Sathish Mandhadapu

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**SUMMARY:**

* Expertise in Installation, Configuration, Trouble-Shooting and Maintenance of **BEA WebLogic Server 7.0/8.1/9.x/10.x/11x/12c, iplanet Web Server, Apache Web Server, Jboss** on different UNIX flavors and environments.
* Worked extensively on **WebLogic Portal server 8.1/9.2/10.0/10.3/ 12c** and **Oracle Fusion 11g**
* Experience in Maintaining **BEA WebLogic Server** on different **UNIX** platforms andsetting up the **Development, Testing , Staging and Production environments**.
* Experience in Installing, Configuring and administering **JBOSS 4/5/6**.
* Installed, Configured and Administered **Jboss Application Server 6/5.0/4.x on AIX, RHEL, WINDOWS.**
* Installed, Migrated and configured **IBM WebSphere MQ Series on AIX, Linux and Windows.**
* Involved in support of applications running on **IBM BPM Version 8.0,8.5 And IBM Message Broker.**
* Strong knowledge in Clustering **EJB objects, JDBC connections and JMS connection factories, queues and topics**
* Experience in configuring **Node Manager** to start and stop managed servers from admin console.
* Experience in both Clustered and non-Clustered environments.
* Horizontal and Vertical scaling for **JBOSS and IBM Websphere v7.x / v6.1 / v5.1**
* Extensive experience in finding the Memory Leaks and tuning the **JVM Heap Size by configuring Eclipse Memory Analyzer to detect memory leaks.**
* Involved in doing a performance benchmark of **WebLogic server by using Load Runner.**
* Knowledge in applying the patches to the **WebLogic servers**.
* Excellent working knowledge of Operation & Production Support with large mission critical systems in multiple technologies and platforms including **WebLogic, Apache Tomcat, JBoss, WebSphere and UNIX.**
* Excellent application development and interfacing experience with **LDAP** using **Sun ONE directory Servers.**
* Created cron jobs for scheduled batch jobs.
* Configured and setup **Secure Sockets Layers (SSL)** for data encryption and client authentication.
* **Log files**analysis for troubleshooting to resolve issues using scripts.
* Played a key role as a team member in **JBOSS & Weblogic Architecture**.
* Experience with supporting development team **debugging and failure** handling.
* Experience in **CoreDumps**, **Thread dump, Memory leak** and Verbosegc analysis.
* Used **ANT, JMX** to retrieve domain configuration and runtime information and also control and mange server lifecycle
* Provided quality analysis during pre-production using testing tools like Load Runner
* Involved in Data Center Moves strategy and planning
* Experience in 24x7 on-call production support and trouble-shooting problems related to BEA
* Experience in designing distributed systems using **J2EE Technologies for various services and integrated with IBM HTTP Server, BEA WebLogic Application Server, WebLogic Portal Server.**
* Very good knowledge on **Windows and UNIX Administration**.

**Technical Skills and Environments:**

**Programming Language: C, C++, JAVA/J2EE, and SQL.**

**Operating Systems: Windows 98/2000/XP/VISTA, Solaris, Red Hat Linux**

**Middleware BEA Weblogic Application Server 8.x/9.x/10.x, Jboss 4.x/5.x/6.x/7.1,**

**Apache Webserver 2.x, Apache Tomcat 5.x/6.x**

**J2EE Technologies: Servlets, JSP, JDBC, JMS, JTA, JNDI, JMX, Applets and swing**

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

**Scripting Languages: UNIX Shell Scripting (Bourne, Korn, C and Bash), Python, Java Script**

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

**Testing Tools: Wily Introscope.**

**DE’s/Utilities: Eclipse, Putty.**

**Database: Oracle 8i/9i/10g, MS SQL Server, DB2.**

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

**Professional Experience:**

**Price Waterhouse Coopers, Tampa, FL Nov- 2015 to Present**

**Role: Middleware/Jboss Administrator**

**Responsibilities:**

* Installed, configured and administered **Weblogic 9.x/10.x/11.x/12c** in 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.
* Installed **SJSAS 9.1(Sun Java System Application Server) and created/configured domains in Development, Perf, Test and Production environments on SunOS 5.1.0.**
* Deployed the EAR, JAR, WAR applications on multiple WebSphere and JBoss instances**.**
* Configured connection pools and Datasources 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, Web Methods.**
* Deployed **JAR, WAR & EAR files in Weblogic 11g/12c, JBOSS 4.2/5.0.1/5.1.0/6.2/6.4 and 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 on IBM Websphere MQ File Transfer Edition, to manage and securely transfer files between systems.
* 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.
* Performed up-gradation of **JBOSS 4.2 GA to JBOSS 4.2 EAP, Red hat release and configured JDBC, log4j, JMS and JDK.**
* 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**.
* Hands On in monitoring physical hosts, application servers and web servers through **BMC Patrol and HP Sitescope monitoring systems.**
* 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.

