**Durgaprasad D**

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**Cognizant** opportunities in NAS & SAN(storage) with virtualization of VMWARE NSX and Openstack cloud leading organization where a diverse background and proven technical expertise will be utilized and advanced.

**A BRIEF OVERVIEW**

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* Over **9+ years in Storage & Backup Administration** with technical expertise in the implementation, Operations and support functions of business solutions
* Having 1 year of experience in private Cloud Red Hat OpenStack and VMWARE NSX.
* Presently associated with **Cognizant Private Ltd, Bangalore as Senior Storage engineer (SAN &NAS).**
* Abilities in handling multiple priorities, with a bias for action and a genuine interest in professional development.
* Team player with strong analytical and communication skills.

**TECHNICAL EXPERTISE** BD21338_

* **Domain Knowledge: Storage Domain (SAN and NAS), RAID, FC and VMWARE-NSX**
* **Hardware Management**: **EMC Products VMAX, VNX, DMX, IBM Products SVC 7.1, DH8, Brocade DCX 8510, Brocade 5480, Blade Servers, Dell Power Edge R630,R640 servers**
* **Application Tools**: **EMC Unisphere,CLI,SVC Web based GUI, SVC CLI, ,Brocade BNA,CLI**
* **Cloud Computing :** RedHat OpenStack Platform 13 and VMWARE NSX-T

**FUNCTIONAL EXPERTISE** BD21338_

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| --- | --- |
| **Storage and SAN Administration Skills** | |
| SAN Management | * Implementing Zoning in highly available SAN environment * Adding/Deleting/Modifying Zoning configurations. * Implementing Zoning for the LPAR Machine * Trouble shooting switches related issues. |
| Fabric  Management | * Preparing patch plan for the new standalone servers. * Preparing patch plan for the new VIO Power series machine. * Creating **Virtual** switches and assigning to fabric. |
| LUN management | * Allocation and Reclaiming SAN Space LUNs in a heterogeneous **SAN& NAS** environment. * Assigning LUNs in clustered and standalone environment (servers). * LUN Expansion from **SAN** and **NAS** * Creating **CIFS & NFS** shares and mounting to servers and users from **NetApp** storage |
| Business Continuity Solutions | * Implementing Business Copy solutions in different storages E.g Time finder Clone in EMC & flash copy and Metro mirror in SVC. * Time finder/Cone operation for **EMC VMAX.** * Flash copy, Metro Mirror, Global Mirror operation for **IBM SVC**. * Creating/Assigning LUNs for flash copy operations. * **Migration** donefrom **Carrion** to **VNX** Storage environments. * Storage **Migration** from **XIV** to **SVC**. * Volumes Migration from NetApp |
| Virtualization& cloud | * VMware NSX T & OpenStack and NIC card drives of SRIOV,DPDK |

**CERTIFICATION** BD21338_

* IBM AIX System Administrator.
* EMC ISM Certified
* ITIL V3 Foundation Certified.
* IBM SVC,
* EMC VPLEX
* AWS Certified Solutions Architect – Associate

**EXPERIENCE NARRATIVE** BD21338_

**Since March 2019 with Cognizant, Bangalore Senior Storage Engineer**

**Clients:**

* **Healthcare**

**Key Deliverables:**

* Working as a part of Health care Team, design and built of Storage arrays of heterogeneous environment (EMC, NetApp, IBM), that let the user can secure and keep the updated with large data, which is a key factor in deciding space to individual.
* Experience in NetApp 2k series models on **7-mode/c-mode**, On-command System as well as Unified Manager, and Data Fabric Manager
* Managing **NetApp** Filers (NAS and SAN), 7-mode, C-mode, Filers, and vservers
* Experience in creating Aggregates, Data Sets, Volumes, and Qtrees, CIFS, NFS.
* Knowledge on Deduplication, ISCSI
* Troubleshooting on CIFS & NFS mounting issues from Server/user end.
* Implementing and managing aggregates, volumes, Qtrees, Luns in NetApp console.
* Providing CIFS shares and NFS Exports as per request.
* Working with NetApp snapshots and maintaining schedules.
* Pure storage- Creation of Volumes and assigned to host.
* VPLEX storage- Creation of virtual volumes and assigned to host.
* Working on Storage provisioning, Decommission and Partial Reclaims on **EMC Symmetric** **V-MAX** Arrays
* NetApp- Creation of CIFS,NFS, and FC Volumes
* Worked on performance enablers(SRIOV,DPDK)
* **VMware –vsphere**: Creating Templates from VM’s, deploy VM’s from templates and allocate resources
* Migrating of Virtual Machines using V Motion.
* Creating & Managing VMFS Datastore’s
* Performing Snapshots, Cloning, Cold Migrations and Hot Migrations.
* Configure ESXi networking and create Virtual Standard Switches/distributed switch.
* Cisco switches- Creation of zones
* IBM SVC- Creation of Vdisks and mapping to host.
* Implementing volume migration from one aggregate to other aggregate.
* Troubleshooting on CIFS & NFS mounting issues from Server/user end.
* Created the Virtual switches and assigning the ports to Virtual switches
* Working on Storage provisioning, Decommission and Partial Reclaims on EMC Symmetric V-MAX Arrays.
* Performing Auto provisioning, Managing Initiator groups, port groups and Storage groups in EMC V-MAX.
* Trouble shooting Skills on Storage and switch end when issue arises.
* Handling performance issues.
* Analyzing the Disk/Storage issues through EMC performance.
* Take action on Performance related by coordinating with different teams/Vendor.
* Involving in the project team meetings and taking the business requirements.

