**Mohammed Waseemuddin**

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**Professional Summary:**

* 8 years of experience in support and engineering of UNIX, Linux and AIX servers.
* Extensive experience in installing, upgrading and patching **AIX** versions 4.3, 5.1, 5.3, 6.1 and 7.1 and RHEL 5, 6 and 7 - Solaris 10, 11).
* Perform **post provisioning** on newly built server and installing standard software and configuration as per client standard
* Experience in administration of AIX versions 4.3 , 5.1 , 5.2 , 5.3, 6.1 and 7.1
* Excellent with server migrations from POWER5, POWER6, POWER7and POWER8
* Expertise in HACMP and PowerHA installation, configuration and maintenance.
* Extensive experience in NIM Master and Client servers
* Experience with LPARs, Dynamic LPARs and VIOs.
* Experience with problem determination faced during PowerHA clustering.
* Performed migrations from HA 5.5 and below to HA 6.1
* Well versed with NPIV and Live Partition Mobility (LPM).
* Experience in administration and problem determination of WebSphere Application Server on WAS versions 4.0, 5.1, 6.1, 7.1, 8.0 and 8.5.
* Performed migrations of WAS from 6.1 and lower to 7.1 and 8.0
* Experience with upgrading and patching IBM HTTP server and Edge components.
* Well versed with troubleshooting WAS and HTTP server related issues.
* Experience in Administration of SUSE Linux and Redhat Linux
* Experience in NFS, Samba and NIS administration.
* Experience with IBM shark storage and expertise with EMC Symmetrix storage using Power Path.
* Deploy application on **Tomcat**, **JBossAS**, **Weblogic** and **Websphere** server
* Good knowledge WebSphere Application Server.
* Extensive experience with Virtualization and Micro partitioning.
* Patch management, bug fixes, firmware upgrades and other changes to maintain the currency of server platforms
* Sound knowledge of Systems Administration tasks like Software Installation, Backup and Recovery, Disaster recovery, Performance management, and capacity planning
* Well versed in System troubleshooting, Hardware planning, Configuration, Network design and Database installation.
* Hands on experience in solving various problems. Used ‘errpt’ and ‘diag’ commands for diagnostic, opened PMR with IBM, and reboot the server when required.
* IBM-AIX kernel Tuning, Performance Analysis and Load Balancing.
* UNIX security, Problem resolution and management, SMTP mail administration and remote server support.
* Excellent presentation, analytical, documentation and interpersonal communication skills.
* Strong hands-on experience in Disk Management and Volume Management using Logical Volume Manager (LVM).
* Experience with creating VPaths, Volume groups, Logical Volumes and File Systems on AIX servers
* Experience in migration and decommissioning of p-series hardware servers.
* Monitoring AIX Error logs, troubleshooting AIX related problems, Performance monitoring.
* Strong technical knowledge and understanding of client's operating environment.
* **Technical Skills:**
* Operating Systems :IBM AIX (5.3, 6.1, 7.1), RHEL (6.6,7.1), SUN-Solaris (10,11)
* Cluster : PowerHA, Veritas cluster, Redhat Cluster
* Virtualization : VIOs, LPAR, DLPAR, NPIV, PowerVM, VMWare
* Hardware : IBM P5/P6/P7-Series
* Technical Tools :Puppet, BladeLogic,Solarwinds, IEM.
* Ticketing Tool : Service Desk, Service Center, Remedy Ticketing System
* Server Scan : Qualys
* **Education & Certification:**
* Masters in Business Management | Concordia University, WI
* Masters in Computer Applications | Osmania University, Hyderabad, India
* **Professional Experience:**
* **BRSL,Hyderabad India.**

