Gaurav Verma

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Objective: A challenging career that best utilizes my enthusiasm, skills, interest & a long term fruitful association with the organization, which provides opportunities to enhance my knowledge and sharp my skills, while working as a core team member.

Technical Skills:

OS : Red Hat Linux / AIX / VMWARE /

File System : JFS, JFS2, NFS, CIFS, ext2, ext3, ext4 (UNIX to Windows)

Tools : BMC Remedy, HP Open View, IBM Tivoli

Storage : IBM DS8K, HP3PAR

Educational Qualification:

* B.Tech. in Electronics and communication from MIET, Meerut in 2011 with 68.4 % .
* H.S.C. from U.P. State Board in 2005 with 76.2 %.
* S.S.C. from U.P. State Board in 2003 with 66.5 %.

Certifications:

* Completed IBM C4040-109, Virtualization Technical Support and Administration for AIX and Linux –v2
* Completed IBM C4040-221, AIX 7.1 Administration
* Completed ITIL EXO-101, ITIL Foundation V3

Work Profile:

Current organization : Tata Consultancy Services (TCS).

Project : **TATA MOTORS** **LIMITED**.

Role : LINUX and AIX System Administrator (L2+ support)

Hardware : IBM Power System (p570, p595, p6, p-7)

Application/Tools : BMC Remedy, HP Open View

Storage : IBM DS8K (2.6.5), HP3PAR (3.1.0.0)

Duration : Working from Jan 2012 to till date (3 Yrs.)

Job Responsibilities:

Linux:

1. Installation and configuration of Linux for new build environment.
2. Configuration of network equipment for newly builds servers.
3. Mirroring of root disk in AIX and Linux. Managing (adding/removing) disks and partitions (LVM)

Managing Disk File Systems, Server Performance, Users Creation and Granting file  
access Permissions.

4. Creating File system and configure to available network through NFS.  
5. Kernel re-configuration & parameter tuning.  
6. Monitoring & troubleshooting with performance related issues  
7. Managing all rebooting activities.  
8. Managing upgrade of Linux servers  
9. Providing training to Junior Staff.  
10. Creation of groups, adding User ID to a group as a primary or secondary group, removing User ID from a group. Trouble shooting user’s login & home directory related issues.  
11. Ticket assessment on daily basis.   
12. Creating SOP (Standard Operating Procedure).  
13. Swap space management.  
14. Job Scheduling and Automating process using CRON & AT.  
15. Installation of patches and packages.  
16. Configuring and managing network interfaces.  
17. Basic creation and troubleshooting on scripting like Shell/Perl.

18. Samba Server configuration with Samba Clients.

19. Monitoring system logs and root's email for important messages such as errors and  
 warnings or hardware failure errors.

20. Shell scripting.

**AIX**:

1. Creating AIX LPARS and allocating resource over LPAR’s using HMC.

2. Installation software, patches and TL up gradation and service pack

3. Migration using NIM and VM

1. Collect hardware and software details over server.
2. Taking OS backup like Mksysb, Tar,Dump,Alt\_disk\_mksysb and ignite of recovery.
3. Logical volume management in AIX configuring Logical and physical volume group.
4. Working with file system, creating, and deleting, managing file system.
5. Working with paging space such as increasing and shrinking.
6. Monitoring system, CPU, memory and disk utilization using vmstat , topas , netstat command.
7. User Management- creating, maintaining, and removing users and group, security setting.
8. Adding Route at OS level.
9. Network maintance, System backup and restore.
10. Performance cron jobs, at processing and job scheduling.
11. Software management.
12. Monitoring the Performance on the server
13. Trouble shooting performance problems
14. Incident management using remedy tool.

Summary:

* IBM Certified System Specialist with total of **3 years** of experience as a Unix System Administrator (Primary- Linux, Secondary-AIX).
* Involved in Configuration, Planning, Migration, up gradation, Backup and Recovery on IBM AIX, HMC, LPAR-DLPAR, NIM, VIO , User administration Create/delete/Modify user with proper permissions , Installation of O.S., Creating New partition, managing File system, Disk management .
* Day to Day management functions of the Infrastructure team.
* Performance tuning and customization of work environment.
* Working as per ITIL process – Incident Management, Change Management, Problem Management, SLA, etc.

Personal Details

Name : Gaurav Verma.

Sex : Male

Date of Birth : 21-July-1988

Marital Status : Single

Present Address : G 802 Cosmos Magarpatta City

Hadapsar, Pune-411028

Passport Details : J7679464

PAN Detail : AMMPV8308C