**Keerthi Gadiraju**

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**SUMMARY**

* Over 7 years of IT Industry experience as Systems and Application Server Administrator with Expertise in Middleware technologies (**BEA WebLogic Server 9.X/10.X, Oracle Weblogic 12c, JBoss 7.X, WebSphere Application Server ND, Apache 2.X SunOne**) on platforms such as Red Hat Linux and Sun Solaris
* Experience in Administration, Installation, Configuring, designing, tuning, troubleshooting, and maintenance of **JBoss Application Server**, including versions 4.0.x, 5.1.x, 6.2.x, and 6.4**web-based applications in multi-tiered architecture**, internet/intranet infrastructure as well as clustered environments.
* Working as an administrator of **Weblogic, JBoss and Websphere servers**.
* Background includes experience developing **automation scripts in JAVA**.
* Strong experience in Installation, Configuration, and Maintenance of **ORACLE WebLogic Server**, **JBOSS**, **WebSphere Application Server** on different UNIX platforms and setting up the Development, Testing, Staging and Production environments.
* Experience working with Web servers such as **iPlanet** webserver, **SunOne** webserver and **Apache Server 2.x.**
* Deploying J2EE Application archives (JAR, WAR, EAR and RAR) on **WebLogic Server**.
* Created JMS Server, Connection Factory, Foreign JMS server, Message Bridge, Topic/Queue, Distributed destinations as part of Weblogic JMS Configurations.
* **Deployed applications** on Middleware (**JBoss, Weblogic and WebSphere**) and maintained **Load balancing, High Availability and Fail over functionality**.
* Maintained load balancing, high availability and failover functionality.
* Configured and managed the important subsystems, including web, messaging, logging, and socket group.
* Configured and managed the web container including the **HTTP, HTTPS, and AJP** connectors.
* Performed server performance tuning and thread dump analysis when server crashed unexpectedly.
* Extensively configured and managed secured environments using SSL and digital certificates.
* Created implementation docs for disaster recovery exercises.
* Experience with LDAP functionality in complex clustered environment and setting up **SSL** security for MQ objects.
* Experience **troubleshooting issues such as out of memory, memory leaks**, hung session as well as session replication, federation of nodes and synchronization of nodes with **Network Deployment Manager.**
* Vast experience clustering (both horizontal and vertical), creating as well as maintaining domains, nodes and managed server’s instances in **JBoss.**
* Experience **troubleshooting issues such as out of memory, memory leaks**, hung session as well as session replication, federation of nodes and synchronization of nodes with **Network Deployment Manager.**
* Experienced configuring data sources, **JDBC providers, JNDI**, and connection pooling to connect to databases.
* Experienced in **applying patches** and plug-ins for **Weblogic, JBOSS and WebSphere**.
* Analyzing the Log Files, **Thread Dumps**, JVM Core Dumps, **Heap Dumps**, Exception Stack Traces.
* Strong experience with automation using **WLST, Jython and UNIX** Shell scripts. This involved building several tools for installation, configuration and deployment different web applications.
* Involved in the design and Capacity planning for achieving scalability and High Availability for E-business.
* Gained knowledge of **AWS through training program, AWS (EC2 RDS and S3)** associate administration level.
* Coordinating with network team to configure **ACE Load Balancer** for request distribution to apache web layer.
* Experienced in applying patches and plug-ins for **Weblogic** Application Server.
* Extensive experience in configuring and managing secured environments using **SSL** and **digital** certificates.
* Configured Webserver Plug-ins for both WebLogic and implemented SSO across different domains using **CASiteminder**.
* Involved actively in troubleshooting **the JVM crashes** by analyzing the core dumps, other diagnostic artifacts and worked closely with Sun Engineers to trouble shoot JVM issues
* Monitored **WebLogic** server resources using **Wily Introscope**
* Worked in **Agile** and **Scrum Methodology**in order to meet deadline of Project.
* Detected problems in early development stage and utilized effective troubleshooting skills.
* Experience with 24/7 on-call production support and troubleshooting problems related to web servers, JBoss application server, plug-ins, and database-related issues.

**TECHNICAL EXPERTISE**

**Application Server:** BEA WebLogic 7, 8.1, 9.2MP2 & Oracle Weblogic 11g/12c; IBM Application Server 6.0, Jboss application servers, Tomcat.