**Environment:** Oracle Weblogic Server/portal 6.1/8.1.5/9.2 MP3/10.3, Websphere, Oracle Fusion 11g, JBOSS 4.2/5.0.1/5.1.0/6.2 EAP, Apache Tomcat 5.0, ATG Dynamo, SJSAS 9.1, Solaris 8/9/10, Windows 2003 server, Linux RHEL 5, JRocket/JDK, Remedy Ticket tool.

**Prescription Solutions, Cost Mesa, CA Jan 2014 to Oct 2015**

**JBOSS/WebLogic Administrator**

**Responsibilities:**

* Involved in **migration** of Weblogic server from **Weblogic 8.1 to Weblogic 10.3.**
* Installation, Administration and Configuration of **WebLogicApplication Server8.1/10.x with backend like DB2, Oracle 10g RAC, Sybase Gateway, IBM MQ, Web Methods** and other local system.
* Installation and configuration of **Apache and Sun ONE (iPlanet) Web Server including SSL configuration and proxy plug-in for application server.**
* Monitoring and Managing the **JVM** performance by **JBoss Heap size, garbage collection, JDBC Pools and taking Thread dumps, pstack and prstat** and analyzing to find the problems in application.
* Install and configure Websphere MQ and Message Broker enterprise wide for data transformation and routing on mainframe and midranges.
* **Ant/WLST/Python script** to stop/start weblogic servers/cluster, deployment of code.
* Manually performed J2EE application deployment using weblogic console and administration including **JAR, WAR, and EAR files in Jboss 6.2 EAP**
* Web services in Weblogic server for remote application access of **SOAP** calls to other application in different domain.
* Developed and maintained UNIX shell scripts that monitors and zip the log files for **BEA WebLogic 8.1/10.x.**
* Monitoring the error logs, server logs and fixing the problems and Performance tuning of **JBoss servers.**
* Created **Cronjob** with **UNIX shell scripts** for Monitoring of various Weblogic attributes for Production Servers which helps to send Alert through emails as well as to Pagers.
* Co-ordinating with network team to configure **Cisco Load Balancer** for request distribution to apache web layer.
* Creating **shell scripts** to automate the installation procedures for **JBoss servers**.
* Involved in Performance Testing and tuning of WebLogic server with respect to heap, executequeue, Work Manager and load management in a cluster, threads and connection pools and also solving issues with applications during the Performance test.
* Involved in partial setup of **Wily Introscope 7.2/8.0, installing Wily Agent** on weblogic servers and creating dashboard for monitoring CPU usage and Weblogic statistic.
* Had to co-ordinate with Weblogic Portal team for the frontend application portal setup. Trouble shooting any issue with Portal team and make sure applications are launching properly from the portal page.
* Installed and configured **BEA Guardian 1.0 on Windows Server 2003** to trouble shoot issue with Weblogic Domain configurations.
* Make myself available to application architect to provide **Weblogic** infrastructure support and creating Weblogic Portal as frontend and other application installed on Weblogic Server as backend calls.
* Was involved in Migration for connection pool drivers for **DB2** from Type-2 to Type-4.
* Was involved with upgrading Sybase connection pool driver from version 2 to version 3.
* Co-ordinating with Autosys group to help them to prepare .jil files which can be used for automatic controlling of Weblogic Production domains.
* Working with infrastructure team to deliver environments for each project release on time.
* Alfresco content management system for virtualizing Webapps and static sites via Apache Tomcat
* Involved in Disaster Recovery events testing and making sure Disaster Recovery environment is well available in case Production environment has any issues.
* Comfortable with **IBM MQ 6.0** use in **Weblogic 8.1/10.3** as foreign **JMS** configuration.
* Involved in connectivity setup for applications between Weblogic and Web sphere server.
* Maintaining code and configuration file in version management tool like Clear Case.**Migrating** the application from **Web Sphere to Jboss**
* Deployed applications from Admin Console of **Jboss Eap 6.2** as well as done the hot deployment
* Converted **data sources** from **weblogic to Jboss**
* Enhanced the performance **of SOA** methodologies and frameworks in collaboration with development team
* Developed multi-service integrations and provided support to application integration. Contributed in software development lifecycle in adherence with SOA concepts and techniques.
* Involved in trouble shooting production issues and opening case/ticket with Oracle/BEA for any critical issue.
* Used ADF applications and administered Web Center programs
* Involved in creating SSL certs and renewing certificates for node manager and **MQ**.
* Preparing documents for Production implementation for all Project releases.
* Available as on call for Production support.
* Was involved in migration of **IBM WPS version 7.0 to IBM BPM 8.5** .

