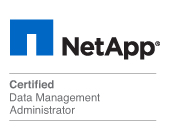
Kishore

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EMC-Isilon-ICSP-sm

**SUMMARY**

* Nearly 19+ Yrs of IT experience including **Sr Solutions Architect, Lead Storage Engineer**, **Sr. Systems Administrator and Backup Administrator.**
* **Managing storage/backup team of 5-12 offshore and onsite teams.**
* Expertise in multi-vendor operating systems which includes ESX/ESXi, Solaris, Linux, AIX, HP-UX, Z/os and Windows.
* Experienced with enterprise class storage including EMC **XtremIO,** **DMX Symmetrix**, **VMAX, VPLEX, VNX,** **HP 3PAR, Dell SC040, IBM SVC,XIV,DS8000,** **Clariion CX** Series and **NAS/SAN NetApp**, **Celerra , Isilon** and CAS **Centera**.
* Worked extensively on a wide range of EMC Suit of products including Powerpath, Solutions Enabler, ECC, DPA, SMC, Networker, Navisphere, Celerra Manager and Centera Viewer and CLI, Unisphere.
* Worked on **TimeFinder (Clone/Mirror),** SRDF and **SanCopy, Snapview/Mirrorview**, Replication manager, Recover Point Replication Technologies.
* Expertise in **SRDF/AR,** **SRDF/S** and **SRDF/A** technologies.
* Configuring **Brocade** and **Cisco** Failover Fabrics with Core-Edge technology
* Expertise in **Veritas Volume Manager**, **Sun Volume Manager**, **Redhat LVM**.
* Experience in various NetApp Storage Appliances **FAS A800**, **FAS** **8060/8080/3020/3050**, **FAS6000**, **FAS200, FS960** and **ONTAP 7.x/8.x on both 7-Mode and CDOT.**
* **Hitachi HDS, ITIL and PMP** training from **CSC**.
* Excellent knowledge on **HDvM, HTnM, HDP, UVM**
* Hands on experience with **ECC, SYMCLI, PowerPath, and HBA Driver Upgrades**.
* Expertise with **Veritas Volume Manager**, and **LVM** Migrations
* Expertise in storage migrations using **OR, OM,** **SRDF, SanCopy, Mirrorview and Snapmirror .**
* Hands on experience **on SnapVault** and **Snapmirror.**
* Installation, Configuration and Administration of **Networker 6.x, 7.x,8.x,**  **Veritas Net Backup 4.x, 5.x ,6.x EMC Avmar and Data Domain. Tape libraries include HP, StoaregTek and VTL’s(Clariion).**
* Hands on experience on Scaling Hardware Configuration, Install and Administration with all mid range and high end Sun Enterprise Servers, Dell PE Servers, IBM X-series servers and various other vendor hardware.
* Worked along with EMC to configure and implement **Invista**.
* Hands on experience on **NetApp SanScreen(Onaro)**.
* Hands on experience on Virtual **Matrix Architecture (VMAX).**
* Database knowledge includes **Oracle 8i, 9i and 10g, DB2, SQL 2000** and **2005** database. Backup strategy & Scripts, basic I/O tuning, Database Re-organization, **Recovery Manager (RMAN).**
* Installation, Configuration and Administration of the **NFS, Automount, NIS, NIS+, DNS,** servers in UNIX environment
* Experience on Performance Monitoring of DMX and Clariions using **Performance Manager, Symmetrix Manager and Navisphere Analyzer.**
* Worked extensively on **Qlogic SanSurfer, Emulex HBA Anywhere** utilities.
* Expertise on Webtools, **Fabric manager 3.2(3), Connectrix manager 8.x, 9.6, Cisco device manager 3.3(4**) and command line utilities to manage the switches.
* Experience in performance tuning, capacity planning, application troubleshooting and system backup and disaster recovery applications including Veritas Volume Manager and Veritas Netbackup.
* Sun Solaris Unix systems configuration and deployment, hardware/software installation and documentation.
* Experience with **shell** (bourne and cshell), **Perl, awk, sed** and c programming.
* Excellent communication and interpersonal skills.
* **Scp** to backup/copy data from switches and host to Hosts.

