**PROFESSIONAL SUMMARY**

* **8 years of experience** as **System Admin, Middleware Admin and Build and Release Engineer** implementing and maintaining Software Configuration Management. Expertise in all areas of **SCM** processes including version, build and release management and Change/Incident Management.
* **6+ years of experience in DevOps Engineering.**
* Proficient with DevOps tools such as **Ansible, Jenkins, Maven, Ant, Terraform, Docker, Gradle, Git, Kubernetes.**
* Experience in **Apache Tomcat, RabbitMQ, IBM MQ, Software AG Web methods and Cloud Technologies, AWS.**
* Ability to manage SCM processes which include **compiling, packaging, deploying**, **Automating** processes and application configuration changes.
* Managed installation, configuration, tuning, and troubleshooting of Oracle WebLogic Administration 10.x/11g/12.1.1, JBoss Administration 5.x/6.xunder different opera​​ting environment **–RHEL, UNIX, LINUX, SUN Solaris and Windows**
* Skilled in different phases of **Software Development Life Cycle** and **Agile/scrum Programming Methodologies.**
* Extensive experience in using Version control systems includes **Subversion** **(SVN), TFS, GIT-Hub and GitLab**.
* Proposed Branching strategies for implementing the **Parallel development** and suits the **Agile Programming Methodologies** for different Version control systems.
* Good exposure in administering version control systems to create daily backups and checkpoint files.
* Expertise in using build tools like **Maven and Gradle** for the building of deployable artifacts such as war & ear from source code.
* Installation, administration, configuration of **Nginx,** **Apache**, Sun ONE Web Server, Apache Tomcat 6.0, Microsoft IIS Server.
* Worked on BEA Weblogic Portal Server10.x in various environments like Development, QA/PT, and Production.​​
* Configuring and installing **JDBC** drivers and providers and testing the established connections for Jboss Application Server.
* Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, transformation and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.
* Developed a PowerShell script which collected configuration data from the VMware environment to ensure conformity and stability.
* Good working experience in Azure Logic apps, Service Bus, DocumentDB and SQL Database.
* Analyze, design and build Modern data solutions using Azure PaaS service to support visualization of data. Understand current Production state of application and determine the impact of new implementation on existing business processes.
* Experience Managing and implementing updates on database management systems such as **SQL (SQL), NoSQL**
* Solid experience in deploying various WAR, JAR, EAR, RAR applications in clustered environment using Admin console & WLST scripts
* Experience in **Apache ActiveMQ, RabbitMQ, IBM MQ, Software AG Web methods** and **Cloud Technologies, AWS, Ansible** etc,.
* Hands-on experience in installing and configuring JBoss EAP 5.x/6.x and 7.x in various environments
* Configured **F5 load balancers** to work with WebLogic Server and IIS web servers.
* Expertise in Installation, configuring and managing secured environments using **SSL and digital certificates**.
* Experience in developing the applications on multiple WebLogic Servers and maintaining Load balancing, High availability and Failover
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, **Automation**. That includes **Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, GitHub, Nexus CVS, Tomcat,  Linux, Kubernetes** etc. Implemented Continuous **Integration and deployment** using various CI Tools like **Jenkins, Puppet, Chef, Hudson** and **Bamboo**
* Implemented and maintained services running on **Linux/Unix** and server platforms deployed in **AWS EC2 cloud**.
* Involved in the maintenance activities of Redhat Linux Servers like **security patching, disk space issues, upgrades.**
* Strong technical knowledge in JBOSS Application server implementation, support, workload management and performance tuning including Web server setup configuration with JBOSS Application Server.
* Experience in managing and monitoring **JVM performance** tuning by adjusting WLS **Heap size**
* Extensive experience in troubleshooting by using Thread Dumps for WebLogic/JBOSS server issues
* Experience in configuring Connection pools for **JDBC connection**.
* Experience in deploying JAVA projects using MAVEN/ANT and JENKINS.
* Extensively worked on several build tools like ANT and Maven.
* Configured Weblogic node manager as a service on RHEL.
* Excellent application development and interfacing experience with **LDAP** using Netscape and Sun ONE directory Server
* Good experience in converting **build.xml** into **pom.xml** in order to build the applications using **MAVEN etc**.
* Efficient experience in using **Nexus and Artifactory Repository** managers for Maven builds.
* Administered and Implemented **CI** tools **Jenkins, Hudson, Build Forge** and **Anthillpro** for automated builds.
* Experience in writing **shell, Perl and PowerShell** scripts to automate the deployments.
* Expert in deploying the code trough web application servers like **Web Sphere/Web Logic/ Apache Tomcat/JBOSS.**
* Efficient in tracing complex build problems, release issues and environment issues in a multi component environment.
* Evaluate **Chef** and Puppet framework and tools to automate the cloud deployment and operations.
* Deployed **Azure IaaS virtual machines** and **Cloud services** (PaaS role instances) into secure Virtual Networks and Subnets.
* Worked on Amazon **AWS** Cloud Services, (**EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation and Route53**)
* Experiencing in architecting and implementing cloud-based web-applications using **AWS** and **GCP.**
* Excellent experience in documenting and automating the build and release process.
* Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* Ability to grasp latest technologies and to properly apply new tools to build applications.
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Provides **24/7 on call** support to the development team in both testing and production environment, and analysis (troubleshooting) of log files to resolve issues.

