



SPECIALIST PROFILE

Personal Details

<i>Reference:</i>	TH3360
<i>Job Title:</i>	Storage Specialist
<i>Nationality:</i>	Indian
<i>IT Experience:</i>	12 years
<i>Qualifications:</i>	EMC Proven Professional Certified (EMCISA) Microsoft Certified System Engineer Microsoft Exchange Certified Cisco Certified Network Associate
<i>Languages:</i>	English
<i>Availability:</i>	On request

Overview

Architecture and Products:

ARCSERVE BACKUP, DHCP, DNS, LTO ULTRIUM, NAS, NETAPPS NEARSTORE, SAN, STORAGETEK, SWITCHES, TCP/IP, TIVOLI STORAGE MANAGER, UNIX, VERITAS NETBACKUP, WINDOWS, XSERIES, SVC, BROCADE, TAGMASTORE USP, VSP, USPV, DS8000 SERIES,

Specialist Experience:

USPV, DS8000 and SVC deployment.
Data migration using SVC.
Brocade SAN design, implementation and administration.
24x7 backup maintenance and support.
Brocade Fabric Manager implementation.
Storage/SAN troubleshooting.



Highly skilled and experienced freelance SAN/Storage consultant, with over 11 years experience in the IT industry & includes 7 years in Storage. Experience on running complex projects from architecture, design, implementation, training and support. A specialist on IBM DS8000, SVC storage virtualization & EMC, HDS USPv, IBM backup products. Extensive experience in deployment of the USPv, DS8000 & SVC's as well Tivoli Storage Manager. Involved with some of the very first IBM XIV storage systems deployments.

Main skills

- Consulting/Pre and Post Sales/Team Leadership/Training/Technical Management
- Performance & capacity planning and reporting
- Data migration across multi vendor storage and data centre migrations
- Exceptional Storage/SAN troubleshooting skills
- Create standards and processes for storage configuration, optimization, virtualization and Disaster Recovery
- Co-ordinate with Vendors
- Storage Technologies:, Hitachi HDS USPv, VSP, IBM DS8000, DS6000, IBM DS4000, SVC, XIV, ESS, Net Apps FAS & V Series, V7000, EMC Clarion Series and Symmetric DMX, Centerra, Clariion Vmax, Vnx File & Block, HP3 Par T & F class storage.
- Tools , EMC Data Protection Advisor, TPC , Symantec Command Centre , BMC Patrol Hitachi Command suite 7, Net App SAN Screen.
- Shadow Image, True Copy, Universal Replicator, SRDF, Time Finder, Hitachi Open Remote Copy Manager (HORCM), Advanced copy services (flash copy, metro/global mirror),
- SAN: Brocade DCX, M4800, MPR's (including extended fabric, FCIP, multi-protocol routing, SAN encryption, SAN based data migration, DCFM, SAN virtualisation, NPIV)
- Knowledge of storage on Unix, AIX (including virtual IO), VMware, Windows Clustering, Oracle RAC clustering ,Hyper-V, vSphere
- Understanding of IBM System p, System x, IBM and HP Blade centre
- 24 x 7 Support and maintenance of Backup and Storage
- Documentation and maintenance of operational issues and solutions
- Specialising in the Financial Services market
- Tivoli Storage Manager 5.4,6.1
- Symantec Net backup & Backupexec
- Tape Library Management
- Data Migration
 - Using IBM SVC (San Volume Controller)
 - Hitachi USPv (HTSM)
 - Brocade DMM's
 - IBM XIV Migration Method

Professional Certification

EMC Proven Professional Certified (EMCISA)
Microsoft Certified System Engineer
Microsoft Exchange Certified
Cisco Certified Network Associate

Training Achieved

IBM DS8000/SVC/XIV
Emc Vnx
Preparing for EMC VMAX Certification
HDS USPv



Working History

Jan 12-Till date

Storage Consultant for a technology company

Working as a Storage Consultant in a storage support team. Providing support for different customers & working on new projects design and implementation. Work includes day to day problem resolution & Change implementations across different customer environments. Provide storage/backups consultancy for new projects.

