

## SRIKANTH CHADA

SUMMARY

* **Over 8 years** of total experience in the IT field.
* Experience in managing multi vendor tier1 and tier2 storage arrays.
* Experience in configuring and managing DMX2, DMX3, DMX4, VMAX, CX4 series arrays and Netapp FAS and v series filers
* Hands on experience using tools such as Navisphere Manager, ECC SymCLI and NaviCLI, Operations manager, Protection manager, Provisioning manager, SanScreen Filer View, Snap Manager for administration, maintenance and monitoring CLARiiON, DMX and NetApp storage subsystems
* Experience with different switch vendor fabrics such as **Brocade**, **Cisco MDS** and **McData** switches.
* Hands on experience in the planning and implementation of various **Business Continuity** and **Disaster Recovery** solutions available.
* Experience with Snap View and Time Finder on CX and DMX arrays respectively
* Experience working on Remote replication technologies like **Mirrorview and SRDF** for CLARiiON and Symmetrix storage subsystems respectively
* Hands on experience with both **Snap mirror** and **Snapvault** for NetApp Filers
* Good experience working on NAS protocol.
* Experience in allocating NAS (NFS and CIFS) shares from NetApp Filers and EMC celerra.
* Experience working with VERITAS Volume Manager and VERITAS Netbackup.
* Good Knowledge on **VMware ESX 3.5 and Vsphere 4.0**  administration
* Good system administration skills on Solaris, Linux, AIX and Windows platforms.

Technical Skills:

**Storage Arrays:** DMX Arrays, Clariion 3 series and 4 series arrays, NetApp FAS series and v series filers, Near store R200, Celerra NS 500, NS 600, NS 700 and celerra gateways

**Data Protection Software’s:** Snap View, Mirrorview, Time Finder, SRDF, SANCopy, snap manager, Snap Mirror, Snap vault, VERITAS Netbackup

**SAN Management:** ECC, Navisphere Manager, Solutions Enabler, Storage Scope, Visual SRM, Filer view, Data Ontap, Operations Manager, Protection Manager, Provisioning Manager, SanScreen, Snap Manager for Exchange, Snap Drive, VSC

**Switches:** Brocade Silkworm 2800, 3900, 4900, 4100, 12000, 24000, Cisco MDS 9000, 9124,9148,9513,9140,9506 and 9216. Connectrix switches

**Operating Systems:** AIX 5.x, Solaris 8/9/10, Red Hat Enterprise Linux 3/4, Windows NT/ 2000/2003, VMware ESX 3.0/3.5, vsphere 4.0

**Atos/Siemens IT Solutions, Jan 2011- Oct 2011**

**Lake zurich,IL**

**Storage Admin**

**Responsibilities:**

* **Administration and Maintenance of FAS 3000, FAS 3200, FAS 6200, FAS 3100 series filers**
* **Created aggregates, volumes, qtrees, quotas on Netapp arrays using Netapp system manager, Filer View**
* **Created Luns, Initiator groups and mapping the Luns to the Initiator groups using Snap drive, Filer view and Netapp system manager for the Netapp filers**
* Allocated cifs and NFS shares from NetApp Arrays to windows AD accounts and Unix servers respectively using Netapp system manager
* Created and managed Snap mirror sessions for Disaster recovery
* Documented the Snap mirror and Snapvault procedures for future
* Installation and Administration of **Snap manager for Exchange 6.0** on windows Environment
* Worked with Netapp and vendor to troubleshoot any SAN performance related issues
* Installed **Operations manager 4.01** on both windows and Unix operating system
* Worked on creating custom reports, alarms, alerts and scheduling them using operations manager
* Managed the snapvault and snap mirror relationshsips using **Protection manager**
* Worked on **Provisioning manager** for space savings using Deduplication and also V-filer migration.
* Worked on **Performance Advisor** on generating graphical reports
* Managed and created luns using **Snap drive 6.0**
* Worked on different **Netapp Asup tools** such as **Synergy, Perf stat, cmpg**, **Latex** and **Upgrade Advisor, Wire Gauge**
* Worked on large scale deployment of **Sanscreen** which included both the local and remote acquisition units
* Worked on the Installation and Adminstration of **Sanscreen 6.1.3**
* **Worked in helping the customer in every aspect of Netapp administration and issues in the environment**
* **Helped in communication between the Netapp and the customer gave a lot of recommendations which helped the environment**

