

SENIOR APPLICATION ADMINISTRATOR & SOLUTIONS ARCHITECT

Professional Summary

A position in the IT industry where my Expertise in application/infrastructure architecture, administration, design, installation and development is valued 13 plus years of professional experience as Architect, System Administrator, Programmer, WebSphere Portal Administrator, WAS Administrator, JBoss Administrator, Build/Release Engineer with Java stack using J2EE technologies including IBM WebSphere Portal, WebSphere Application Server (WAS), IBM InfoSphere, WebSphere Process server, WebSphere Message Broker, MQ, WebSphere Commerce server, JBoss EAP, JBoss Enterprise BRMS / Drools, IBM RTC, JSON, Spring, Servlets, Hibernate, JSP, JSF, CSS, JavaScript, XML, XSLT, XMLAccess script, XML Messaging, Foglight Highly skilled in administering and managing content in IBM Lotus Web Content Management (WCM) 6.0, 6.1.0.3, 7.x, 8.x in Solaris and Linux Extensive experience as Lead in Architecture, Administration, Installation, Upgrading and Configuration of horizontal clustered environment (Multi-Node Cluster and Load Balancing) Deployment of enterprise applications, roll-out of security patches, in environments of WebSphere Portal Server, WebSphere Application Server (WAS), ND, IHS (IBM Http Server), JBoss EAP, JBoss BRMS, Apache, JON, MS CRM Dynamics 10 years of significant experience as Lead Release/Configuration Engineer and accomplished Deployment of several application code releases in production Highly potential in application/infrastructure Configuration and Administration of IBM Portal Server, IBM Web Content Management, WebSphere Application Server (WAS), WebSphere Process Server, ADAM, IBM Tivoli Directory Server, IBM HTTP Server and WebSphere Plug-in Proficient in maintaining minimum down time for rolling out Application upgrades and Releases to production system using automated scripts and Load Balancing technologies Excellent in troubleshooting skills and bringing up failed mission critical production systems under extreme time constraints. Strong Experience in identifying and troubleshooting system outages, installation issues, and application code running in WebSphere and JBoss environments Extensive experience in planning proactive monitoring and system health checks, patch management and scheduling Cron jobs in Solaris, Linux Extensive experience in upgrading, migrating the WebSphere servers, JBoss servers, CRM servers, Foglight and keep the patch level up to date Experience in Disaster Recovery(DR), Back-up/recovery methodology, static clustering, high availability strategies, capacity planning, scalability planning, Security configuration and Tuning Architecture knowledge and expertise in providing technical solutions for B2C and enterprise class applications Excellent Verbal and Documentation skills. Contributed to Documentation of SOPs, SLAs, Application documentation, Resource Release documents and Training manuals Excellent communicator, equally comfortable heads-down in a meeting with business users Always accomplishes anything and everything that employer requires Good leadership skills to mentor and coordinate with other teams Ability to multitask and able to set priorities in a continuous changing environment

Core Qualifications

Servlets, Portlets, EJB, J2EE, XML, JSP, PHP, JMS, JNDI, REST, RMI, SOAP, WSDL, Web Services Application Servers: WebSphere Application Server (WAS), JBoss, Weblogic Server, IIS, Tomcat Web Servers: IBM HTTP Server (IHS), Apache, IIS, Oracle iPlanet Web Server Operating Systems: Solaris 9, 10, 11, Red Hat Enterprise Linux 5.11, Fedora, AIX, Windows08/12 Script Languages: Solaris scripts, UNIX shell scripts, Perl, Jython, Jacl, wsadmin, XMLAccess script Network Technology: HTTP, FTP, TCP, DNS, Load-balancers, Firewall, DMZ, SSL Eclipse, IBM RAD, IBM Rational Team Concert (RTC), Foglight, Wily Introscope, Visio, VSS, Tivoli performance viewer, JMeter, F5 console viewer WebSphere skills: Global Security configuration with Microsoft ADAM/Active Directory,

