**Aravind Reddy**

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Summary

* 7 years of IT experience in Application servers administration like WebLogic,SOA suite, Jboss and Tomcat on UNIX, Red Hat LINUX, SUN Solaris and Windows environments.
* Experience in handling all the aspects of Installation, Configuration, Troubleshooting, Load Balancing, Clustering, Deploying Applications, Performance Tuning and Maintenance of WebLogic Server versions 8.x/9.x/10.xas well as in other web/app servers like Apache and Tomcat servers on different platforms like Unix, Red Hat Linux, and windows starting from Development to Production mode.
* BAM process monitoring for business process activities.
* Experience in Installation and Administration of clustered H/A middleware environments.
* Excellent working knowledge in configuring multiple WebLogic domains including machines, manage servers and Cluster environments, and Created repositories using RCU (Repository Creation Utility).
* Develop and maintain configuration manuals, procedure manuals and standards for JBoss application servers.
* Well versed with Deployment, Migration, Patching and Maintenance of middleware applications.
* Managing, Configuring and monitoring BPEL, Mediator, Human workflow, Business Rules and BAM Component instances and Faults.
* Proficient in Oracle Fusion Middleware SOA Administration, Java, Oracle Database 10g.
* Worked with different bug tracking tools like JIRA, Clear Quest, Mantis and Bugzilla.
* JDBC Connection pool and Multipool configuration with oracle, MySQL, DB2 and SQL Server, etc.
* Configure a new domain, manage server logs, monitoring server activities, configuration of server properties.
* Proven skills in troubleshooting, Code deployments/promotions, performance monitoring and performance tuning of WebLogic server and Jboss App Server.
* Working knowledge of JMS using IBM MQ Series.
* Integrated JIRA with SVN and created automated release Notes using Perl Scripts.
* Maintained and upgraded all existing applications for Sun Identity Manager
* Configured and administered JDBC Connection pools/Data sources, JMS Connection Factories and other JMS artifacts like JMS Servers, Distributed Queues.
* JDBC Connection pool and Multipool configuration with oracle, MySQL, DB2 and SQL Server, etc.
* Well versed with installing and configuring WebLogic Servers in a Cluster environment to provide High Availability, Load balancing, Session replication, Multi-pools, JDBC Connection Pools, Disaster Recovery, scalability and Fail over support.
* Web servers - Apache, Tomcat, MS IIS and iPlanet configured with standalone Managed Servers and Clusters of managed servers.
* BMC Service Request Management allows IT to define offered services, publish those services in a Service Catalog, and automate the fulfilment of those services for their end-user base.
* Expertise in administration, Installation and configuration of Apache HTTP 2.0/2.2 Web Server, Microsoft IIS Web Server and Sun Java System Web Server (iPlanet 6.1).
* Conducted research to develop practices and security policies for identity management.
* Cluster Configuration – Single Cluster, Multiple Clusters and Deployment over clusters.
* Provided 24x7 on call support in production environment on rotation basis.
* EAR, WAR, JAR Deployment – Stage, No-Stage, External Stage mode – Archive and Exploded Directory format.
* Supported MQ queue managers and objects running client operating systems.
* Implemented access request forms/workflows.
* Supported WebLogic installations and administered Access management product suite.
* Implemented Federation, Access Management and provisioning strategies.
* Extensive knowledge and experience in and command over skills such asCOBOL,JCL,VSAM.
* Extensively used WLST, Python Script for configure various Web Logic Components / Services.
* Extensive working experience on UNIX, Linux and Windows platforms, and shell scripting.
* Good at Server Performance Tuning - Thread Dump Analysis, Core Dump Analysis when Server crashed unevenly.

Education:

* **Bachelors in Computer science & Engineering from JNT University- AP, India.**

Technical Skills

Programming Languages : C, C++, JAVA, J2EE, .NET, SQL, PL/SQL, HTML, UML

Operating Systems : Solaris, Red Hat LINUX, Windows 98/2000/NT/XP/VISTA.