**Environment:** FAS 3000, FAS 3200, FAS 6200, FAS 6000 series filers, Filer view, Netapp system manager, snap mirror, snapvault, Operations manager, Protection manager, Provisioning manager, Snap manager for Exchange, Snap drive, SanScreen, Cisco Mds 9124, 9148, 9513, 9140, Brocade 12000, 300E, 48000,410, VMware, Windows, EMC Clarion/Symmetrix, HP, HDS arrays

**Hart Operations Facility, Sep 2010-Jan 2011**

**Tampa, FL**

**SAN ADMIN**

**Responsibilities:**

* Administration and Maintenance of FAS 2020, FAS 2050 series filers.
* Created aggregates, volumes and qtrees on NetApp arrays.
* Allocated Cifs and NFS shares from NetApp Arrays to windows AD accounts and unix servers respectively
* Worked on replication using snapmirror.
* Worked on Data Ontap 7.3.2, 7.3.4 on FAS NetApp filers
* Created and managed snap mirror sessions for Disaster recovery
* Documented the snap mirror procedure for future purposes
* Worked with Netapp and vendor to troubleshoot any SAN performance related issues
* Planned and implemented High availability & Disaster Recovery of SAN Storage.
* Created CIFS, NFS QTrees for Windows and Unix environment, used Data ONTAP to manage Filer to utilize the storage
* Experience in NetApp Filer Volume, QTrees and Quota Management, Near store Administration, NFS exports and Data migration Administration
* Worked on Acronis Backup using VMware Sphere client and Symantec Backup

**Environment:** FAS 2020,FAS 2050 series arrays, filer view, snap mirror, snapshot, Ndmp Backup, Symantec Backup, Acronis Backup, Windows, UNIX, VMware

**American Express,**

**Phoenix, AZ October 2009 – Sep 2010**

**SAN ADMIN**

Responsibilities:

* Installed and maintained Clariion CX 340 / CX380.
* Created aggregates, volumes and qtrees on NetApp arrays.
* Allocated cifs and NFS shares from NetApp Arrays to windows AD accounts and unix servers respectively
* Upgraded the Data Ontap from 7.1 to 7.2 on FAS NetApp filers
* Created and managed snap mirror sessions for Disaster recovery
* Documented the Snap mirror and Snapvault procedures for future
* Worked with Netapp and vendor to troubleshoot any NAS performance related issues
* Planned and implemented High availability & Disaster Recovery of SAN/NAS Storage.
* Created CIFS, NFS QTrees for Windows and Unix environment, used Data ONTAP to manage Filer to utilize the storage
* Experience in NetApp Filer Volume, QTrees and Quota Management, Near store Administration, NFS exports and Data migration Administration
* Implemented SAN with CLARiiON CX Series Sub-Systems, created Raid Groups and Storage groups, assigned LUNs to Hosts using Navisphere manager 6.x, ECC and NaviCLI.
* Installed Navisphere Agent/CLI on UNIX & Windows Servers.
* Created SANCopy Sessions using Navisphere Manager to perform migration from Clariion CX 3-80 to DMX 3000.
* Configured Snapview Snapshots and Snapview Clones on CLARiiON CX Series Sub-Systems.
* Tested open replicator sessions from DMX3 to DMX 4 in the test environment
* Documented the procedure of the open replicator for future reference
* Implemented and managed switches/directors. Managed switches with vendor specific GUI.
* Created File systems on the newly allocated disks and assisted the backup team to configure backups using Networker.
* Involved in configuring Navisphere manager for user authentication.
* Created hourly, nightly, weekly and monthly snapshots to maintain online backup to recover from accidental deletions, corruptions or modifications of the data
* Used RAID-DP protection to prevent data loss in the event of second drive failure without excessive redundancy costs.
* Data growth analysis and storage resource forecasting also comes under my responsibilities.
* Worked on Celera NS-20,NS-80 and NS-120.

