Bhavin Pathak

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**SUMMARY**

* Extensive experience in administration, maintenance and troubleshooting which includes provisioning and decommissioning of EMCVNX 5300/5500, Symmetrix DMX-2000/3000/2500 & VMAX 10k/20k and CLARiiONCX3-10/40
* Working as a Level 2 Technician for EMC SAN (Symmetrix DMX/VMAX, VNX and CLARiiON)
* 4+ years’ experience in EMC SAN Management with proficiency in administration, monitoring and troubleshooting of the SAN environment using SAN management solutions
* Extensive experience using VMware with hands-on experience in Deployment, Installation, Administration, Maintenance and Troubleshooting of various VMware products
* Experience with complete life cycle of infrastructure projects - Installation, configuration and maintenance of VMware infrastructure resources including VMware ESX/ESXi
* Strong experience with management tools includes Unisphere, EMC Control Center(ECC), SYMCLI, Performance Manager and CLARiiONNavisphere
* Worked as team player and independently handled EMC storage products which includes various products as CLARiiON, Celerra, Symmetrix DMX/VMAX, unified systems (VNXe& VNX), PowerPath, Brocade and Cisco Directors and Switches
* Configuring and managing EMC Power Path for path failover, load balancing and path management
* Strong experience in backup management and disaster recovery administration for Local replication using EMC TimeFinder – Snaps/Clones/BCV and for Remote replication techniques using MirrorView, SRDF & SAN Copy
* Design, maintenance of configuration and troubleshooting Brocade and Cisco Fabrics
* Work with Global Team and to interact with the other teams to coordinate and complete the entire task
* Extensive Experience on Storage provisioning, LUN creation, Masking and Mapping

**TECHNICAL SKILLS:**

**Operating System** AIX, Solaris 9/10, Red Hat Enterprise Linux, Windows 2000/2003/2008

**Storage Hardware**VNX 5300/5500, Symmetrix DMX-2000/3000/2500 & VMAX 10k/20k, CLARiiONCX3-10/40

**Switches**  Brocade DCX, 48000

**Storage Management** ECC 6.0/6.1, SYMCLI 6.x/7.x, Navisphere Manager/NAVICLI, SymmetrixSRDF/S, TimeFinder-Clone/Snapview/BCV, Mirror View/Snapview, SanCopy, EMC Recover Point, BrocadeCLI, PowerPath

## EDUCATION

**B.Tech.** in Computer Science and Engineering from **Nirma University**, Ahmedabad, India

**PROFESSIONAL EXPERIENCE**

**KPMG, NJ**

**Sr. Storage Engineer 5/2014 – Present**

* Performing Primary Health Checks on all the SAN devices in the environment
* Managing and allocating storage from EMC VNX 5500, CLARiiON CX3-10C, DMX 2500/3000 & VMAX 20k storage boxes storage systems using Navisphere/Unisphere Manager and SYMCLI
* Day to day provisioning of storage (Storage device selection/creation, Zoning, LUN Masking)
* Allocation & de-allocation of devices (LUNs) as per incidents and business requirements
* Mapping and un-mapping and masking devices to front-end directors using SYMCLI
* Creating new devices, mapping and unmapping devices, managing Meta devices, SRDF, Open Replicator, TIMEFINDER, BCV and DR implementation & management through the SYMCLI
* Installed & configured the Solutions Enabler to manage EMC Symmetrix DMX storage arrays using SymCLI
* Creating storage pool and form thick&thin LUNs as per requirement
* Delivering remote storage customer support for a range of EMC storage and SAN products in complex configurations and is responsible for call logging, entitling, documenting, troubleshooting, diagnosing, and using elevation and escalation processes when appropriate
* Worked on EMC software tools like symCLI, Control Centre, TimeFinder, SRDF, PowerPath and Unisphere Manager
* Configuration and management of Brocade Fabric environment
* Troubleshooting operations issue on the VMs and storage LUNs
* Creating data stores for different set of VMs
* Performing snapshots, cloning of VMs
* Moving VM's from one LUN to another LUN using Storage V-Motion
* Performance tuning of VMware servers, Virtual sessions and management of server resources between virtual machines
* Zoning of Server HBAs & Storage server fiber ports in Brocade switches
* Problem identification and resolution of the SAN storage and fabric
* SAN provisioning of fabric resources including cabling and zoning
* Supporting SAN infrastructure, NAS infrastructure and DAS infrastructure

**Aks Infotech, NJ**

**Storage Consultant 7/2013 – 4/2014**

* Installing, configuring, monitoring & managing of EMC VNX 5300, CLARiiON CX3 & VMAX 20k
* Assigning Storage space from CLARiiON, VNX, DMX & VMAX Storage Boxes to Hosts
* Perform troubleshooting and configuration of client servers, SANs, switches, NAS devices, tape backup units and accompanying Operating Systems
* Health check for CLARiiON, VNX, DMX and VMAX storage and Cisco Switches
* Configured and implemented SAN fabric and EMC DMX storage array
* Configured EMC Control Center Server for test and development environment
* Deployed, installed, and managed ECC agents on SAN fabric hosts
* Allocating storage from EMC CLARiiON, Symmetix VMAX to Windows/Linux/Solaris servers
* Provide performance tuning and regular maintenance in order to minimize downtime and maximize performance
* Implementing industry best practices in production environments for optimized performance
* Communications technologies utilized include iSCSI, Fibre, Ethernet and FCoE
* Continue to follow up with customers until issues are resolved and satisfaction is guaranteed

**Technext Solutions, India**

**Storage Engineer 4/2011 – 7/2013**

* Troubleshooting the SAN connectivity on different Operating Systems Windows & Linux
* Confront the issues that were unable to be resolved by the Level-1 technical support engineers over phone, email, chat support and remote assistance.
* Demonstrate effective communication skills with customers by building report and keeping daily contact until their issue is resolved
* Continue to follow up with customers until issues are resolved and satisfaction is guaranteed
* Worked as a trainee/intern and studied on SAN/NAS EMC storage technologies.
* Got training for EMC certification EMCISA course
* Installing, configuring and managing Cisco switches, routers, servers, desktop computers and printers
* Coordinate and link the computer systems within an organization to increase compatibility and so information can be shared
* Remotely logging into the user’s pc using RCO - Remote Control Option
* Designed, validated and implemented LAN, WLAN & WAN structure to suite client's needs
* Installing or uninstalling software like antivirus protection, Microsoft office, etc.
* Mapping shared drives and mapping network / local printers
* Installing and Maintenance of in-house and client network
* Configuring and troubleshooting a pc for remote connection through vpn or dial up