Middleware : BEA WebLogic Application Server 8.x./9.x/10.x,

OSB 10g,Jboss 4.2.3/4.3.0,WebSphere, IIS, OHS,Apache-HTTP Server

J2EE Technologies : Servlets, JSP, JDBC, JMS, JTA, JNDI, JMX, EJB components,

AWT.

Web Technologies : JDK 1.4/1.5/1.6 HTML, XML.

Scripting Languages : UNIX Shell Scripting (Bourne, Korn, grep and Bash), Perl Scripting.

Packages : JSDK 2.0, J2EE, Clear case, Clear Quest.

Monitoring and Testing Tools : Wily Introscope, HP Sitescope, Puppet, Jenkins, OEM 11g.

IDE’s/Utilities : Eclipse, Putty.

Database : Oracle 9i/10g/11g, MS SQL Server, DB2.

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

DHCP, SSL, Git-Hub.

Other Tools : MS Office, TOAD.

Proffesianal Experiance

**Paychex, Inc., Webster, NY April' 2016 to till Date**

**Role: JBoss/Middleware Admin**

**Responsibilities**:

* Installed, configured and administered Weblogic9.x/10.x/11.x/12cin various environments like Development, QA and Production on Solaris 9 and Windows server 2003 operating system.
* Expertise in configuring a domain, deploying applications, configuring data sources, logging and web subsystems in Jboss 5 and EAP 6.2 in different environments like Development, QA, UAT and Production on Linux (RHEL 5) and Solaris 9 operating systems.
* Performed Installation of JBOSS JON 2.4, monitoring server that will monitor the JBOSS instances, operating system parameters running on different Operating systems.
* Created groups, users, roles and configured alerts in JON 2.4 (JBOSS Operations Network) monitoring server.
* Responsible for Creating and Managing a SOA Domain, Enterprise Manager to deploy/configure/maintain SOA Composites.
* Installed SJSAS9.1(Sun Java System Application Server) and created/configured domains in Development, Perf, Test and Production environments on SunOS 5.1.0.
* Configured connection pools and Data sources for WebLogic 9.2/10.3, JBOSS 4.2/5.0.1/5.1.0, and SJSAS 9.1 application servers with backend oracle 9i/10g/11g RAC DB's.
* Deployed JAR, WAR & EAR files in WebLogic 11g/12c, JBOSS 4.2/5.0.1/5.1.0/6.2/6.4and SJSAS 9.1 application servers hosting clustered environments.
* Performed WAR, EAR &JAR files deployment in WebLogic 11g/12c and SJSAS 9.1 through admin-console.
* Worked in a production and development environment supporting mission control applications.
* Developed scripts to monitor JVM Heap Size, JMS Messages in the Destination queues in the production environment.
* Dealt with troubleshooting issues like Server hang, keep alive threads, HTTP threads, Application Deadlock, Perm Gen space, Out of Memory Issue, High memory usage and High CPU.
* Involved in migration of WebLogic 8.1.5 to WebLogic 9.2 MP3 and JDK 1.4 to JDK 1.6.
* Configured JDBC and JMS Queues in WebLogic 9.2/10.3/11g/12c, JBOSS 4.2/5.0.1 EAP.
* Provided Development team with thread dumps and heap dumps using jstack and jhat, JDK tools.
* Administer Application Servers (JBOSS, ATG Dynamo) on Solaris 10 and Linux 5 operating systems.
* Convert CRON and manual processes to the Autosys system.
* Installed JBOSS web server 1.x and configured with JBOSS EAP 5.0 for load balancing.
* Created SSL certificates for JBOSS 6.x/5.x/4. x.
* Automated WAR deployment procedure in production environment running on JBOSS EAP 5.x using UNIX shell script.
* Configured Active MQ 5.0 to use JMS Queues in environment hosting SJSAS 9.1 application server.
* Worked with networking team during load tests and suggested changes on BIG IP F5 LOAD BALANCER such as enabling Snat-pool, 1-connect profile etc.
* Assisted in several Load tests and gave suggestions at OS level tuning, also configured WebLogic and JBOSS Application servers to produce the best results.
* Installed Apache 2.0, and configured plug-in for clusters running on WebLogic 9.x/10.x.
* Configured LDAP using Netscape directory Server for user authentication.
* Managed infrastructure automations using Opscode Chef and Cucumber.
* Created Remedy Tickets for Change/Release management using Remedy Client and Remedy.
* Created Cron-jobs for timely running of scripts.
* Being a part of production team provided 24x7 supports for all the environments.
* Provided 24/7 basis on call support for production.

