Sai Bachu

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# Professional Summary

Dedicated Storage Engineer/ System Admin over 6 years of experience combining management and customer service expertise in Storage, Windows and Linux Services.

# Education

## Master of Science, | (2011-2013) | Wilmington University

* Major: **Information System Technologies (GPA :3.33 / 4.00)**

# Certification

* **NetApp Certified Data Administrator, Data ONTAP 7-Mode (NCDA 7-Mode)**

# Skills & Abilities

## SkillS

* Competitive analysis, Administration and Management.
* NetApp storage platform (NAS and SAN), allied technologies that involves protocols like iSCSI, CIFS, NFS, FC etc.,.
* Excellent experience in a Capacity and Performance sizing, Tiered Analysis, Decommissioning, Data Ontap Upgrades for NetApp enterprise class products and services.
* Software Tools– Oncommand Unified Manager, System manager, Data Fabric Manager, ECC and CLI (Netapp Linux), Wireshark, Secure Copy, Robocopy, Microsoft Office (MS Office).
* Proficiency in NetApp proprietary products (DATA Ontap 7Mode, ONTAP Cluster Mode, SnapMirror, Snapshots, Snap Restore, Disaster Recovery (DR), SnapVault, Deduplication, Multistore, Disk Shelf Management, HA Pair Controllers etc.,), and HP 3Par.
* Proficiency NetApp Storage Systems (FAS 6XXX, 8XXX, 3XXX, FAS 2XXX), Ctera Storage Systems: Ctera C800, C800 Plus, HP Storage Systems: HP 3PAR P9500
* HP MSA and basic skills on EMC arrays, EMC VMAX, flex clone management.
* Data Migration from windows 2XXX to Netapp filers and to CTERA servers across the global sites.
* Assigning LUN’s (FC and ISCSI) and performing HBA Firmware Upgrades in various environments.
* Knowledge on Hitachi NAS(HNAS), EMC Isilon (NAS), Symantec NetBackup, Amazon AWS (Cloud), HP DAS Systems, Netapp Cdot Migrations.
* Windows XP/Vista, 2003, 2008, 2012 and Solaris 10/9/8, Red Hat Linux 7, SuSe Linux 10, Windows Server & VMWARE ESX servers and DATA ONTAP.

# Experience

## Technical Specialist | (Johnson and Johnson) Raritan, NJ | June 2015 to Present

* Managing 20 PB+ of storage space for customer across the globe.
* Installing and configuring Data ONTAP 8.1.1 cluster-mode, Test New patches/Upgrades provided by the vendor in a LAB environment.
* Working knowledge on migrations from 7 other-mode to C-mode
* Represent the offshore NAS team of 8 members to maintain the 24/7 support to the client.
* Deploying and Establishing Snap-mirror Setup, Performing Migration Activity and Disaster Recovery(DR) Test.
* Administration of Snap mirror activity, configuration, Baseline transfer & periodical updates.
* Data Ontap OS, disk shelf and ACP firmware upgrades.
* Performing Volume, aggregate, lun & quota resize as per customer requirement.
* End user Home/Group share access issues, troubleshooting and migration.
* Guiding the NetApp engineer during Hardware Replacements (Ex. HDD, Power supply, SFP module)
* ITIL Process (IRIS/Service Now), CMDB, Remedy, Jira tools
* NAS vFiler, Qtree(Quota) Administration, NetApp filer installation, Ontap upgrades, , Configuring and troubleshooting Snapvault. Monitoring and Replication Strategy (Snapshot, SnapMirror)
* Bringing up new NetApp filers which includes configuring vFiler, Volumes, Q tree, CIFS, NFS and providing the access to different projects and troubleshooting.
* Install and configure storage devices and use resolution methods to resolve issues during the process of bringing the devices to production.
* Develop and implement a continuous improvement plan to ensure that root-cause analysis is taken to minimize Disaster Recovery(DR) issues post-testing working with VMware.
* Expertise in DNS, DHCP, WINS and Active Directory configuration in Windows based server environments.
* Support and Administration of Microsoft Windows Server 2003, 2008, 2012, Active Directory Environments, Clustering, Microsoft Enterprise level products.