**Environment:** Oracle Weblogic Server/portal 6.1/8.1.5/9.2/10.3, Oracle Fusion 11g,Jboss4.2/5.0.1/5.1.0EAP, SJSAS 9.1, Solaris 8/9/10, Windows 2003 server, Websphere, Linux RHEL 5, Jrockit/JDK 1.4/1.5/1.6, Jboss 6.2, Apache 2.0 HTTP, Apache Active MQ 5.0, Oracle Http Server, Oracle 9i/10g/11g RAC, LDAP, OEM (Oracle Enterprise Manager), HP OVO, Remedy Ticketing system 6.1, Remedy Client (Change/Release management), CMS (Content Management),F5 load Balancer, JON 2.4, IBM Message Broker, IBM BPM, ,FDA, SOA suite 10g.

**General Dynamics IT, Fairfax, VA June 2012 to Dec 2013**

**JBOSS/WebLogic Administrator**

**Responsibilities:**

* Performed **WebLogic Server 10g and 11g** server administration tasks such as **Installation, Configuration, Monitoring and Performance Tuning.**
* Installed and configured **Apache 2.0/2.2 webservers** in Dev, Pre Prod, Production environments and proxies the same with Weblogic application server using plug-ins.
* Installed and configured the high availability setup for Fusion Middleware. This includes setting up Oracle Weblogic Servers in a cluster and **Apache WebServers** to point to them and configuring the web servers with a load balancer.
* Deployed various **WAR, JAR and EAR** applications in Production and non-production Environments on WebLogic.
* Configured and administered **JDBC Connection Pools/Multi Pools/Data Sources** on WebLogic Server.
* Troubleshooting WebLogic Application Server connection pool issues with Oracle DB as backend.
* Created, configured and managed **JMS servers, Connection Factories, destinations and Persistence Stores**
* Administered performance tuning capabilities in solving environmental/configuration issues that customers have in **web server plug-ins, Cluster setups, JMS foreign server configurations, Connection Pools setup** etc., these involve third party products’ interaction with the Weblogic Server.
* Built **Ant** based deployment scripts for automated deployments on weblogic servers.
* Developed Startup, Shutdown and bounce the Weblogic server scripts.
* Scheduled CronTab scripts for timely running jobs and provide server status.
* Maintained Load balancing, high availability and Failover functionalities.
* Configured and setup **Secure Sockets Layers (SSL)** for data encryption and client authentication.
* Involved with the developers in trouble shooting and fixing day-to-day problems of the applications in Production on **24/7** schedule.

**Environment:** Oracle BEAWeblogic Server/portal 8.1/9.2/10.3.2, Apache Tomcat 6.0, Solaris 8/10, Windows 2003 server, Linux RHEL 5.1, JBoss 4.2/5.0, IBM Websphere 5.0, IBM MQ series, Jrockit IT/JDK 1.6, JDBC, JMS, J2EE, EJB, Lotus Notes, IPlanet/Sun one, Apache HTTP, OC4J, Microsoft IIS, IBMIHS, Oracle 9i/10g/11g, Netegrity Site-Minder, LDAP, WLST andF5 load Balancer