**Technical Skills:**

**Operating System:**

Solaris 7, 8, 9 & 10, Red Hat Linux 3.0 & 4.0, HP-UX 9, 10 & 11.x, AIX 5.1,5,2 & 5.3, VMware ESX3.x/4.x/5.x, Windows NT, 2000, 2003, 2005 and 2008.

**Hardware:**

Sun E10K, Sun Fire V880, Sun Enterprise 6800, 6500, 5500, 4500, 3500, SFV210, Sun Ultra450, 420, 220, HP 9000 series, A-Class, L-Class, N-Class Servers, IBM blade servers x-series , p-series, StorageTek L1400M, SL 8500, LT02, IBM 3584, TS3500, Brocade, Sun RAID Arrays A3500, A1000, D1000.

**SAN/NAS:**

EMC VMAX**,DMX-4, DMX-3, DMX2000, DMX1000, DMX800,** CX4-480, CX3-80, CX3-40, CX700, CX600, ARX2000, NetApp FAS3050,FAS3020,FAS200 and FS960 series, Silkworm 3900, 4100,48000,ED-140M&64M, Cisco MDS 9000 series, NAS Celerra NS480,NS40G,Centera, Brocade Silkworm/Director switches, RecoverPoint Appliances, Cisco catalyst 6000/4200 series switches, Sun, Qlogic/Emulex HBAs.

**Application:**

EMC Control Center and Solutions Enabler, Open Migrator, Veritas Volume Manager, Veritas DMP, Veritas Net backup, Legato Networker Filer View, SYMCLI, Navisphere, NaviCli, Time Finder, SRDF, Fabric Manager, Recover Point, Emulex HBA configurator, HBanywhere ECC, Connectrix Manager, Cisco Device Manager, SnapView, SnapMirror, Snapshot, DNS, NIS, NIS+, NFS, Work load analyzer, Storage scope, ECC agents, Celerra Manager, Symmetrix manager, Filer View ,Time finder, SRDF, San Surfer, Power Path, Brocade Fabric Manager, Veritas Volume Manager, Veritas DMP, Veritas cluster server, Solstice Disk Suite, Jumpstart, Unix Performance utilities, NFS,ZFS.

**Databases:**

Oracle 8i, 9i and 10g, Sql Server 2000 and 2005, Recovery Manager-RMAN, Oracle RAC 9i and 10g.

**Programming:**

Bourne Shell, Korn Shell, AWK, Sed, SQL, PL/SQL, Python.

**Education:**

Bachelor of Computer science and Engineering, India.

**Certification:**

Solaris certified System administrator

EMC Proven Specialist –EMCPS

Oracle Certified Professional 9i-OCP

VMware Certified Professional-5

ISILON Certified Storage Professional

NETAPP Certified Data Administrator

EMC Certified Business Continuity Solution Specialist

**Professional Experience:**

**Client: Artech/Kyndryl/IBM Feb ’ 16- Till Date**

**Role: Sr Operations Engineer**

**Environment: XtermIO, Powermax 2K, Isilon F800, H500, Infinidat F630, ECS, Ontap 8.x/9.3p6, OneFS 8.x,/9.x, CDOT, OCI, Unified Manager, System Manager, Unisphere, SSMC 3.x, Brocade, Cisco 1601 and 1610, Recover Point 4.1(Gen5), Connectrix MDS, Cisco MDS 9706/9710, Cisco DCNM, ESXi 5.x/6.x, RHEL, Windows 2008/2012/2016.**

**Responsibilities:**

* Work with vendor sales team for quote/support.
* Get PADSMRT, Rack, power done.
* Get Approved ASD from stake holders.
* Create Ansible playbooks, Automate resource provisioning.
* Network monitoring and performance monitoring.
* Migrate data from Netapp to Infinidat.
* Deep dive into customer environment and recommend best practices.
* Consolidate Data Centers.
* Create and manage S3 buckets on ECS.
* Implement archive solution from Isilon to ICOS.
* Implemented Archive solution from Powerscale to ECS.
* Completed data migration from VMAX to Powermax using SRDF .
* Implemented Smartpools, Smartquotas, Smartconnect ,snapshotIQ
* Completed planning and Implementing Isilon DR using SyncIQ
* Database refreshes.
* Completed deep dive on Performance issues.
* Installing DCNM.
* Design, Install and configure Connectrix.
* Generate/schedule daily and weekly reports on OCI.
* Configure SNMP, SMTP and monitoring tools.
* Help team with pre-go live process.
* Resolve Firewall, network issues.
* Work with network team to resolve network issues.