## Storage Engineer | First Consulting Group (Johnson & Johnson) | July 2013 – June 2015

* Actively participated in Project transition activities (NetApp filer/vFiler decommission and disposal).
* Configuring and allocating NFS (Mount/ Unmount check folder space in Unix Linux) and CIFS shares to UNIX and windows clients accordingly.
* Vfiler Migrations, security, analysis, design, provisioning, monitoring, data migration, validation, and backup/recovery tasks.
* Performed daily activities and checks and resolve issues on the NetApp Filers and Ctera devices.
* Created OnCommand automated storage workflow and storage management tasks such as provisioning, migrating, and cloning storage.
* Monitor Ctera Storage Device's, Cloud Backups in the Amazon AWS Environment.
* Played a responsible role in trouble shooting problems logged by the client users in day-to-day operations of the business and providing complete technical support for the client.
* Setting up and troubleshooting NFS & CIFS environments.
* Deploying and administering HP-3PAR(SAN) arrays, performance analysis, migrations, replication, etc.
* SAN Administration (HP 3PAR) Provisioning, OS version Upgrades, Data Restores.
* Restoration of the deleted data using snap restore.
* Manage SAN & NAS capacity and performance using appropriate reporting & monitoring tools.
* Created Volumes, boot Lun for the servers using image, Lun’s from console, Lun Administration
* Restored Luns in case of any corruption using Lun clone.
* Configured Snap Manager for SQL for taking database snapshots.

## Storage Engineer | First Consulting GROUP (Johnson & Johnson) | Jan 2013 – July 2013

* Gather the Project requirements for Ctera Storage across all the regions (NA, EMEA, ASPAC and LA) and document them on weekly basis.
* Setup and update user accounts on the storage devices.
* Capacity reports on monthly basis.
* Copy Data using Robocopy as requested by the user in CIFS environment.
* Storage Aggregate, Volume, Qtree Management, Configure Snap Mirror, DFM to collect Reports, Snapshot Management, TCP/IP, Active Directory.
* Configured scripts for taking the snapshots on the server and fix them if there are any issues with the current one.
* Routine health checks for internal Netapp SAN and lab equipment and making required changes.
* Maintaining user accounts, troubleshooting their issues, adding users to Samba and troubleshooting.
* Mounting Sun and Windows servers and maintaining the inventory.

## System Admin | R3 Technology | May 2010 to July 2011

* Remedy ticketing systems, Change management, Performance manager and Break fix issues follow up and support.
* Setting up and troubleshooting FC & iSCSI SAN environments on NetApp storage.
* Installation & configuration of Solaris operating system as needed by Using Custom Jumpstart.
* Add, modify, and delete user/group accounts and set up a work environment and fulfill user’s needs.
* MacAfee Antivirus installation & update on all Windows Servers
* Assigned to programming and staging computers for the executives of Verizon Install and configure VPN's.
* Install and configure CDP and CTA (CISCO DISCOVERY PROTOCOL & CISCO TRANSFER AGENT.)
* Managing users. Computers & Groups in Active Directory(AD) Domains and Troubleshooting.
* Installation, configuration, maintenance and support of Red Hat Linux 4.0, 5.0 and Solaris 7/8/9.
* Responsible for doing daily health checks throughout the environment.
* Coordinating with the onsite team to ensure the Red Alert issues are taken care of.
* Managing storage EMC Clariion CX series and NetApp SAN.
* Configuring Deduplication & Thin Provisioning.
* Server build for Windows 2003/2018 across multiple data centers.
* Installed and configured and administrated Microsoft Windows 2003 server.
* Installations, Patch applications and upgrades for Windows XP Professional, Microsoft Office 2007.
* Monitoring &amp; troubleshooting of any datacenter outages. Day-to- day administration on Sun Solaris

which includes Installation, upgrade &amp; loading patches &amp; packages.

* Responsible for Trouble shoots various systems problems such as core dump analysis, network problems

and hardware related problems.

* Worked with Netstat, Prstat, and Iostat monitoring commands.
* Implemented the file sharing on the network by configuring NFS on the system to share essential

resources.

* Support Production Systems, which involved day-to- day operation and Desktop support (Local and

Remote).

* Configured NFS Servers, NIS+ Servers, NIS+ Clients, Diskless clients and Auto clients and auto mounted

the file systems using direct and indirect maps also setup entries in /etc./dfs/dfstab in Solaris share file

systems and mounted the disks onto the client systems.

* Installation of Oracle Patches and Troubleshooting, Creating and modifying application related objects, Creating Profiles, Users, Roles and maintaining system security.
* Disk and File system management through Solstice Disk Suite on Solaris and other logical volume manager for another flavor of UNIX.
* Installation, configuration, maintenance and support of Red Hat Linux 4.0, 5.0 and Solaris 7/8/9.