**Environments**: Oracle WebLogic Server/portal 6.1/8.1.5/9.2 MP3/10.3, Oracle Fusion 11g, JBOSS4.2/5.0.1/5.1.0/6.2 EAP, Apache Tomcat 5.0, ATG Dynamo, SJSAS 9.1,Git-Hub, Solaris 8/9/10, Windows 2003 server, Linux RHEL 5, JRocket/JDK.

**Bank of the west, San Roman, California Jan’ 2015 to Mar' 2016**

**Role: Jboss/Middleware Admin**

**Responsibilities**:

* Proficient in deployment and troubleshooting of JAR, WAR, and EAR files in domain and clustered environments of WebLogic Server and Jboss Application server.
* As part of Devops team we handle& maintain data centers of our client for more number physical servers & virtual hosts for continuous high availability of infrastructure.
* Primarily responsible for designing and implementing the application process flow with BPEL.
* Configuring and Administering JDBC, JMS, JNDI in Jboss Server.
* Configured message queue(MQ)
* Maintain programs to monitor and report MQ health and recommend improvements.
* Installed, configured and managed apache webserver.
* Designing and developing the adapter to connect to BMC Identity Management Suite to perform the identity related services
* Configured global security in WebLogic using LDAP authentication
* Installed and configured WebLogic 8.x/9.x/10.x plug-ins on Apache 2.x
* Installed and administrated SOA suite and installed, configured, administer and monitor BPEL, ESB.
* Created and Configured Data Sources for database connectivity and JMS resources.
* Used ANT to build the application.
* Experience with Jboss Integration administrator and configuration using application integration platforms.
* Used GREP commands and FIND commands.
* Converted the existing legacy MQ listeners from Java to Inbound ESB listeners for high throughput and transactional integrity.
* Configured coherence servers through console
* Worked as Administration, maintenance, support and scaling of Application Servers.
* Performance tuning at WebLogic domain level and OS level, performance tuned JVM heap, threads, and JDBC and JMS subsystems.
* Deployed applications (WAR, JAR and EAR) using WLST Service Provisioning System.
* Configuring Clusters on Jboss using the Jboss Console
* Expertise in J2EE technologies like JDBC, RMI, JMS, JNDI and JTA
* Building Artifacts and deploying Artifacts
* Developed ANT build scripts, UNIX shell scripts and auto deployment process
* Use Electric Cloud for automate deployments
* Created Java Key Store (JKS) and Jar Configuration to enable SSL functionality and Configured connectivity with SSL Certificates for web servers and App servers for applications in all environments.
* Strong knowledge and working experience on Optimization and performance tuning techniques.
* Configured and created JMS queues & topics, Connection Factories, Data sources, bridges & connections pools & multi connection pool.
* Using Grep Commands to clean the data files.
* **Experience in deploying and debugging applications on Base and ND.**
* **Installed, configured and administered Apache Http Server, Tomcat server and deployed applications on it.**

**Environment**: WebLogic Server 8.1/9.1/10.x,Apache Sun 1 web server, Tomcat, WebLogic portal, JDK1.5, J2EE, JSP,Git-Hub, Servlets, Jboss, EJB, JDBC, XML, JIRA, Oracle9i,ESB, Oracle10g, Oracle 11g, Ant1.5.1, Linux, FTP.