Experience

Senior Application Administrator & Solutions Architect

August 2006 to Current Crowley Maritime Corporation 1/4 City, STATE

- Key Achievements Implemented a Solaris based WebSphere Portal infrastructure solution for Booking, Shipment, Bill of Lading application which is one of the largest IT online services projects ever undertaken by the company Designed, installed the fully automated WebSphere Portal Extend, WAS and WebSphere ND in VMware instances from sandbox, dev, QA, UAT through Production environments.
- Installation includes but not limited to application code Deployment, Configuration process (MS Active Directory, LDAP Security, SSL certificates, DMZ, Load Balance, Node Failover, Databases, Foglight Monitoring and Nagios).
- As Portal admin Lead, Migrated Portal from Portal Extend 6.1 in Solaris to Portal Server 6.1 in Linux edition across all server environments within a short duration of 6 weeks which resulted in huge Savings of \$900 k in IBM License costs Contributed to savings of 1 Million dollars in Licensing costs in a time- constraint situation by bringing up new stack of WebSphere Portal Server instances(in VMware instances) in a distributed architecture across the network including DMZ layer, migration of code and configuration parameters to new VMware instances Migrated Portal, ND, WAS environments from 6.0 to 6.1 and 7.0 to stay up-to-date with Security Fixes, Cumulative iFix, Fixpacks and in Compliance with IBM License policy.
- Achieved Performance Tuning and better end-user experience by configuring caching, queuing, pooling, heapsize and optimizing JVM parameters at all layers of OS, Database, WAS, WPS and IHS Significantly reduced Recovery time through Automation of tasks by creating scripts and CRONs Achieved significant savings in server license costs by Architecting and Migrating service layer from IBM WebSphere Application Server to Red Hat JBoss Migrated Rules engine from WebSphere Process Server to JBoss BRMS / Drools Redesigned the new architecture for a mass rate change process to run in minutes instead of hours, leveraging the enterprise messaging system to allow a slow single-threaded process to run in parallel in multiple threads on multiple nodes Software: Java, C, C++, .NET, ASP.NET, Javascript, jQuery, VBScript, WebSphere Portal 6.0, 6.1, 7.x, 8.x, WebSphere Application Server (WAS), Network Deployment, WebSphere Process Server, Message Broker, MQ, SAP NetWeaver, IBM HTTP Server, IBM License Metric Tool (ILMT), Tivoli Access Manager, Tivoli Identity Manager, XML, JSON, Maven, Jenkins Build Server, JIRA, SVN, CICS, Foglight Monitoring tool, Microsoft LDAP, ADAM, IBM Tivoli Directory Server, Weblogic 8.1, MS CRM Dynamics 2011(Sales, Purchasing, Labor Relations), Scribe, IBM Appscan, UML, VMware, AWS, NetScaler, BIG-IP F5 LTM, F5 ASM, F5 iRules Databases: Oracle 11g, 10g, 9i, IBM DB2, Microsoft SQL Server, MySQL, DB2Connect, JDBC,.

Java Programmer/Developer

May 2004 to August 2006 CACI 1/4 City, STATE

- XMLAccess, ConfigEngine, Solution Installer, Release Builder, SSO, SSL, WebSphere Service Registry and Repository (WSRR),

Perform assessment of application performance with logs, CPU Utilization, Heap/Thread dump Storage platforms: SAN, NAS 9 plus years of experience in architecting, installing, configuring, migrating and administering WebSphere Portal, WebSphere Process server, JBoss EAP and JBoss BRMS applications in Solaris, and Linux (hosted on VMware instances) Installed and configured WebSphere Portal Server versions 6.0, 6.1, 7.x in horizontal clustered environment Competent in administering and managing content in Lotus Web Content Management (WCM) 6.1 and 7.0 in Solaris Achieved the user friendly application features by Configuration of LDAP security with Microsoft ADAM Contributed end-user time saving with design and configuration of Single-Sign-On (SSO) Portal, WAS and Microsoft AD, ADAM in a business critical environment Competent in writing XMLAccess scripts for Migration of Releases and Content between lower Development environments thru Production pipeline.