**Client: Xerox/Atos Salt lake city,UT Jan’ 14- Jan’ 16**

**Role: Solutions Architect/Engineer**

**Environment: VPLEX VS2, XtremIO, Hitachi G1000, VMAX, 3PAR V400, Netapp FAS8060/8020, IBM SVC, Netbackup , TSM, Commvault, RPA4.1, 7MTT, Brocade DCX, Cisco MDS 9706/9710,Cisco 1610,1601, Geo Synchrony 5.2, Symcli, OneFS 7.2, OnTap 8.3.2 CDOT, OnCommand Suite, Unisphere, IMC, System reporter, S-NOW, Windows ,Hyper-V, Solaris , AIX, ESX 5.x.**

**Responsibilities:**

* Take care of any L3 escalation.
* Help customer with new deployments.
* Data Center consolidation.
* Install and configure 8060 cluster.
* Setup and configure Oncommand unified Manager, System manager and Insight.
* Configure Raid/Aggregates/SVM’s in multitenant environment.
* Block Migrations from VMAX to VMAX and DMX to HP3PAR.
* Migrate data from VMAX to VMAX using VPLEX.
* Migrate Data/DR using XtremIO and RPA’s.
* Patches and code upgrade on master/media server.
* Configure new clients.
* Restore backups from tapes/disks and snaps.
* Monitor and schedule backups.
* Fabric consolidation/migration.
* HP 3PAR Implementation and migration.
* Isilon Implementation and Day to Day provisioning, Performance tuning.
* SVC IO group consolidation and Migrations.
* Migrate block Data from VMAX using Netapp.
* Migrate data using LVM, sVmotion .
* Implemented and replicated changes to DR site using SRM 5.5
* Implemented and configured VMware SRM 5.5.
* Help EMC in implanting and configuring VPLEX metro cluster.
* Remediation Analysis.
* Data migration using VPLEX local/Metro Cluster.

**Employer: 1Waysolutions, Inc Oct’08- Dec ’13**

**Client: Toyota Financials Torrance,CA Aug’13- Dec ’13**

**Role: Storage/Backup Operations Lead**

**Environment: NetApp 6210/6080/2020, Dell SC040, DMX3, VMAX 20K/40K, Cisco 9000 series, DD890, Storage Tek SL8500, LT02, S-NOW,Single/Multi node Avamar, Neoscale, DPA, NetBackup 6.x/7.x.**

**Responsibilities:**

**Lead a team of 12 team**.

* Taking care of team Day to Day responsibilities.
* Ensure required SLA’s are met.
* Migrated Data from clariion to Netapp.
* Administer DD and Avamar.
* Backup(Avamar/Data Domain) Monitoring and ensure catalog backups are completed.
* Work on performance enhancements (network and appliance).
* Configure and Schedule backups for new client connected to Avamar/Data Domain.
* Upgrade Avamar grid from 6.x to 7.x.
* Configure replication between sites on DD and Avamar.
* Install required patches and upgrades on Master & Media servers.
* Perform restores as per the request.
* Work with tape vendor and make sure tapes are available.

**Client: EMC Salt lake city,UT Sept’12-Jul ’13**

**Role: Sr NAS Solutions Architect**

**Environment:** VNX 7500, 5500, NetApp 6000/3000/2000/900 Series, Snap Mirror, Snap Drive, Snap Vault, IBM SVC, IBM DS 4000, XIV, Isilon, OM, Mc Data 48K, Cisco MDS 9xxx, SANCopy, Windows 2003/2008, Linux 5.x (Kernel 2.4/2.6)

**Responsibilities:**

**Client 2:**

* Work with vendor to schedule, get approvals and implement RFC’s and meet SLA’s.
* Perform day to day allocation, reclaims DB refreshes.
* Deploy and perform integration testing.
* Day to day provisioning on Isilon.
* Migrate data from NetApp to VNX.
* Create new SnapMirror sessions and monitor existing.
* Configure and Manage Snap Drive, Snap Manager and Snap Vault.
* On Tap upgrade from 7.3.6x to 8.0.4.
* Monitor any performance issues.
* Configure/Implement VNX replication.
* Work on Break fixes and escalations.