**(April 2019-Present).**

**AIX/Linux System Administrator**

* Responsible for the support of Aix servers and Linux servers
* Participate in installing and configuring of Dynatrace-6.3 on AIX/LINUX servers.
* Installing Red Hat Linux using kick start and applying security polices for hardening the server based on the company policies.
* Built new WebSphere 8 and WebSphere Liberty environments for the application tea ms.
* Deployed Enterprise Applications on WebSphere 8 and WebSphere Liberty through automated scripts.
* Performed Migration of POWER 5, POWER 6 servers to POWER 7 and POWER 8 server hardware.
* Performed OS patches to the latest level of AIX 7.1 from the old version of 6.1 and 5.3.
* Performing capacity analysis, monitoring and controlling disk space usage on systems.
* Monitoring system activities and fine tuning system parameters and configurations to optimize performance and ensuring security of systems.
* Configured Red Hat Kickstart for installing multiple production servers.
* Creating/editing Install/Upgrade scripts to manage rpm’s non-conventionally (selective backup and restore of rpm during upgrade).
* Worked on installation of various versions of Java applications.
* Experience in creating and installing standalon client LPAR and VIO client LPAR using HMC.
* Performed system back from TSM (Tivoli Storage Manager) server.
* Worked on TSM client viewer.
* Worked on TSM for checking Scheduling backup of nodes.
* Worked on taking Incremental backup through TSM Server.
* Worked on missed state and failure issues in TSM.
* Upgraded and upgrading HMC from version 6 to 7.
* Worked on System Firmware upgrade.
* Experiencing in working with IBM Xiv storage.
* Worked on Nim Server.
* Performed patching, backups on multiple environments of Solaris and Linux.
* Troubleshooting and analysis of hardware and software failures for various Linux.
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using Logical Volume Manager (LVM) commands.
* Worked on creating file systems using the Logical Volume Manager.
* Worked on changing file systems like renaming, extending and removing.
* Provided level 3 supports in production environment and resolved production issues escalated by the UNIX production support team.
* Performed system back from TSM (Tivoli Storage Manager) server. and ensured back up is up to date.
* Experience developing and maintaining automated deployment scripts in Linux using **puppet.**
* **Comerica Bank, Auburn Hills, MI**

(Sep 2014 – March2019)

**AIX /LinuxAdministrator**

* Administer and support AIX operating system related issues for **AIX versions 5.1, 5.3, 6.1 and 7.1and 8.0**
* Experience designing, implementing and managing solutions utilizing Red Hat Linux 6 and 7.
* Worked with JBoss 6, WebLogic 12.2.1.1, Tomcat 8.5.8
* Installed, configured, administered and supported WebSphere Application Server 6.1/7.0/8.0/8.5 on AIX, and Linux.
* Administer and support WebSphere Application Server related issues for **WAS versions 4.0, 5.1, 6.1, 7.1 and 8.0**
* Installed and configured various middleware packages such as WebLogic, Tomcat, JBOSS and WebSphere
* Used Jenkins for continuous integration and deployment to provide plug-in support for building, deploying, automating **Cron jobs**
* Worked with Linux packaging tools rpm, yum, dpkg, apt
* Experience with automated system builds and configuration management tools including Red Hat Satellite Server, Client Server Automation
* Managed storage environment which consists of **NetApp Data**
* Migrated the current Linux environment to AWS/RHEL Linux environment and used auto scaling feature.
* Working with GitHub private repositories.
* Perform many critical deployments on Oracle Weblogic, Apache, Oracle database successfully in Production and Pre-Production Environments
* Primary SME for AIX and WebSphere for multiple AIX/Linux applications such as AXS-S1 (TMWeb), DCORR (CLO, RRT, RPM & WDCU), RST, TSM, etc.
* Provide high end UNIX and WebSphere support for multiple other applications such as CBC, CAM, EST, XAT, BPM, INF, applications on shared WAS farms, databases on shared DB2 farms, etc.
* Upgrade **Power HA cluster** software on AIX from **HA 5.5** and lower to **HA 6.1** and configure HA from scratch or do a snapshot migration when required.
* Upgrade WebSphere and IBM HTTP server versions to eliminate Qualys critical and high vulnerabilities.
* Designed and implemented Puppet to configure, install, manage, and deploy releases across all environments.
* Build out server automation with Puppet and used other tools like Jenkins/Maven for deployment and build management system
* Managed and maintained ongoing changes to configuration in Puppet
* Using Puppet : installed RPM packages, Userid creation and delete, editing configuration file and gathering all the system configuration information and start/stop services
* Coordinate and work with Engineering, Storage, Network teams in build of new servers for current applications supported by Admins or to resolve issues with current environments.
* Analyzed server side infrastructure including function calls for memory management, kernel bypass messaging (point-to-point and multicast), trading and market data protocol design/implementation, implementation of search/sorting algorithms, system redundancy design.
* Resolved infrastructure functioning, troubleshooting and performance issues encountered by the trading technology largely through the development and implementation of enhanced sorting and searching algorithms and redesign of the rollout/deployment mechanism
* Work closely with Agile teams to quickly resolve any issues that are a barrier to their development.
* Good understanding of various software development models like Agile, Waterfall, and Spiral.
* Participate in CCV and WOMBAT (CCV and Fullsite) as primary SME for multiple applications.
* Create, modify and validate Infrastructure Recovery Documents for DR applications.
* Monitor and work to resolve/complete incident, request and problem tickets in Service Desk and adhere to SLAs.
* System Integration role in a diverse product deployed in different parts of the world.
* System Architect in creating and deploying blue prints for different deployments.
* Created scripts to implement Oracle upgrade procedures and database changes.
* Creating and managing network routing characteristics for a multipath environment.
* Troubleshooting and analysis of hardware and software failures for various Linux servers (core dump and log file analysis). Managing spfile and pfile for performance tuning.
* Configured secure connection with weblogic and backend database.
* Provide Primary and Backup On-Call support for the team on a rotational basis.
* **EMD MILLIPORE, Bedford, MA**