**Environment**: EMC Clariion/Symmetrix, Navisphere 6.X,NaviCLI, snap view, mirrorview, power path, BCV, SRDF, Zoning, Time Finder, ,McData switches/directors, Brocade Directors, EMC control center, Emulex, Qlogic HBA. FAS 3040, FAS 3070,2000 series arrays, operations manager

Guaranty Bank & TI July 2008- October 2009

Austin, TX.

SAN Administrator

Responsibilities:

* Managed EMC Clariion CX3-80, CX4-480, CX4-960, DMX-4, DMX-3, Vmax.
* Allocated storage from Clariion CX3-40, cx3-80, cx4-480, cx4-960 and DMX4, VMAX using **Navisphere Manager**, **ECC**, **SymCLI** and SMC
* Performed zoning on the Cisco switches
* Provisioned storage from **Celera NAS** using Celera manager.
* Created virtual data movers and configured CAVA on the celerra
* Involved in creation of file systems and allocating shares from celerra
* Installed NaviCLI and Navisphere Agent on all the hosts in Clariion environment.
* Installed master agents and discovered the servers into ECC
* Installed and configured **Emulex**, **Qlogic** HBA’s for SAN connectivity on Solaris and windows servers
* Created SRDF sessions to migrate the data from DMX to VMAX
* Involved in documenting the procedure for creation and managing SRDF in the environment
* Created Snap sessions for rollback during any possible data corruptions.
* Performed **SANCopy incremental** to migrate data between Clariion storage systems.
* Configured standard disk groups for BCV operations using **Time Finder**.
* Performed firmware upgrade and zoning on **Brocade** Fiber Channel switches.

**Environment**: EMC Clariion Cx3-80, Cx4-480, cx4-960, DMX 4, DMX3, VMAX, Celera NS480, Navisphere Manager, NaviCLI, ECC, SymCLI, Connectrix Manager, Celera Manager, Snap View, Mirror View, SANCopy, Time Finder, SRDF, Emulex, Qlogic, Cisco MDS switches Windows 2000/2003, Linux, Solaris 8/9.

City of Detroit Mar 2007 – June 2008

SAN Admin

Responsibilities:

* Administration and Maintenance of CLARiiON and Symmetrix storage subsystems consisting of **CX3 series, CX4 series, CX 700, DMX3, DMX 2000, DMX 3000.**
* Performed **Storage provisioning** from Symmetrix and CLARiiON arrays to various hosts like Solaris, Linux and Windows based on the requirement.
* On CLARiiON arrays created RAID groups, Luns and expanded Luns using the Metalun feature using the **Navisphere Manager** Using **SymCLI and EMC Control center 6.0** managed and monitored the Symmetrix environment**.**
* On CLARiiON arrays added Luns to the Reserved Lun pool for usage by the Snapshots. Created snapshots of various Luns with existing data, using the **Snap View snapshots** and presented the snapshots to different hosts.
* Performed remote replication on CLARiiON arrays using **Mirrorview** technology.
* Configured the Symmetrix volumes for **Time Finder BCV** operations. Performed Time FinderBCV Establish and Split operation on the Symmetrix storage subsystems volumes.
* Performed Data migration using **SAN Copy** software for CLARiiON storage systems.
* Installed Emulex HBA drivers, **NaviAgent**, **NaviCLI** and **EMC Powerpath** 5.1 on Solaris hosts.
* Worked on **Navisphere Analyzer** to resolve several issues related to the CLARiiON environment.
* Monitored the Symmetrix Storage systems using the **EMC Control center**.
* Created Zones and added them to the existing configuration on the fabric and activated them using command line on the **Brocade 24000, 48000 directors**.
* Performed **zoning** on **Cisco** switches using **Fabric Manager**.
* Maintained NetApp filers which include FAS 3040, FAS 3020 using Command line and Filer View.
* Created aggregates, Volumes (both traditional and flexible) and QTrees on the NetApp filers. Configured Snap Mirror, Snap vault and Snapshots on **NetApp Filers**.
* Assisted the backup team in taking daily backup using **VERITAS Netbackup**.
* Assisted the VMware systems engineer in installing **VMware** **ESX 3.5** on HP ProLiant DL360 G3. Created several virtual machines on the ESX server and installed different guest operating systems like Windows Server 2008, Windows XP.