**Client: VCE Salt Lake City, UT April’12-Sept’12**

**Role: Solutions Architect**

**Environment:** VBlock 300/700, VPLEX 4.1, Unispehere for VPLEX, MDS 9xxx, Cisco 5K,7K,1000V,6150,Fabric Interconnet, VSphere 4/5,VMware ESX4.x/5.x,.

**Responsibilities:**

* Deploy and Implement 300 and 700 models.
* Install and configure Cisco MDS 9xxx models.
* Install and configure VNX/VNXe
* Install and configure VMAX/VMAXe.
* Provisioning on VPLEX (VVolumes/Storage Views).
* Adding/Removing ports from Storage view.
* Upgrade Unified VNX code.
* Upgrade Cisco Firmware.
* Configure UCS and 5K/7K series Switches.
* Install/Configure VSphere and ESX Server.
* Install and configure FM.
* Configure Install and configure PP on VM’s.
* Configure callhome.

**Client: EMC July 11-Mar’ 12**

**Role: Solutions Architect**

**Environment:** VNX-5300/5500/7500, Recover Point 3.4 SP2, Replication Manager, and VNX replicator.

**Responsibilities:**

* Design and Implement Recover Point.
* Designed and Implement VNX-5300/5500/7500.
* Designed and Implemented VNX Replicator.
* Installed and configured Replication Manager Server and clients.

**Client 1:**

* Configure and initiate San Copy.
* Configure MDS.
* Create pool, luns.
* Install/update and configure, MPIO, HBA drivers on Windows/Linux.
* Migrated 20 TB data from IBM to VNX using SanCopy.

**Role: Sr Implementation Engineer**

**Environment:** VNX-5500, VNX-7500, NS-120, Recover Point 3.4 SP1, Replication Manager, Celerra Replicator**,**

**Responsibilities:**

* Setup the Celerra replication between the sites.
* Installed and configured the Recover Point.
* Installed and configured the RM server and Clients and configured the snaps between sites.

**Client: Cisco/EMC, Richardson, TX July’ 10-June’11**

**Role: Sr Storage Engineer/Infrastructure Test Engineer**

**Environment:** V-Max, VNX, NetApp V-Series/FAS**,** Celerra NS480, NS702g,XIV, CX4-480**,** CX-700,DD640, Netbackup 7.1, ECC,FAST/VP,Cisco 9513’s/9148, VMware ESXi**,** Linux, Windows 2003/2008, DFM, UCS 6120, B440, Unisphere, SanCopy, Snapmirror ,Replication Manager, Operations Manager, SanScreen(6.2), Ontap 7.3.2(p4)

**Responsibilities:**

* Implemented, designed and configured CX4-480.
* Create **Aggregates, volumes, qtrees, IGroups, LUN’s** based on requirement.
* Monitoring Filers, storage/host array mappings (Topology), utilization ratio using SanScreen.
* Configure De-Dupe.
* Capacity management and utilization using ECC.
* Migrated data using **Snapmirro**r sessions.
* Migrated data from old storage frames to new ones **Using VERITAS/** LVM.
* Proving Storage from DMX/VMAX using Symcli.
* Monitoring the committed ratio and provision accordingly.
* Configuring, Defining and monitoring Netbackup as DD backend.
* Configured and provisioned the NS480
* Implemented FAST/FAST VP on Clariion.
* Allocate/Reclaim storage.
* Create and clean up zones.
* Create, configure VSAN’s.
* Worked on Capacity management using Control Centre.
* Migrated the data from CX700 to CX4-480 using **SanCopy**.