**Operating Systems:** Solaris, RedHatLINUX, IBM-AIX, HP-UX, Windows

**Web Server:** Apache 2.x, IBM-HTTP Server, PlanetWebserver, Sun one web server

**Scripting Languages:** WLST, UNIX Shell Scripting, Jython Scripting

**Monitoring Tools:** Wily Introscope, Nagios, BMC Patrol, and Samurai.

**Database:** Oracle 11i, MS SQL Server 7.x/2000.

**Networking & Protocols:** TCP/IP, Telnet, HTTP, HTTPS, FTP, SNMP, LDAP, DNS.

**EDUCATION**

**BACHELOR’S** in Electrical and Electronics Engineering, JNTU, Hyderabad, India **May 2009**

**PROFESSIONAL EXPERIENCE**

**Client: UPS, Alpharetta, GA Oct’ 15 – Till Date**

**Role: Sr. Weblogic/JBOSS Administrator**

**Responsibilities:**

* Extensively worked on administration of **BEA WebLogic 10.0 MP1/Oracle Weblogic 11g/12c** Application Server, **Jboss EAP servers 6.x, Tomcat 7.x.**
* Install, deploy, cluster, performance tune, connection pool set, and domain create from beginning of the project.
* Worked with load balancers team to configure **BIG IP F5 load balancers** and firewall and integrated with IIS web server.
* Created the WESB queues and corresponding JMS queues in **Websphere**
* Integrated the application infrastructure with F5 hardware load balancers and performed validation for failover and load balancing.
* Experienced**in building environments from scratch** starting from getting a plain UNIX machine to installing and configuring infrastructure tools to J2EE application rollout in production.
* Performed multiple and consistent deployments to **WebLogic environments** as part of application rollout and eventually **scripted it to automate deployments.**
* Utilized Remedy Problem & Change management application for management of problem tickets.
* Configured **Web Server plug-ins** for Application Servers WebLogic and WebSphere.
* Configured WebLogic **JMS Configurations** – JMS Server, **Connection Factory**, Foreign **JMS server**, Message Bridge, Topic/Queue, Distributed destinations.
* Configured **WILY Introscope** for monitoring on all the Application wsdl’s and instances on Production and for **understanding of Heap and thread behavior** of applications.
* Assign a predefined role like "Deplorer" to a group in LDAP using role base access control (RBAC).
* Monitoring the logs, fixing the problems and tuning the parameters on WebLogic environment.
* Managed and monitored the JVM performance by WebLogic Heap Size, garbage collection, JDBC Pools and Multi pools.
* Analyzing the log files, **taking thread dumps**, **JVM Dumps** and Exception stack traces.
* Involved in planning and implementing **high availability environments** which included clusters, session replication, multi-pools, distributed destinations and hardware load balancing & failover.
* Analyzing and implementing the resolutions for the technical problems for the Application Servers like memory leak issues.
* Automated middleware layer and database layer infrastructure deployment tasks using Chef
* Automate various aspects of administration tasks such as domain creations, deployments, configuration change to minimize human errors. Use Puppet automation for achieving this.
* Working on bug fixes and installing patches on **Weblogic server 9.2/10.3/12.1, JBOSS.**
* Strong experience with Web servers such as **Sun one web server and Apache Server 2.x.**
* Supported **migration of applications** from Oracle Weblogic 9.2.2 to Weblogic 10.3.5.
* Working with **infrastructure team** to deliver environments for each project release on time.
* Deployed **J2EE** archives **WAR’s, EAR’s**.
* Troubleshooting the issues occurred during the deployment of **J2EE applications** and EJB components.
* Work on Web Security tools- **LDAP Server, SSL Certificates and client authentication**.
* Monitored the **JVM Performance** using **Jconsole** and **BMC Patrol**.
* Involved in **creating SSL certs and renewing certificates.**
* Developed **WLST/JYTHON, ANT** scripts, **UNIX shell** scripts to automate the deployment process.
* Building the systems from OS Level, configuring and customizing it according to the company standards for Solaris 10, Solaris 8 and Red Hat Linux systems.
* Doing all the documentation work for OS level Audit concerns, Backup forms, and open the requests for the changes in OS, i.e., Disk size increases, log size increases, kernal tuning parameters.
* **24 x 7 production support** for Middleware environment.
* Utilize **Remedy Problem & Change management** application for management of problem tickets and production change requests.
* Coordinated with many teams at a time during the production release and critical issues.
* **Worked on the DR (Disaster Recovery)** project in building a DR site for the Middleware environment.

**Environment:** Oracle WebLogic 9.2/10.3.6/12.1.1, Jboss application servers 6.x, Tomcat 7.x., Apache 2.x, SunOne, Chef, Puppet, Linux, Windows (2000, XP,7), HP-UX, EJB, J2EE applications, JDBC, XML, UNIX shell Scripting, Wily Introscope, BMC Patrol, WLST