**COX Communications,Richmond, VA May 2013 to Dec'2014**

**Role: WebLogic/Tomcat Administrator**

**Responsibilities**

* Configured database connectivity using JDBC and Connectionpools. Oracle Application server 9i/10g was used in the backend.
* Automated and scheduled backups on all UNIX Machines using shell scripts.
* Performance tuning was done with respect to system, connection pools. Execute threads and JVM heap size.
* Develop domain monitoring java class using JMX to collect JDBC, JVM, and Execute Queue statistics for Managed Servers.
* Document and establish standard processes to ensure repeatability for J2EE administrators.
* Troubleshoot environment and application issues using BEA WLS support patterns as the standard methodology and provide root cause summary to application stakeholders.
* Provided Migration configuration for transactions, security, services, JMS servers and services while transitioning from development to production environment.
* Installed Oracle 8i/9i/10g client software on the application server and configuring the connectivity using JDBC drivers for the database.
* Deployment and Troubleshooting of JAR, WAR and EAR applications in clustered environment with WebLogic.
* Migrated Tomcat 7.0.47 to Tomcat 7.0.55. Created catalina\_home and Catalina base.
* Created Tomcat instances and modified each and removed shared component.
* Installed APR, OpenSSL, Tomcat-native, Oracle JDK, Oracle JRE, Tomcat connector Mod\_jk, APR Utility.
* Installed and Configured LDAP server.
* Created Tomcat and Apache user groups.
* Implemented Load balancing of web applications by configuring WebLogic proxy plug-in.
* Performance tuning by managing and monitoring the JVM performance by WebLogic Heap size, garbage collection, execute threads, EJB Cache size, JDBC pools and multi pools.
* Actively involved in upgrading to various new Service packs regarding WebLogic, Sun ONE, iPlanet, Apache/Tomcat.
* Expertise in writing WLST scripts using Jython/Python for starting, stopping servers, Node managers and deploying applications.
* Performed extensive trouble shooting experience including stack trace analysis and JVM tuning experience by changing to heap sizes according to the requirement.
* Wrote scripts (start, stop & ping) for web application server administration.
* Configured and monitored JNDI, security realms. Configured Apache web server and WebLogic plug-in.
* Configured SSL Certificates for WebLogic and Apache servers.
* Worked on securing Web Applications. Applied patches service packs for security, performance, bugs etc.
* Experienced in working with AquaLogic Integrator (ALINT) which is a combination of WLI (WebLogic Integration) and ALSB (AquaLogic Service Bus)
* Worked with IDM and Oracle security Middleware teams in troubleshooting issues in dev, test, stage and production environments.
* Monitored free space, disk usage, locating files, checking & clearing log files, administration & monitoring of file systems, network & virtual memory statistics.

**Environment**: WebLogic Server 8.1/9.2/10.2,Jenkins, SUN Solaris 8.0/10.0, Linux, Oracle 9i/8i, JDK 1.4/1.5,1.6, Servlets, EJB 2.0, Apache.

**InfoTech, Hyderabad, India. Sept’ 2010 to April’ 2013**

**Role: Web Logic Server Administrator**

**Responsibilities**

* Performed WebLogic Server administration tasks such as installation, configuration, monitoring and performance tuning.
* Involved in WebLogic 8.1 to WebLogic 9.0 upgrade, JVM upgrade, JDK upgrade.
* Installed and configured Apache HTTP server 2.0 to work with WebLogic Server 8.1/9.0.
* Created bash and ksh scripts to monitor domains, recycle clusters, monitor disk space, monitor number of Apache connections, and ran them as cron jobs.
* Configured custom execute queue in WebLogic 8.1.
* Deployment and troubleshooting of JAR, WAR, and EAR files in clustered environment.
* Configured and administered JDBCConnection Pools/Multi Pools/Data Sources on WebLogic Server 8.1/9.0.
* Troubleshooting WebLogic Application Server connection pools and connection manager with Oracle 9i.
* Monitoring error logs, fixing problems and tuning parameters on WebLogic environment.
* Configured and setup Secure Sockets Layers (SSL) for data encryption and client authentication.
* Set up WebLogic domain with a single server instance for developers on their windows machines
* Configured and deployed applications in various work environments like Development, Test, Certification and Production.
* Developed scripts to monitor JDBC Connection Pool Status, JVM Heap Size, and JMS Messages in the Destination queues in the production environment.
* Provided active support for Load/Stress Testing, troubleshooting and performance tuning.
* Provided 24/7 on-call production support.

**Environment**: BEA WebLogic Server 8.1 SP4, Apache HTTP Server, Sun and 9, Windows 2000/NT, Oracle9.x.