**Client: WebMD, NY Apr’10-July’ 10**

**Role: Sr Platform Operations/Architect**

**Environment:** Clariion, Celerra, RM, Rainfinity, RecoverPoint, Connectrix Manager ,Navisphere, Celerra Manager, VMware, Vsphere Client, Vmotion, Windows 2003/2008 Active Directory, Linux.

**Responsibilities:**

* Performance analysis and design of clariion.
* Create CIFS/NFS, configured the celerra replicator and replicate file systems using celerra replicator across data centers.
* Remediation analysis for new hosts and upgraded HBA drivers and Installed OS patch as per the support matrix requirements.
* Creating Zones and monitoring, troubleshooting the switches.
* Configuring alerts/notifications on clariion, celerra and switches.
* Upgraded switch firmware from 5.2.x to 6.1.x.
* Deploy Celerra on to ESRS and configure call-home.
* Work with EMC on flare upgrades and DART upgrades.
* Decomm and scrub the old clarions.
* Host based migration for the necessary file system for QA or Dev environment.
* Deploying Recover Point with backend clariion.
* Added new Clariion to the celerra.

**Client: Bank of New York Mellon, NY Jan’10- Mar’10**

**Employer: SanPulse**

**Role: Sr. EMC Implementation Engineer/Architect**

**Environment**: **DMX, V-MAX,** Open Replicator, **SRDF,** Open Migrator, SanLogics, Cisco, Brocade, McData, Connectrix Manager, Fabric Manager, XML, SQL Server, Linux, Windows, Solaris.

Responsibilities:

* DMX: Create metas, mapping and masking with SYMCLI. Installed and configured HBA drivers. Extensive experience on configuring storage devices on UNIX machines primarily on Sun Solaris, Red Hat Linux and Windows.
* V-Max: Create Device Pool, Data dev, TDev, Meta Dev, Binding Thin Dev to dev pool, Creating Port Group, Initiator group, Storage group.
* Tested “0” reclamation on V-MAX.
* Generating Remediation reports and suggesting the client for any upgradation or OS patches.
* Configured zoning on fabrics created aliases, zones on the fabric and cleaning once the migration is successful.
* Collecting and parsing the switch and Array information using the SanLogics tool.
* Generating work files and implementing the work files at the client location.
* Successfully migrated Tera Bytes of data using **SRDF (S/ACP/A), OM** and **OR** (Open Replicator).
* Supporting the client on DR tests.

**Client:** **Motorola, Chicago, IL Jan’07 – Dec’09**

**Role:** Lead Storage Administrator

**Environment:** DMX Series, Clariion CX Series, NetApp Filer View, Navisphere, ECC, Storage Scope, Performance Manager, Time Finder, SRDF, Recover Point, Symantec Enterprise vault, NetBackup ,TSM, Power Path, Shell Script. Qlogic and Emulex Drivers, Brocade Director switches, Cisco MDS, Sun Solaris, VMware, Red Hat Linux, HP-UX, AIX , Z/os, Windows 2000& 2003,Veritas VxVM.

Responsibilities:

* Managing a team of 5.
* Worked 24x7 with more than 1000+ servers across the datacenters.
* Performed storage provisioning in mutli-vendored, tiered network storage through EMC control center (ECC), SYMCLI, Navisphere Manager, Filerview&CLI.
* **DMX:** Create metas, mapping and masking with SYMCLI. Installed and configured HBA drivers. Extensive experience on configuring storage devices on UNIX machines primarily on Sun Solaris, Red Hat Linux, AIX and HP-UX Machines.
* **Clariion:** - Installed configured and implemented CX 4-480, CX3-80, CX700, CX600, hardware and software across both UNIX and Windows. Created Raid groups, storage groups and bind luns in Navisphere Analyzer/Manager. Registered new hosts.
* Installed, Configured and administered filer.
* **NetApps:** Managed and configured NetApp filers (FAS3050, FAS 3020, FAS 200(backup)) using Filer View management software. Configurations including vfiler, qtree, volume, LUNS, aggregates and snapshots. Expand volumes. Configure and manage CIFS/NFS shares for Unix/Windows servers.
* Day to day allocation and decomisson.
* Analyze **Data Fabric Manager/Operations Manager** reports on utilization, capacity planning and growth trends.
* Configuring SMTP alerts/notification.
* **Snapmirror, Snapshot and Snapvault administration.**
* Implemented and configured high availability and disaster recovery using **SnapMirror and Flex Clones**.
* Installed and configured EMC Powerpath. Ensured all devices were appropriately configured with the right policies and failover capabilities.
* Generate capacity reports every week using **Storage scope** and advised client based on the growth for future requirements.
* Worked on Fabric Manager ,Connectrix manager and Cisco Device manager
* Identified, resolved configuration, problems with HBA drivers, and cabling. Upgraded firmware without disrupting the fabric. Troubleshooting Fiber cabling/Switch ports /SFP/GBIC issues.
* Monitoring health, utilization and performance of tiered storage infrastructure. Identifying and resolving performance problems using Navisphere analyzer, Performance Manager(SPA), iostat, perfmon, SAR. Configured data collection policies and analyzing them through performance manager.
* Analyze emcgrabs and Heat reports.
* **Upgraded Solutions enabler, powerpath, Drivers** and **ECC 6.0** as a part of OS upgrades and OS patch installations as well as data migration (the recent one’s I upgraded is SE 6.5 and some with 7.0, PP 5.2).
* Configured zoning on primary and secondary fabrics created aliases, zones, VSAN on the fabric.
* Deploying and configuring Control Center Agents. Administered variety of agents like master, host, symmetrix storage, Fibre channel connectivity.
* Installed and configured Cisco MDS 9509 and 9222i directors with Storage module.
* Worked on **Cisco, Brocade, Mcdata core and edge Switches**.
* Worked on fabric manager and Connectrix manager and involved in upgrading connectrix manager to 9.9.2.
* Worked along with EMC in firmware upgrade and microcode upgrade.
* Involved in SRT’s to resolve the storage issue.
* Implemented and documented **SanCopy** to migrate data from **DMX-3 to CX4-480**.
* Implementation of EMC Timefinder and SRDF for Oracle databases. Daily/weekly **SRDF/BCV** **(SRDF/AR)** monitoring performed SRDF Split/Establish, splitting BCV Pairs, Implemented scripts for TimeFinder BCV, clone ,Snap backup and recovery procedures.
* Troubleshoot host-based connectivity issues related to EMC software (PowerPath, Navisphere, ECC client software and third-party HBA's (Emulex and Qlogic).
* Worked on Backup Tivoli storage Manager 5.2, 5.3 and NetBackup 5.5, 6.0, 6.5(Tape Libraries).
* Migrated tera bytes of data from old storage frames to new ones **(Tech refresh) Using VERITAS/** LVM.
* Used Resource manager to create policies to properly utilize the system resources.
* Worked on SanScreen (Onaro) for the reporting and device topology.

**Client: CSC, Chicago, IL Mar’ 03 – Dec ‘06**

**Role:** Storage Administrator/Unix & Backup Administrator

**Environment:** EMC Symmetrix **DMX** Clariion CX series, **NAS Celerra Manager**,**VTL(Clariion)**, **Networker,** Centera ,ECC, CLI, Navisphere,Device Manager, Timefinder, Brocade switches,Centera Cli, **Veritas Volume Manager**, Solaris 9,Redhat Linux 3,AIX 5.x, Veritas Netbackup, Database Edition for Oracle, Oracle RAC, **PowerPath,** Shell Scripting.