**Since Aug 10th 2015 with CGI, Bangalore Senior Storage Engineer**

**Clients:**

* Knowledge Universe - Portland
* Bell Media -Canada

**Key Deliverables:**

* **IBM SVC-** Creation of extents in Mdisk groups.
* **IBM SVC**- Creation of Vdisks and mapping to host.
* Performing Auto provisioning, Managing Initiator groups, port groups and Storage groups in **EMC** **V-MAX.**
* Providing the space form **EMC VNX** unified**.**
* Creating **CIFS & NFS** shares and mounting to servers and users from **Netapp** storage.
* Configure and administrator for CIFS and NFS Shares & Proving the permanent permissions.
* Troubleshooting on **CIFS & NFS** shares.
* Working on **NFS share** mount issues.
* Checking performance on volume/LUNs.
* Created the **Virtual switches** and assigning the ports to Virtual switches.
* Configuring **DE-duplication**.
* Creating the snapshots & Monitor Snapshots utilization on daily basis on **NetApp**.
* Expanding volumes, Clearing snapshots and updating **Snap mirror relationship**
* Monitoring volumes, snapshots, Snap mirror relations & aggregate utilization.
* Symmetric array LUN provisioning and **Time finder/Clone copy creation on EMC VMAX.**
* Creating **SRDF Async** for new servers and exiting servers.
* Storage **Migration** from **XIV to SVC**.
* Volumes Migration on **NetApp**.
* **Zoning** implementation on **Brocade** switches using CLI.
* Daily Health checks for Storage, switches.
* **Trouble shooting Skills** on Storage and switch end when issue arises.
* Handling **performance** issues.
* Analyzing the Disk/Storage issues through **EMC** **performance**.
* Take action on **Performance** related by coordinating with different teams/Vendor.
* Involving in the project team **meetings** and taking the business requirements **like IOPS, bandwidth, throughput and disk sizing, Raid levels.**
* **Flash copy & Metro mirror** creation on **IBM SVC.**
* **Snapshot/Clone** Flash copy & **Metro/Global** mirror creation in **SVC**
* **Full/Incremental** Flash copy and **Metro/Global** **Mirror of** LUN expansion in **SVC & XIV.**
* Expansion for **Replication LUN’s.**

**From Sept’14 to Aug’15 with Hewlett Packard Global Soft Limited, as Service Delivery engineer**

* Working on **NetApp** Volume related **issues**.
* Provisioning, Decommission and Partial Reclaims on EMC Symmetric **V-MAX** Arrays.
* Provisioning on **EMC VNX** storage.
* Replication on **IBM SVC**.
* Preparing Monthly reports for Capacity Planning and **projecting to Customers**.
* Supporting shared services.
* Day to Day Administration includes **Storage Allocation, Zoning, and Troubleshooting on San Fabric.**
* Providing 24X7 supports for the customers as per the Service Level Agreement (SLA).
* Monitoring SAN Alerts.
* Co- coordinating with CE to replace the failed drives
* Zoning implementation on Brocade switches using web tool **DCFM**
* Attending the weekly meetings as Team requirement.
* **Troubleshooting on switch port issues**.
* Team Player with strong analytical and communication skills.
* Providing Vendor support for all Hardware activities

**From Dec’12 to sept’14 with MindTree, Bangalore as Senior Storage Admin**

**Client: KPN- Netherlands**

**Key Deliverables:**

* **IBM XIV**- Creation of **storage pools, volumes, mapping VDisks** to host.
* Configuring host in **SVC/XIV** and allocating Storage.
* IBM SVC- Creation of Vdisks and mapping to host.
* **Flash copy & Metro mirror creation** on **IBM SVC**.
* **Snapshot/Clone** Flash copy & **Metro/Global** mirror creation in **SVC**
* Zoning implementation on Brocade switches using web tool **DCFM (IBM Network Advisor 12.4).**
* Fault status checks & respond to alerts from storage and co-ordinate with vendor for repairs.
* Managing Devices and TSM Server. Defining nodes, creating policy domains, management policies, scheduling backups, disabling backups.

**From Feb’11 to Dec’12 with Wipro, Bangalore as Product support engineer for Storage**

**Clients: Shared service (EMC)**

**Key Deliverables:**.

* Working as a product support engineer on **EMC DMX,VMAX** storage devices.
* Patches, E-packs, microcode to Symm **(DMX& VMAX).**
* **Troubleshooting all types of script/drive/power supply issues**.
* **Troubleshooting on VMAX frontend and backend director issues**.
* Providing **chat support, working on phone task** on **symmetric critical issues**.
* Manage and respond to **storage** requests.
* Handling **Memory and Directors issues** in symmetric Arrays.

**Significant Highlights:**

* Received **appreciation mails** from customer for the proactive approach on handling **critical issues** on **Storage**.
* Received the spot award for coordinating with teams to handle the critical issue.
* Mentoring junior members in the team and also provide KT on process and daily activities and getting them into Productivity with a positive attitude.

**ACADEMIA**

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* B.Sc from **Nagarjuna** **University** in 2009.
* 12th from SERM jr College 2006.
* 10th (SSC) from ANH in 2004.

**PERSONAL DOSSIER**

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Date of Birth : 16th August 1989

Languages known : English, Hindi, Kannada & Telugu