**KEY Bank, Cleveland, OH Oct - 2010 to May-2012**

**Middleware/Weblogic Engineer & Production Support**

**Responsibilities:**

* Performed **Weblogic server 8.1.6/9.2/10.3** tasks such as installation, configuration, monitoring and performance tuning on **Sun Solaris 8/10, Windows and Linux RHEL 4/5 platforms**.
* Installed and Configured Apache Tomcat 6.0 application servers on various environments like Dev, Test, Perf and Production.
* Installed and configured **JBOSS 4.2/5.0** on different environments like Dev, Test, QA and Production.
* Created and managed **Weblogic Domains** and **Node Manager** using **config wizard and WLST.**
* **Administered EJB Objects, setting up Jrockit IT/JDK, JNDI, JMS connection factories Queues and** topics and **IBM MQ** series on Weblogic Server.
* Configured JDBC Connection Pools/Multi Pools/Data Sources with backend databases: **Oracle 9i/10g.**
* Deployment and troubleshooting of **JAR, WAR, and EAR** files on both stand alone and clustered environment in **JBOSS 4.2/5.0, Weblogic 8.x/9.x/10.x and Apache tomcat 6.0**.
* Monitoring error logs, JVM heap size & Perm size, stuck Threads and tuning parameters using WLDF for optimization of Weblogic Server.
* Dealt with issues like **ApplicationDeadlock**, **High CPU, Server Hang-up** and **profiling** the memory with third party tools like **Jprob**e, **HP OVO** and **Optimize IT**.
* Installed and Configured **Wily Introscope 6.x/7.x** for different domains and established alerts and reports that complete application monitoring dashboard.
* Configured and setup **Secure Sockets Layers (SSL)** for data encryption and client authentication.
* Configured **BIG IP F5 Load Balancer** for load sharing.
* Worked closely with network team and SSO - Single Sign On team while shaking down the upgraded Test and Production environments.
* Experience in implementing LDAP, OID security models using **Netscape server.**
* Worked on Configuring channel secure **SiteMinder with WebServers and Weblogic Applications**.
* Involved in doing a performance benchmark of Weblogic server by using Load Runner.
* Involved in **Weblogic 8.x/9.x/10.x** patches and service packs upgrade.
* Installed and configured **Apache HTTP server 2.0, Sun One/Iplanet, Microsoft IIS 6 & IB**MIHS web server and configured **proxy plug-ins** for **Weblogic Server 9.2/10.3.**
* **Involved in up-gradation of Weblogic 8.1 to Weblogic 10.3 and migration** of **JBOSS 4.2 to Weblogic 10.3.**
* Worked with Business activity monitoring (BAM), Oracle Business Process Management, and Oracle Security and Oracle Web Center Integration, installation/configuration.
* Used **WLST, ANT and Jython** for automatic deployment of applications.
* Created bash **and korn shell** scripts to monitor domains, recycle clusters, monitor disk space, monitor number of Apache connections, and ran them as **cronjobs.**
* Documented the issues, migration and upgraded patches for Weblogic servers and web servers.
* Providing 24/7 support to Production and Non production environments.

**Environment:-** Oracle BEA Weblogic Server/portal 8.1/9.2/10.3.2, Apache Tomcat 6.0, Solaris 8/10, Windows 2003 server, Linux RHEL 5.1, JBOSS 4.2/5.0, IBM Websphere 5.0, IBM MQ series, Cruise Control, Jrockit IT/JDK 1.6, JDBC, JMS, J2EE, EJB, Lotus Notes, IPlanet/Sun one, Apache HTTP, OC4J, Microsoft IIS, IBMIHS, Oracle 9i/10g/11g, Netegrity Site-Minder, LDAP, WLST, Perl, ANT, Jprobe, HP OVO, CMS (Content Management),F5 load Balancer.

**Vision Labs India Ltd, India Aug 2009 to Sep 2010**

**WebLogic Application Administrator**

**Responsibilities:**

* Supported on call schedule for Production Support.
* Deployed the applications like formats of **WAR, JAR, and EAR in WebLogic 8.1**.
* Configuring and Administering **JDBC, JMS, JNDI** in WebLogic Server 8.1.
* Install, configure and administer **BEA WebLogic Server 8.1** in various environments.
* Install and configure **Apache WebServer** in various environments.
* Configure and administered of WebLogic server with **Oracle9i database**.
* Deployed the applications on multiple **WebLogic Servers** and maintained Load balancing,
* High availability and Failover functionalities.
* Configure Clustering **EJB objects, JDBC** connections and **JMS** connection factories.
* Configuration and administration of Connection pools for JDBC connections.
* Used configuration wizard and configuration builder extensively to create and manage WebLogic domains.
* Involved in doing a performance benchmark of WebLogic server by using**Load Runner.**
* Configured and deployed applications in various work environments like Development, System Test and Production.
* Developed **ANT build scripts, UNIX shell scripts and auto deployment** process.

**Environment:**Oracle Weblogic Server 8.1 SP4, JDK 1.4/1.5, J2EE, JSPs, JMS, Perl 5.0, EJBs 3.0., Red Hat Linux 4.0, Tomcat 5.5, JBoss 4.0