**Responsibilities:**

* Administered and configured tiered storage infrastructure consisting of Symmetrix, NAS Celerra and CAS Centera 28 node and CLARiiON arrays.
* Allocation and reclaim of storage and meta and Lun creation using SYMCLI, Navisphere,Celerra Manager,Centera CLI & Centera Viewer and EMC Control Center.
* Daily administration and maintenance of **Celerra NAS arrays (NS40G, NS42G) using Celerra Manager**. Storage provisioning on Celerra by creating file systems; NFS exports; Configured CIFS server and created CIFS shares.
* Installed and configured **CAVA**.
* Worked on **DataMover** configuaration for high availability and implemented and configured replication manager for business continuity.
* Installed and configured primary and secondary domains on two different Brocade 48k fabric environment
* Administration and management of Brocade fabrics using SAN Fabric Manager.
* Worked on Active directory.
* Configured various HBA’s on Production servers using QLogic, Emulex, JNI HBA cards.
* Managed **HBA’s using San Surfer and HBA anywhere**.
* Configured zoning on primary and secondary fabrics created aliases and zones.
* Worked on active directory in issues for the NAS and worked on DNS.
* Created and maintained ISL Trunking, zoning, performed firmware upgrades, and integrated all SAN connected hosts.
* Performance monitoring of all SAN disk using both performance manager and EMC Control Center.
* Worked on Creation and implementation of Clones/Snapshots/MirrorView in Clariion CX series with Oracle databases for offloading decision support, batch loading data and reporting applications from the production database.
* Data Migrations using various tools like **open replicator, SRDF** and **VERITAS**.
* Tuned the qlogic hba config file based on the best practices recommended by EMC and hba vendors.
* Conducted all switching operations, including host integration, zoning, and aliasing using Connectrix Manager.
* Administration and automation of backup strategies and provide various solutions to automate the tape management and backups
* Installation/Configuration and administration of Veritas Volume Manager and Legato Networker Servers.
* Installation and administration of NDMP based storage and backup infrastructure.
* Installing and configuring Networker on new infrastructure.
* Installation of OS patches.
* Monitoring System performance and doing the kernel tuning to enhance the system Performance.
* Writing Shell scripts for system maintenance and automation of server processes.
* Creating and maintaining the File systems
* Installation and configuration of Oracle 9.x on Linux.
* Trouble shooting of day-to-day system problems and end user problems.
* Backup Management through Veritas Netbackup Monitoring Storage infrastructure and managing incidents to meet service levels.
* Analyzed and Upgraded to Veritas NetBackup5.0 from NetBackup4.1 on master server and clients.
* Added disks to the volume group, creating logical volumes and file systems
* Replaced failed drives and performed boot disk mirroring through Veritas volume manager.
* Mirrored system drives using HA High Availability techniques including Veritas Volume Manager and Veritas Cluster Server software on Enterprise series and servers.

**Virtusoft Technologies, Hyderabad, India Mar ’01 – Feb ‘03**

**Role: System Administrator**

**Responsibilities:**

* Installation, (Jumpstart, Web Start and Interactive) Configuration and Administration of Solaris 8.0
* Implementing High Availability using VERITAS clusters for various services like NFS, APACHE.
* Responsible for administration of Windows 2000/NT servers.
* Designed, Installed and Implemented windows 2000 Servers with ADS. And one Oracle Database server on Windows 2000.
* Monitoring systems and act as per the alerts.
* Responsible for monitoring and managing hundreds of Solaris Servers including Desktops.
* Managing NIS and NFS servers with Automount and DNS.
* Installing and configuring Software, Updates.
* Basic Hardware troubleshooting for SUN Servers.
* Implementing netgroups, secure NFS and TCP/IP wrappers.
* Trouble shooting network services on TCP/IP.
* Online file system growing and online disk replacement using VxVM.
* User management and administration for Solaris under NIS environment
* Implementing and Maintaining VERITAS Volume Manager.
* Installed configured and maintained Veritas netbackup 4.x on clients and created policies based on the client requirement.
* Worked with Symantec for Master server and media server upgrades.
* Implementing netgroups, secure NFS and TCP/IPWrapers.
* Package management like Install, remove and update and querying packages using RPM in Red Hat Linux.
* Using Veritas NetBackup for the backup and recovery procedures.
* Securing the Linux Server and Network Services using TCP Wrapper and Netfilter (iptables and NAT).
* RMAN, familiar with data guard.
* Preformed Install, migration, upgrades for production Oracle systems on Red Hat Enterprise.
* Kernel upgradation, Compilation, Tuning and configuring kernel parameters to optimize and enhance the Performance.
* Implementation and troubleshooting of network services like NFS, FTP, SAMBA, NTP, Telnet, SSH in Linux environment.
* Installing and configuring DNS, DHCP, NIS, Autofs, Kickstart Service, User Maintenance and Backups