- Configured and maintained secure enterprise WebSphere environments with SSL and Single-Sign-On (SSO) using LTPA protocol, GSS-API Negotiation (SPNEGO), SAML and Kerberos Strong experience as a Middleware administrator for JBoss EAP 5.x, 6 in Linux, Solaris with Microsoft AD security, database configuration and configuring JMS messaging in JBoss Contributed to Saving resources by quick installation and configuration of JBoss EAP 5.2, 6 in Multi-Node domain and stand alone mode on Linux x86 servers Introduced application enhancements with Performance Tuning which reduced production support time from 100 hours to 20 hours per week Managed troubleshooting issues related to connection timeout, ServerIOTimeout, cache size, session persistence, Session Affinity, JSESSIONID cookie, Memory-to-Memory Replication, Data Replication Service(DRS), request routing.
- Provided technical feasibility assessments and proof-of-concept(POC) required for business Managed and maintained support documentation of all production and non-production WebSphere Portal environments.
- Maintained reports of root cause analysis for identified issues and improved documentation.
- Knowledge in the process of creating and escalating IBM PMRs Performed Load Balance testing, backup and recovery and scheduled multiple CRON Jobs in Solaris.
- Accomplished reducing of Application Downtime in production from hours to minutes by automated deployments with shell scripts.
- The Crowley's Booking/ Shipment Application hosted on the WebSphere environment, serves more than 20,000 customers with 80,000 contracts in US and South America Expert in architecting, installing, migrating and support of IBM License Metric Tool (ILMT) in Solaris Achieved the cut-down of License costs up to \$100 k by maintaining the inventory and renewal of software subscription licenses based on PVUs and cores for IBM WebSphere products and Red hat products Managed and supervised contract employees working onsite and offshore, and other external vendors/resources to accomplish routine tasks As a Solutions Architect, contributed to the development and implementation of Wide Area Workflow.
- WAWF is a secure Web-based system for electronic invoicing, receipt and acceptance.
- The DoD's WAWF is a Paperless Contracting prototype application to eliminate paper from the Receipt/Acceptance and Invoice/Payment process of the DoD contracting life cycle.
- It provides the technology for government contractors and authorized DoD personnel to generate, capture, and process receipt and payment-related documentation, via interactive Web-based applications.
- Implemented code using Servlets, JSP, XML, XSL and JavaScript per the new business requirements.
- Evaluated the customer requirements, and problems identified in WAWF.
- Achieved high performance of WAWF through re-writing many Oracle SQL Statements to Prepared Statements.
- Autopilot Designed and developed WEB SERVICES, SOAP and WSDL to make use of the functionality of ADCS application to create Receiving Report in WAWF application.
- Contributed to the design, development of Public Key Infrastructure (PKI) project implemented for validating the X509 certificates (Digital certificates for secure signing) using the security classes of JDK1.4 and Bouncy Castle.
- Public Key Infrastructure is used to electronically bind the digital signature to provide non-refutable proof that the user (electronically) signed the document with the contents.
- Designed and implemented a project for modifying the code in WAWF to update the XML Signature in the Oracle database.

Java Programmer/Developer

June 2002 to March 2004 CSX i¼ City , STATE

- Railroad Routes Database Application.
- Contributes as a Database Designer and imported several Excel data files into the Oracle database for the purpose of developing Oracle Reports that helped for quick analysis of existing 'Capacity' database.
- Created and integrated updates to many SQL queries to reflect the new business requirements of the railroad database.
- Designed and implemented an application for archiving files using Java, Visual Basic, and MS SQL server, Oracle, PL/SQL and SQL.
- Designed and created Access Reports using SQL according to the business requirements.
- Contributed as a Programmer/Analyst in the design and development of programs using Java, Oracle, PL/SQL to create input data and output data files for Interactive Distance program.
- Achieved optimum routes between various nodes with various simulation programs using Multirail and Excel.

Education

MS : Computer Science University of North Florida (UNF) Computer Science

Skills

.NET, ASP.NET, Active Directory, AD, AIX, Analyst, Apache, API, Architect, ASM, Automation, backup, Balance, bind, C, C++, CICS, concept, content, contracts, CPU, CRM, Databases, Database, documentation, DNS, Eclipse, EJB, XML, features, Firewall, FTP, government, HTTP, PHP, IBM, DB2, IDE, IIS, Web Technology, inventory, invoicing, IP, iPlanet, J2EE, Java, JMS, JSP, JavaScript, JBoss, JDBC, JNDI, jQuery, JSON, Labor Relations, LDAP, Linux, Linux 5.11, Lotus, managing, Memory, messaging, Access, Excel, Windows, Middleware, Migration, MySQL, Negotiation, Enterprise, NAS, Network, ODBC, Operating Systems, OS, Oracle, Oracle database, PL/SQL, Oracle SQL, Perl, personnel, Programmer, Purchasing, QA, quick, RAD, Receiving, Red Hat, RMI, routing, Sales, SAN, SAP, Servers, Servlets, scripts, Script, shell scripts, simulation, SOAP, Solaris 9, Solaris, MS SQL server, Microsoft SQL Server, SQL, SSL, threads, Tivoli, Tomcat,

troubleshooting, UML, UNIX shell scripts, VBScript, Visio, Visual Basic, Web Servers, Web Server, Web Content, Weblogic, IBM WebSphere, WebSphere, Workflow, x86, XSL