**Environment:** DMX 2000/3000, Symmetrix 8730& 8830, CLARiiON 300/600, Celerra CFS14, McData ED140M, McData DS32M, McData DS32M2, EMC Connectrix Manager, Navisphere Manager, Navisphere Analyzer, EMC Powerpath, EMC Control Center, SYMCLI, NaviCLI, VxVM, Emulex and Qlogic HBA’s, Snapview, Windows, UNIX, Solaris 8/9.

PacifiCare Health Systems, CAJun06–Feb07

San/System Administrator

Responsibilities:

* Administer, monitor and provide 2nd level support as a SAN administrator for EMC environments and backups systems.
* Responsible for administration of storage devices such as DMX 2000/3000, CLARiiON CX300 & CX600 and Celerra, CFS14.
* Created Virtual data movers and Storage pools using EMC Celerra File Server.
* Managing SAN using EMC Control Center.
* **Migrated 125 TB** data from old **Symmetrix environment** to new DMX environment using host based migration.
* Handled Migrations from CLARiiON to CLARiiON
* Configured **Mirror View** and **Snap view** Snapshots in **CLARiiON** Environment.
* Migrated data using various tools like Open Migrator, SRDF and LVM migrations.
* Storage provisioning using solutions Enabler (SYMCLI) and Navisphere Manager.
* **Mapping and Masking** of various **Symmetrix devices** as per the business requirement.
* Create RAID Groups, Bind LUNs, create Storage Groups, register Hosts and assign LUNs to the hosts.
* Creating Storage pool for Celerra on Symmetrix DMX1000/2000.
* Monitor system performance and health to resolve potential problems before they occur using the Performance Manager
* Configured ISL’s between the Core and Edge Switches
* **Performed zoning** and other switch related tasks using the **EMC Connectrix Manager**
* Upgraded the Firmware on the McData switches using Connectrix Manager.
* **Powerpath software** installation, configuration and administration on **UNIX & Windows Servers.**
* Installation and configuration of HBAs (Emulex and Qlogic).
* Configured **various HBA’s** on Production servers using **Qlogic, Emulex HBA cards.**
* **Managed HBA’s** using **San Surfer** and HBA anywhere.
* Administer the **storage and server** production environments.
* Day-to-day disk allocation using SymCLI and Navisphere tools from the symmetric and Clariion storage units
* Involved in troubleshooting of all issues regarding **Cabling and connectivity in SAN.**
* Documenting Technical specs for the Projects handled.
* Management of **technical resources** responsible **for business scheduling** and communication.

**Environment:** DMX 2000, cx700, McData ED140M,32M, Connectrix Manager, Navisphere Manager, Navisphere Analyzer, EMC Powerpath, EMC Control Center, SYMCLI, NaviCLI, VxVM, Emulex and Qlogic HBA’s, Snapview, Windows, UNIX, Solaris 8/9.

Vinsri Software Solutions,

Pune, India March 2004 -June 2006

Systems/Network Administrator

Responsibilities:

* Implemented NFS, NIS and DNS under SUN
* Implemented automatic weekly system recovery tape backup
* Maintenance of UNIX Servers Solaris 8/7.
* Installation, adding and replacement of **disks, cards and maintenance of SUN.**
* Trouble shooting of day to day Solaris problems.
* Installation of Solaris systems.
* **Upgrading Unix** operating systems to higher versions.
* **Users, Groups** creation and assign rights to them.
* I was a part of team of Four System Administrators
* Security implementation.

**Environment:** Sun Ultra Enterprise (6500/3500), DLT 4700/ 4000, Sun V1280, Sun Solaris 8/7, Windows 98/NT, VERITAS Volume Manager.

**Education**: Bachelor of technology in computer science, India