**(July 2013 –August2014 )**

**AIX /Application and Linux Administrator.**

* Responsible for the support of Aix servers and Linux servers.
* System administration experience in a UNIX production business environment with substantial knowledge of the UNIX operating system
* Hardware knowledge on the different types of components of servers including assembly, defining configurations for upgrades
* Updated Linux servers with **latest patches** SLES11 SP4
* Deployed Enterprise Applications on WebSphere 8 and WebSphere Liberty through automated scripts
* Built new WebSphere 8 and WebSphere Liberty environments for the application teams
* Analyzed **WebSphere Commerce** application logs to troubleshoot performance issues and to boost productivity
* Managed, installed, maintained and renewed SSL Certificates through **Comodo Digital Certificate Authority.**
* Created new database objects like Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in SQL Server.
* Working with SQL database including making enhancements to stored procedures.
* Used Puppet for configuration management**.**
* Experience developing and maintaining automated deployment scripts in Linux using **puppet.**
* Possesses cooperative teaming skills to achieve results that cannot be derived from the system administrator's actions alone and able to collaborate within a cross functional team
* Maintained IBM Power Systems
* Worked with **YAST2 and YUM** to install new packages
* Worked with JBOSS Middleware
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using Logical Volume Manager (LVM) commands.
* Worked on creating file systems using the Logical Volume Manager.
* Worked on changing file systems like renaming, extending and removing.
* Worked on File system/Directory Permissions.
* User and Group Management.
* Worked on performance tuning and performance related issues.
* Worked on OS patches to the Latest as requested.
* Performed functions on licensing related work orders.
* Worked on installation of various versions of Java applications.
* Experience in creating and installing standalon client LPAR and VIO client LPAR using HMC.
* Performed system back from TSM (Tivoli Storage Manager) server.
* Worked on TSM client viewer.
* Worked on TSM for checking Scheduling backup of nodes.
* Worked on taking Incremental backup through TSM Server.
* Worked on missed state and failure issues in TSM.
* Upgraded and upgrading HMC from version 6 to 7.
* Worked on System Firmware upgrade.
* Experiencing in working with IBM Xiv storage.
* Worked on Nim Server.
* AIX systems administration and Disk Management.
* Worked on NAS (Network Attached Storage) and NFS mounting.
* Worked on Solaris boxes for adding user and giving permissions.
* Document installation procedures, changes required in present environment.
* **HUGO BOSS,Midway,GA**

**(January 2013- June 2013)**

**AIX Administrator.**

* Responsible for the support of servers running on AIX 5.3 and 6.1
* Performed OS patches to the Latest as requested.
* Worked on creating NIM master and NIM client.
* Creating lpp source and SPOT for client on NIM server.
* AIX systems administration and Disk Management
* Updated Technology levels and Service Packs.
* Performed system back from TSM (Tivoli Storage Manager) server. and ensured back up is up to date .
* Responsible for Cloning of Root volume group via Alt\_disk\_clone.
* Extensive working experience on LVM. Creating VG, LV and FS.
* Experience in creating and installing standalone VIO client LPAR and VIO client LPAR using HMC
* Upgraded and upgrading HMC from version 6 to 7.
* Worked on System Firmware upgrade.
* Worked on Hardware LED issue.
* Changed Dynamic IP to Static IP using ASM.
* Provided level 3 supports in production environment and resolved production issues escalated by the UNIX production support team
* Worked on performance tuning and performance related issues.
* Handled Troubleshooting technical issues
* Performance and fine-tuning, Applying patches and fixes.
* Written and Maintained Documents up to date.
* **Coca-cola, Refreshments, Atlanta, GA**