**EDUCATION**

* Masters in computer application, Guru Jambheshwar University of Science and Technology, Haryana**,** India 2012
* Bachelors in computer application, Guru Jambheshwar University of Science and Technology, Haryana**,** India, 2009

 **CERTIFICATIONS**

* RHCE (Red Hat Certified Engineer) certified
* Multimedia and Web Designing (ISO certified)

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Middleware**  | BEA WebLogic Server (7.x/8.x/9.x/10.x/11g/12c), IBM WebSphere (5.x/6.x), JBoss 4.x/5.x/6.x/7.x, iPlanet/Sun One, Jboss EAP 4.x/5.x/6.x Apache, Tomcat, IIS 5.1/6.0, IBM MQ, IBM IIB, Sonic MQ,Jboss Fuse  |
| **Operating Systems**  | Solaris 10/9/8, Linux (Red Hat 9-6), Windows XP/2003/2008, AIX 5.x/HP UX  |
| **Programming**  | Java, C, C++, C#, XML, Unix Shell Scripting, JavaScript, VBScript, JSP, SQL, HTML, PL/SQL, Python, Tcl, Software AG Web Methods  |
| **Network Services**  | T3, T3S, TCP/IP, SSH, SMTP, FTP, LDAP, HTTP, HTTPS  |
| **Scripting**  | ANT, WLST, Jython, Perl, Shell Script (Korn/Bourne), Tcl  |
| **Database**  | Oracle 10g/9i/8i, MySQL, MS SQL Server, MS Access  |
| **Security**  | CA SiteMinder, SunOne Directory Server, iPlanet Console/LDAP Browser  |
| **Technologies**  | JSP, Servlets, JMS, EJB, JDBC, Web Services, JMX  |
| **CI Tools**  | Jenkins, Puppet, Chef, Hudson and Bamboo  |
| **Build Tools**  | ANT, MAVEN  |
|  **Version Tools**  | CVS, Subversion, GIT, SVN  |

**PROFESSIONAL EXPERIENCE**

**First Look Media 4.0, New York June 2019 - Present**

**Middleware Admin/ DevOps Engineer**

**Responsibilities**

* Provisioned Linux and IIS server using **ansible playbooks**.
* Design and assist in **Visio** network management and architect business Applications and Virtual Machines.
* Responsible for Installation, troubleshooting & configuring of **Red hat Satellite Servers**. Configured **Red hat** **Satellite** Servers for upgrading and patching of all **Linux** servers in the network.
* Written Ansible playbooks to automate the installation and configuration of tomcat,

httpd, WebLogic on AWS EC2 instances and on-premise VM’s.

* Experienced in Configuring virtual machines on **VMware** and **KVM** for **Linux** **OS**. Installation and configuration of **Veritas Volume Manager**, LVM, Veritas File System and Veritas Cluster Server in Linux and **UNIX** environment.
* Helped in migrating and managing multiple applications from on premise to cloud using services like **Snowball, DMS**, and Server Migration Service (**SMS**).
* Implemented **AWS** solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups. Used IAM to create new accounts, roles, and groups.
* Configured **Elastic Load Balancer** to safeguard that the traffic is distributed uniformly across all the **EC2** Instances. Used Simple Storage Services, Glacier, and Elastic BookStore to manage the storage in **cloud**.
* Configured global security in **WebLogic** using LDAP authentication
* Installed and configured **WebLogic 8.x/9.x/10.x** plug-ins on Apache 2.x
* Deploy and manage servers through **Ansible and playbook scripts.**
* Installed and Administered **Web Sphere** Application Server, **Jboss** environments.
* Installed Fix Packs to **Web Sphere Application Server and MQ.**
* Migrated **JBoss Application Server** from 6.3 to 7.0
* Experienced in installing, configuring, administrating **Jenkins** on Linux machines alongside updating plugins like **GIT, Maven, SVN and Puppet.**
* Implemented the setup for Master slave architecture to improve the performance of Jenkins, and also used **Jenkins** for **Continuous Integration (CI)** and deployment into **Tomcat** Application Server.
* Coordinating and managing the migration of JBoss from **JBoss 5.2 to JBoss EAP 6.**
* Worked on Installation/Configuration/Administrated **VMware ESXi 5.1/5.5** and migrated existing servers into **VMware Infrastructure** and Troubleshoot server issues and registered events since Forced Crash Dumps.
* Experience and Familiar with Virtualization technologies like installing, configuring, administering **VMware ESX/ESX.**
* Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, transformation and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.
* Developed a PowerShell script which collected configuration data from the VMware environment to ensure conformity and stability.
* Good working experience in Azure Logic apps, Service Bus, Document DB and SQL Database.
* Analyze, design and build Modern data solutions using Azure PaaS service to support visualization of data. Understand current Production state of application and determine the impact of new implementation on existing business processes.
* Experience Managing and implementing updates on database management systems such as SQL (SQL), NoSQL
* Created and managed **VMs (virtual server)** and also involved in the maintenance of the virtual server.
* Configured Elastic Load Balancers with **EC2** Autoscaling groups. Deployed cloud stack using **AWS Opsworks.**
* Install, configure and Administer **WebLogic Server** on **Red Hat Linux** in Non-Production.
* **WebLogic Administration** with expertise in Installation, Configuration, Troubleshooting,
* Created monitors, alarms, and notifications for **EC2** hosts using **Cloud watch** and Configured multi-platform servers using **Nagios**.
* Encrypted EBS volumes via **KMS** service migrated applications to the **AWS cloud.**
* Responsible for Day to Day **Logs** maintenance and administration console.
* Monitor and perform on daily basis stand ups and weekly or Periodic related tasks **JIRA** and IT smart universal client.

