



Specialist  
AIX/VIO/NIM

**JAGADISH G**

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Immediate Joiner

**Experience: Total 4 years 8Months**

2 Years *with IBM*

*2 year 8 Months with Maize Technologies Pvt Ltd*

*this includes:*

AIX System Administration

Configuring VIO

Configuring NIM master and performing client installations

**Qualification:**

B.Tech (Computer Science) from Anna University.

**Certifications:** IBM Certified *System p* Administrator

**Skills:**

Operating Systems	:	UNIX,LINUX-LVM,AIX 5L, AIX 6.1.
Virtualization	:	VIO
LVM, Network	:	NIM,NFS,LVM

**Experience Details:**

- Working as a System Administrator for IBM, Bangalore from April 2015 to till date.

Worked as a system Administrator in Maize Technologies from May 2012 to january 2015

**Projects and Roles taken up:**

- Performing network installations, configuring NIM master, creating nim resources, defining machines, configuring NIM clients and perform clients recovery by using their mksysb image, new installations, TL or ML upgrades etc.,
- AIX BOS installation, including different installations methods such as complete over write, migration, preservation methods.
- Installing new software file sets, upgrades, APARs installation, ML/TL upgradations etc.,



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- Performing file system integrity checks, fixing file systems issues by booting the server in maintenance mode.
- Recovering root password, replacing failed hard disks, making disks high available by mirroring volume groups, logical volumes.
- Problem diagnose using system dump – system dump configuration, generation, estimating dump sizes, configuring primary and secondary dump devices etc., Coordinating with IBM engineer to analyze this dump vmcore files.
- Understanding of booting process, fixing booting issues, re-writing boot records, working with maintenance modes.
- Working with system management interface tool (smit), going through smit logs etc.,
- Performing alternate disk installations and reduce down time while performing installations or TL/ML up gradations.
- Configure NFS server and client and work on NFS issues if any.
- Configuring network interfaces, aliases, interface speed, diagnose network issues by looking at their statistics.
- Configuring startup daemons at system starting by configuring init tabs, creating, changing, and removing init tabs.
- Configuring new devices, working with configuration manager (cfgmgr).
- Fault network cards replacements, working with hot swappable devices such as hard disks, and replacing faulty hard disk for rootvg as well as user defined volume groups.
- Configuring cron jobs, and working on cron logs to checking for job status.
- Uploading file using ftp to different servers and fixing ftp issues.
- Working on inetd.conf file configurations, enable or disabling services using this method.
- Working with DNS name look ups (nslookup), ping, etc., networking troubleshooting tools.
- AIX LVM – creating volume groups, logical volumes, file systems, etc., resizing file systems, working with mount points such as changing mount point for file system.
- Migrating logical volumes,, mirroring vgs and lvs, copying logical volumes, export and importing volume groups.
- Monitoring performance using topas, vmstat, sar, iostat, netstat etc.,
- User and security management. Creating new users, giving access to file and directories, using chmod, chown and ACLS to give advance extended permissions.
- Finding hardware and software errors using errpt and fixing these issues.
- Asking rootvg backup using mksysb and also taking user defined volume groups using savevg. Recovering servers using mksysb tape or via NIM.
- VIO configuration and clear understanding about Processing modes - Dedicated and Shared, Shared processors processing units from one shared processing pool,



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- Entitled capacity, Capped partitions, Uncapped partitions virtual processors, and logical processors.
- VIO server installation, backup configuring physical devices, mapping these to VIO clients.
  - Configuring Shared ether net failover (SEA) with dual VIO server setup, configuring multipathing shared disk for redundancy.

**Personal Details:**

Language Skills : English, Telugu and Tamil.  
Nationality : Indian