access points, document coverage – performance and security
- Evaluate existing backup/restore infrastructure and Disaster Recovery preparedness – needs assessment
- Provide commentary to district regarding future bandwidth requirements – needs assessment
- Examine district's workstation deployment strategy – efficiency and cost
- Review district's system for supporting technology repairs – efficiency and cost
- Review district router, switch and firewall configurations – performance and security
- Web content and security filtering – CIPA compliance and testing