**(March 2012- December 2012)**

**AIX Administrator**

* Performed Migration of POWER 5, POWER 6 servers to POWER 7 server hardware.
* Performed OS patches to the latest level of AIX 7.1 from the old version of 6.1 and 5.3
* Worked on NAS (Network Attached Storage) and NFS mounting
* Created volume group and logical volume using Logical Volume Manager
* Worked on creating file systems using the Logical Volume Manager.
* Worked on changing file systems like renaming, extending and removing.
* Worked on growing/expanding of LUNs.
* Changed the file /directory ownership and permissions.
* Worked on disabling FTP on production and development servers.
* Worked on performance tuning and performance related issues.
* Handled work orders on updated crontab, etc/inetd.conf, etc/inittab.
* Worked on rejoin scripts to handle server hanging issues.
* Worked on 'flush' to troubleshoot user administration issues, such as users unable to sudo into server.
* Performed system back from TSM (Tivoli Storage Manager) server.
* Performed functions on licensing related work orders.
* Worked on installation of various versions of Java applications.
* Creation of new Logical Partitions / LPARs and giving input/output to new Lpars with VIO clients.
* Worked on storage migration/upgradation on VIO server clients.
* Provided UNIX infrastructure, operations and support for IBM RS/6000 (7026-M80) servers and pSeries servers running IBM AIX 4.3.3, 5.1, 5.2.
* Performed installation, periodic maintenance updates and applied APAR fixes.
* AIX systems administration and Disk Management.
* Experience in creating and installing standalon client LPAR and VIO client LPAR using HMC.
* Upgraded and upgrading HMC from version 6 to 7.
* Installation and configuration of VIO Server 1.3 and AIX 5.3 on client LPAR’s using p520 and 570 boxes.
* **Exelon Corporation, IL**

**(Oct 2009 – February 2012)**

**UNIX/AIX Administrator**

* Responsible for regular & enhanced Migration of AIX p5, p6 series servers from one data center to another and migrations within the data center which also included using Live Partition Mobility.
* Created and configured standard and Virtual I/O LPARs, managing resources, patching, upgrading, monitoring, performance/tuning and problem determination/resolution
* Responsible for servicing trouble-ticket requests, 3rd-party software installation, and user support, in a homogeneous AIX 5.1/5.2/5.3/6.1 environments.
* Active participation in project planning and deployment
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using Logical Volume Manager (LVM) commands.
* Performed installation, periodic maintenance updates
* Configured backup/archive policies using ADSM utility and mksysb images of root volume group to meet data archiving requirements and disaster recovery readiness.
* Configured rules for systemsecurity, maintenance updates and system failure alerts.
* Created and configured logical partitions (LPAR) on IBM systems using Hardware management console (HMC**)**.
* Performing upgrades applying fixes, patches and APARS to the lpars.
* Rack mounted IBM p630 systems installed and configured AIX 5.3 and applied maintenance levels.
* AIX Migration from AIX 5.1/5.2 to AIX 5.3.
* Responsible for Remote AIX Support With more than 1250 servers.
* Installed racked and configured IBM pseries p4/p5/p6 (p570, p561, p560, p550) for production, staging and test environments.
* Installation and configuration of LPAR’s with AIX 5.3 on p5 servers.
* Responsible for performance monitoring using AIX utilities and nmon, Site view.
* Performed HACMP failover and failback as per the user’s requirement.
* Experience of configuring 4 nodes cluster with multiple RG configuration.
* Extensive working experience on LVM. Creating VG, LV and FS.
* Upgrading and updating TL, APAR and patches on AIX 5.2/5.3.
* Perform User Account management, data backups, and users’ logon support.
* Installation and configuration of NIM master server and clients.
* Creating lpp source and SPOT for client on NIM server.
* Experience of upgrading and updating p550 and p570 systems and devices firmware using HMC.
* Upgrading TSM Client from version 5.2 to 5.5
* Managing various scripts to start up and shutdown databases and SAP systems.
* Installed and configured Sudo for users to access the root privileges.
* Define/setup network protocols, Network File Services (NFS), and Network Information Services (NIS). Provided support by 24x7 shift rotation basis and pager support.