**Client: AMDOCS, Chesterfield, Missouri Dec’14 - Aug’15**

**Role: Middleware/ Systems Administrator**

**Responsibilities:**

* Extensively worked on administration of **BEA WebLogic 9.2/10.0 MP1/Oracle 11g** Application Server.
* Installed, configured and administered and integrated Apache Web Server to work with the Application Server.
* Working with **infrastructure team** to deliver environments for each project release on time.
* Configured **WebLogic Server resources using WLST** for all web applications in the upgraded environment.
* Created managed servers and configured Clusters for these managed servers.
* Very strong understanding of apache mod\_rewrite rules for redirecting the URL’s in many web based applications.
* Worked closely with network team and SSO - Single Sign On team while shaking down the upgraded Test and Production environments.
* Installing patches to different versions of **WebLogic using SmartUpdate** tool.
* Involved in the project for the **Migration of the DataCenter**.
* Responsible for migrating MDM application from Weblogic 9.2 to JBoss App Server 6.2.
* Deployed multiple IP remediated applications as a part of the migration and tested the new applications successfully.
* Registering the servers from the new DataCenter to the new Policy Server for Authentication of the applications.
* Configured **Node manager** for administration of Managed servers.
* Configured and administered WebLogic services like JMS, JNDI, JMX and JDBC.
* Involved in cluster environment creation and deploying various J2EE applications on the managed servers and implemented Load Balancing, High Availability and Failover.
* Involved in **Load testing of the application** running on Weblogic server using various tools.
* **Thread and Heap analysis using** thread dump tools like **IBM Heap Analyser, samurai** and **TDA** and finding the blocking and locked threads.
* Involved in **creating SSL certs and renewing certificates.**
* Troubleshooting and fixing of problems on Oracle WebLogic Application Server.
* Configuration of JDBC connections and data sources with Oracle database server 10.x.
* Monitoring the error logs, fixing the problems and tuning parameters on WebLogic environment.
* Monitored the **JVM Performance** using **Jconsole** and **BMC Patrol**.
* Written Unix Shell Scripts and scripts for the Auto Deployment process of applications.
* Maintaining code and configuration file in version management tool like ClearCase.
* Created Users, Groups and Roles and assigned users to Groups and Roles.
* Involved in configuring management, software deployment, change management, performance monitoring, and application maintenance.
* Created detailed **Visio diagrams** for all upgraded environments
* Documenting the technotes and design procedures and test plans for the support of the applications in the Environment.
* Log files analysis for troubleshooting to resolve issues.
* Using **Siteminder** for user authentication and authorization.
* Provided Production support (**24/7**) and coordinated with the users to resolve any critical issues

**Environment:** WebLogic 8.1/9.2/10.3, Apache 2.x, IIS, Linux, Windows (2000, XP), EJB, J2EE applications, CA Siteminder, JDBC, XML, UNIX shell Scripting, Wily Introscope, BMC Patrol, WLST.

**Client: CITI Bank, Inc., Kansas City, Kansas Oct ’13 - Nov’14**

**Role: Application Support Engineer**

**Responsibilities:**

* Provided support for different environments including DEV, QA, UAT, staging, and production.
* Needed to respond quickly to any P1-Critical issues and closely worked with UNIX, Network and Database teams if required.
* Performed installation, configuration, tuning and troubleshooting of Weblogic/JBoss/Tomcat application servers on Red Hat Enterprise Linux platform.
* Involved in various activities like deployment of J2EE applications in Weblogic console, creating **clusters**, **managed servers**, **JMS queues**, bridges & connections pools, configuring new Weblogic application domains, taking thread dumps etc.
* Responsible for the verification and deployment of new applications into production as well as handling requests escalated from the business which requires in-depth investigation or updates/changes to the application or its data.
* Made sure that all the production applications running in Weblogic, JBoss and Tomcat were up and running without any issues.
* Monitored heap memory and CPU utilization using Jconsole.
* Was responsible for resolving/updating incident/work order/change request tickets assigned to application support team within SLA.
* Closely working with development team to identify/fix production issues.
* Closely working with change, problem and release management teams.
* Performed weekend maintenance activity for production applications.
* Provided 24/7 on-call support for business-critical production applications on rotation basis.

**Client: Queenz Software Private Limited, India Jul’ 2009 – Sep’13**

**Role: Weblogic Consultant**

**Responsibilities:**

* Experience in Installation, Configuration and Administration of **BEA Weblogic 7.0, 8.1** on different platforms.
* Involved in migrating BEA Weblogic 7 version to 8.1, performing **patch upgrades**, SP (service pack) installations &**SSL certificates renewal**.
* Worked extensively on deployment of new **J2EE applications**, creating clusters, managed servers, JMS queues, bridges &**JDBC connections pools**, configuring new Weblogic application domains in BEA Weblogic server.
* Level 1 application support involving monitoring, managing, code deployment and maintenance of internal Weblogic applications on Unix/Windows Operating systems.
* Created **scripts** for automation at the OS and Weblogic level to minimize repetitive manual tasks for better system monitoring & problem resolution.
* Involved in resolving production issues by working closely with infrastructure team (DBA, Development) when application related or deployment cycle problems are encountered.
* Responsible for recording/documenting information concerning failures & outages in Production and the measures taken to resolve them.
* First Line Application support involving monitoring, managing, **application deployment** and maintenance of internal Weblogic applications on Unix/Windows Operating systems.
* Involved in automating the system by writing scripts at the OS and Weblogic level to minimize repetitive manual tasks for better system monitoring and problem resolution.
* Responsible for recording/documenting information concerning failures & outages in Production and the measures taken to resolve them.
* Interacted proactively with Development & Testing teams during testing and support requirements of application product prior to Production.

**Environment:** BEA Weblogic 7 & 8.1, Sun Solaris 5.8, Shell Script, JDBC, JMS, Servlets, JSP, EJB, HP Unix & Windows 2000/NT and Oracle 9i.