

In Quest of assignments in the domain of System Integration and Hitachi, NetApp, HP 3PAR and EMC SAN Administrator to deliver Solution for complex technical requirements along Site setup and project Implementation, Management, and administration for diverse client industries.

## **Professional Abridgement**

### Competency profile

- **5+ Years** total Experience and relevant years in Hitachi SAN storage technology on Hitachi **VSPG1k, VSP, USP-V, HUS, HNAs, NetApp Storage, Brocade** switch etc. Troubleshooting and provides top-notch service, sets high standards, and exceeds expectations and working as Hitachi SAN Admin for general purpose troubleshooting.
- Working with Project Build team for designing and planning of Storage/SAN solutions.
- Performing **Disaster Recovery Drill** with Raid Manager for various critical systems.
- Having excellent exposure on Brocade SAN switches.
- Having excellent exposure and hands on working knowledge on Red Hat enterprise 5.
- Having reporting knowledge on Tear Manager tool.
- Having working knowledge of Hitachi Command Suite (**HDvM, HTnM, and HTSM**), Hitachi Storage Navigator, RAID Manager (**CCI**) and EMC Unisphere.
- **Performance analysis**, monitoring and tuning of storages using tools like Hitachi Tuning Manager, Hitachi Storage Navigator, Hitachi performance export logs, NetApp OCUM etc.

## **Professional Experience:**

### **Alacer Consulting Services Pvt Ltd.**

(March 2019 to till date)

- Providing L2+ support level to Hitachi and NetApp Storage boxes.
- Storage provisioning, LUN Management, LUN masking, Zoning, Performance Management and Volume Management (Planning, Allocation, and de-allocations).
- Storage virtualization and good technical exposure in Virtual Partition Manager in VSP, USP-V Arrays.
- Dynamic Pool (HDP) creation and management as per requirement.
- Hitachi Dynamic Tearing (HDT) creation and management.
- Increase the size of pools as per requirement.
- SVP Administration.
- Provide daily, weekly, and monthly storage status, Capacity and performance reports.
- Vendor management in fixing the critical/Major issues and upgrades.
- Liaise and work with hardware/software vendors and project groups as required.
- Analyze and resolve escalated problems within target. Trouble shooting Storage related problems and alerts monitoring.
- EMC XtremIO Installation, Allocation, De-allocations, Snapshot.
- EMC Unity allocation & deallocation.
- EMC VNX allocation & deallocation.
- Pure Storage allocation & deallocation.
- HP 3PAR allocation/deallocation, Virtual Copy.
- Zoning configuration for new system in the environment.
- Hands on Experience in HP 3PAR 20K, V400,7200,7400 series and Inserv model
- CPG creation on HP 3PAR

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- Adaptive Optimization & Dynamic Optimization configuration on HP 3PAR
- Capacity Planning of Storage environment
- Configuration of virtual volumes, Zoning, decommission, commission activities. Deployment management
- Creation of Vserver/Lif/Volumes in the environment
- Configured & did migration from 7 mode to cluster mode with the help of snap mirror.
- Configure backup with the help of snap vault.
- Configure & did migration of vfiler from 7 mode to 7 mode with the help of snapmirror without disruption. Volume/Qtree Creation.
- Taking care of CIFS/NFS/ISCSI troubleshooting.
- Help SRM team to discover the NetApp/EMC arrays under VIPR SRM tool.
- Ifgrp creation, management & perform LACP testing when system was in acceptance phase. •
- Hands on expertise on Q tree creation, Quota Management (Re sizing, Report)
- Vendor followup with EMC/NetApp for H/W failure & performance issues.
- Manage export policy/exportfs on Cluster mode & 7 mode filers.
- NetApp snapmirror, snapvault configuration.
- Troubleshooting file share problems for CIFS & NFS.
- Daily task like NFS creation, CIFS creation, LUN creation, disk addition, performance issues & snapmirror configuration.
- Taking care of volume full & aggregate full issues.
- Creating & Administration of CIFS and NFS shares, LUN, iGroup, managing Volumes, Snapshot, DFM (Qtree, Vol, Aggr Alerts).
- 7 mode filer decommissioning.
- Verify the settings for all newly installed systems in the environment.
- Cluster mode filer commissioning.
- Cluster peering setup to configure a snapmirror for replication.
- Vserver peering setup to configure a snapmirror for replication of volumes.

## CURRICULUM VITAE

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- Installation of new Brocade Switches in environment which include Set IP Address, License installation, Domain Id configuration & Switch Name Configuration as per standard.
- ISL Configuration on Switches as per the requirement.
- Doing Zoning for new Host, Tape Libraries & HP Eva which include following points:
  - Create Alias of new Device
  - Create Zone name for Zoning.
  - Add Zone name into Zone set.
  - Save config & Enable config of Zone set.
- Brocade Switch configuration backup with the help of SAN loader tool.
- Brocade Switch upgrade with latest version.
- Did troubleshooting, if any issue came at host side.
- Remove Zoning if need to decommission any host or Eva.
- SFP replacement of brocade switches by coordinating with vendor.
- Collect Logs of Switches, if need to share it with Vendor to troubleshoot the issue.
- Evaluate multiple target hardware platforms to identify best-fit scenario for customer's desired Requirement and meet data center need.
- Provisioning new LUNs to new servers, Zoning, extending storage to existing servers.
- Firmware up gradation on storage arrays.
- Brocade switches administration.
- Working on Incident, Problem and Change management using Service Center tool
- Coordinate with other vendors (Hitachi, HP, Brocade, Oracle, etc.) to ensure smooth operation.
- NetApp Storage Administration-(via ONTAP CLI, Filer View and NetApp On command System Manager)
- Analyzing, Resizing and checking the growth of aggregates, volumes and qtrees
- Export NFS and CIFS shares with the volume/qtree to the client and manage permissions.
- Create and map LUN's in storage array (NetApp).
- Data ONTAP Up-gradation.
- Disk shelf and SP Up-gradation as per the ASUP report.
- Monitoring the DR Site.
- Coordinated hardware/software maintenance and repairs with vendors.
- Analysis Performance issue
- Storage Provisioning.
- Snap Mirror Replication (Asynchronous and Synchronous)
- Run SAN Health / create configuration Backup and Auto dump logs of USPV
- Actively involved in Storage migration from USP to VSP
- Resolve issues that might occur during the DR testing
- Coordinating with the vmware esxi teams for space reclamation from different servers.

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### Educational Qualification

- B. Tech from LPU Phagwara, with 7.15 CGPA under session 2012-2016.
- Intermediate in Non-Medical from PSEB MOHALI, with 80 % under session 2011-2012.
- Matriculation from PSEB MOHALI, with 80% under session 2009-2010.

### PERSONAL FORTE

- Passport Number:
- Marital Status: Married
- Nationality: Indian
- Date of Birth: 09-05-1994
- Hobbies: Traveling and listening to soft music.
- Languages Known: English and Hindi.

### DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Ajay Kumar**