

Company Infrastructure Overview

Network

- Firewall/VPN
 - o Cisco ASA 5105 – 192.168.6.1
- Internal Wiring (vendor)
 - o Clear Communications, Michael Smith, 408-555-0632 Office
- Wireless
 - o Airlink 300N – Espresso – Int. 192.168.0.1 – Ext. 64.92.210.199
 - Firmware 2.3 (latest)
- Routers – External
 - Nortel SR-1002 (Managed by XO) – Eth0 – 204.102.222.232/29
- Switches – Corporate
 - o 2 Dell 5224 – Office/Cube connections
- Subnets
 - o Corp - 192.168.6.X
- DNS Zones and Servers
 - o Server – Gimli – 192.168.6.3
 - o Zones
 - sanjose.company
 - 192.168.6
- DHCP
 - o Server – Gimli – 192.168.6.3
 - Scope – 192.168.6.100-250
 - o Espresso - 192.168.0.1
 - Scope – 192.168.0.100-199

Storage

- File Server
 - o Snappy (snap720008) – 192.168.6.39
 - SnapOS 8.3 (latest)
 - 1TB of storage

Servers – Corporate

- Windows
 - o SJ-DC – 192.168.6.20
 - OS: Windows 2003 Std, Service Pack 2
 - Roles: Domain Controller, Backup Server, AntiVirus Server
 - Software: Backup Exec 11d, Symantec Corporate AntiVirus 11.2
 - Hardware: Dell PowerEdge 2950
 - S/N: 4FGE345
 - BIOS: A07 (Current)
 - Warranty: 24x7 Onsite, Expires 07/28/2009

Software/Licenses

- Shares/Install Points
 - o \\SJ-DC\Installs
 - o \\SJ-DC\Home (user home directories)
- Install Media
 - o Server room cabinet (unlocked)
- License Documentation/Records
 - o Held by CFO
- Software Asset Tracking
 - o <http://www.hq.company/vt-register/?&list=software>
- Hardware/Design Tool Licenses
 - o Solidworks 5.2 (version 5.3 now available)

Internal Websites

- Intranet/Wiki - <http://wiki.hq.vtech/index.php>, <http://www.hq.company>
- DMS - <https://dms.hq.company>
- Forum - <https://www.company.net/>

Backups

- Policies
 - o LTO Tape Backup of file server and laptops
 - o Rotation weekly for tapes
 - o Storage
 - Weekly tape and USB drive rotation in fire cabinet
 - Unused tape storage is in fire cabinet
- Servers/Clients
 - o SJ-DC - Backup Exec 11d (DLO Option)
 - o Laptops installed with DLO Agent
 - o Snappy backup through mount on SJ-DC
- Hardware Used
 - o SJ-DC
 - o Dell PowerVault 122T – LTO
- Offsite – Tapes picked up weekly by Iron Mountain
- Disaster Recovery – Retired servers at Public Storage site

User Accounts

- Policies
 - o Passwords must be 6 characters and expire in 180 days
- Home Directories
 - o Located on SJ-DC
 - \\SJ-DC\home\%username%

Printers

- Printers
 - o HP LaserJet 4100 – Printer Area – Hubbard 192.168.6.101
 - o HP Color Laser Jet CM1017MFP – John Doe –USB
- Setup/Conventions
 - o Instructions – <http://wiki.hq.company/index.php/Printing>
 - o Drivers – \\sj-dc\installs\windows\Drivers\Printers
 - o Convention – Printers are usually named after authors or artists

Possible Issues:

- SJ-DC
 - o Server needs 14 Microsoft Updates, Java and Backup Exec software is out of date. (Low – Moderate)
 - o Excessive dust built up in fans and vents. (Moderate)
 - o **System partition is down to 175MB of free space. (Critical)**
- DHCP
 - o 5 free addresses left in scope (Severe)
- Backups
 - o **Backups have not been successful for two weeks (Critical)**

Issue Levels:

- Critical – Should be addressed imminently
- Severe – Should be addressed within 1 – 2 weeks
- Moderate –Addressed these with 3 – 6 weeks
- Low – Address these issues when possible