Aug 08 - Dec 11

Storage Consultant for a bank

I was part of "Storage Transformation" project team. For this project I was involved as a designer for helping to test and migrate the bank's legacy ESS based environment to a new SVC/DS8000 virtualization infrastructure & included IBM TPC, EMC Data Protection Advisor and Brocade Fabric Manager Implementation. I was also as team member on "Storage Integration" project which involved the consolidation of two storage environments. This was one of the largest & complex pieces of work and one of the major storage projects in Europe. I also provided strategic input regarding future technological direction.

Included below activities:

- Consolidation of the data centres
- Migration methodology to move data from two data centres
- Designing a scalable resilient SAN environment which can manage with future growth demands of the combined bank
- Designing and implementing the correct performance and management tools for the environment.
- Implementing new storage technologies based on the latest platforms, including thin provisioning, cascaded flash copy, SDD storage, automatic tiering and advanced SAN functionality
- Co-coordinate with external Suppliers
- Net Apps, IBM N-series NAS Design & Implementation
- SNAP Mirror, Vault Configuration
- Produce L3 design for the Backups Implementation
- Defining and managing storage pools
- Define Retention policies & management classes
- Monitoring and server maintenance tasks are successful on a daily basis, correcting any issues & fix them.
- Provide On call Support
- Backups Problem reporting
- Assist with the Backups Software revisions

Technologies being used for this project included Hitachi USPv, VSP, Brocade DCX based SAN (utilizing 8 GB technology, SAN routing, virtualization and SAN based encryption), IBM SVC, XIV, DS8000, IBM TSM and Symantec Net backup.

Storage Engineer, May 2004- Aug08

Worked on multiple projects at for different Clients. This involved implementing a new storage environment involving a below products:

- IBM DS6000/8000, DS4000, SVC, TPC
- EMC Clarion Series and Symmetric DMX
 - SYMCLI



- EMC Control Centre
- HDS USPV
- Tivoli Storage Manager
- Brocade, Mcdada SAN and Brocade Routers using EFCM
- NetApp NAS storage
- IBM tape and TSM backup infrastructure
- IBM System P and Bladecentre
- VMware ESX server
- vSphere, Hyper-v

I've designed and implemented SAN infrastructure for customers. This involved ownership of deploying storage solutions from initial design, datacenter layouts, physical implementation, and configuration, testing and training to the local operations team. I've been involved in major Storage Transformation projects to consolidate the storage infrastructure & Data enters. I was involved with designing of the projects, proof of concept testing and planning of consolidation & migration strategies. I was the main contact between the design and support teams, proving product training, documentation and procedures to allow a smooth handover of the infrastructure on completion of design and testing.

Responsibilities

- Configuration & Management of Fresh setup for IBM DS8300, IBM DS4500 Storage & Tivoli storage Manager 5.2
- Design & implement Brocade SAN
- Maintenance and Administration of Brocade SAN Fabric
- Installation, Configuration & Microcode updates of SAN Administration Tools
- Implementing Flash copies & flash copy based backups
- To Perform/Co-ordinate for the SAN/Storage components replacements, Microcode up gradations.
- Co-ordination with Vendors/Principals & Facilities for Storage Installations.
- Capacity planning & Inventory management.
- Handling level-3 issues and help offshore team to resolve long pending tickets by finding out the Problem areas and fixing the gap in understanding, resulting in better SLA and Project Delivery.
- Windows 2003 cluster implemented in DS45000 for Microsoft Exchange, File Cluster & Print Clusters
- Data Migration from Legacy environment to New Centralized SAN Environment.
- Media Management

March2003 - May 2004
Senior System Specialist

April2001 - Feb 2003
System Specialist

May2000 -March 2001

Worked as Systems consultant & I've completed many projects for the company customers on Leading Microsoft technologies which included below responsibilities:

- Server Hardware Installation
- Windows 2000 Installation
- Active directory design & Configuration
- DNS, DHCP & Group Policy implementation



B & M SkillSource
expertise for enterprise systems

- Exchange 2000 design & Installation
- Microsoft Internet & Acceleration Server 2000 installation & configuration
- Network Installation & configuration
- Backups Software installation & Configuration
- Symantec Ghost Imaging