**Joynus Search Group, Englewood, NJ November 2017 - May 2019**

**Middleware Admin/ Build Release Engineer**

**Responsibilities**

* Installed and configured **Weblogic** Server 10.3/11g, **using graphic, console and silent mode and configured the WebLogic domain.**
* Installed and configured **JBOSS 5.1/6.0, Apache Tomcat 6.0**on different environments like Dev, Test, QA and Production.
* Deployment and troubleshooting of **JAR, WAR,** and **EAR** files on both standalone and clustered environments in **WebLogic 8.x/9.x/10.x/11g, JBOSS 5.1/6.0 and Apache tomcat 6.0**.
* Configuration of WebLogic clusters and **deploying J2EE** applications in the Cluster in a production environment.
* Deployment of J2EE Web Applications, **EJB** components and Enterprise applications (**WAR, JAR** and **EAR** files).
* Installed and Configured **Apache Tomcat 6.0** application servers on various environments like Dev, Test, Perf and Production.
* Installed, configured, created multiple instances of standalone servers on JBoss EAP 6.2.3
* **Continuous delivery with Jenkins and kubernetes:** Knowledge on **Jenkins Workflow** on **kubernetes**
* **Migrated JBoss AS 4.2.1 to JBoss EAP 6.2.3** on **Red Hat Enterprise Linux** 6.0.
* Deployed **J2EE** Web and **EJB** modules using **Ant tool,** Web logic Command Line and Web Logic Admin Console.
* Automated **WAR** deployment procedure in production environment running on **JBOSS EAP 6.x** using UNIX shell script.
* Configured and administered **Apache** and **Apache Tomcat 5.5/6.0** on **Redhat 6.2**.
* Create Splunk Search Processing Language (SPL) queries, Reports and Dashboards
* Used Software **AG web Methods** to create workflows
* Created shell and **WLST** scripts to monitor domains, recycle clusters, monitor disk space, monitor number of **Apache** connections, and ran them as Cron jobs
* Installed and configured **Apache 2.2** in different environments.
* **Linux** Operating Systems upgrade, package installations, updates and patches.
* Experience on Linux scripting
* Performance monitoring and troubleshooting the network issues on **Linux** and **Solaris** servers.
* Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, transformation and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.
* Developed a PowerShell script which collected configuration data from the VMware environment to ensure conformity and stability.
* Good working experience in Azure Logic apps, Service Bus, DocumentDB and SQL Database.
* Analyze, design and build Modern data solutions using Azure PaaS service to support visualization of data. Understand current Production state of application and determine the impact of new implementation on existing business processes.
* Experience Managing and implementing updates on database management systems such as SQL (SQL), NoSQL
* Auto deployment of several applications using ANT build scripts, **UNIX** shell scripts
* Performed Web logic Server 8.x/9.x/10.x11g, JBoss 4.x/5.x and Tomcat 5.x server administration tasks such as Installation, Configuration, Monitoring and Performance Tuning.
* Responsible for starting up, configuring, administering and maintaining the J2EE applications as part of the enterprise's computing/ networking infrastructure and applications.
* Configured and Administered JBoss 5.x and Apache Tomcat Application server 6.x
* Extensively involved in Tuning and Clustering of the WLS 8.1.
* Maintained WLS in a project involving 40+ clusters, 86 applications with about 145 servers deployed on separate boxes.
* Deployed applications from Admin Console of JBOSS Eap as well as managed hot deployment.
* Tuned OS parameters like Swap and virtual Memory settings to improve the JBOSS performance.
* Evaluate **Chef** and Puppet framework and tools to automate the cloud deployment and operations.
* Deployed **Azure IaaS virtual machines** and **Cloud services** (PaaS role instances) into secure Virtual Networks and Subnets.
* Worked on Amazon **AWS** Cloud Services, (**EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation and Route53**)
* Experiencing in architecting and implementing cloud-based web-applications using **AWS** and **GCP.**
* Setting up the cluster environment for WebLogic Server integrated with multiple workflows.

**Super Micro Computer Inc., Jersey City, NJ October 2016 - October 2017**

**Build Release/DevOps Engineer**

**Responsibilities**

* Built and Supported IT Migration.
* Installation, Maintenance, Administration and troubleshooting of **RHEL/SuSE/CentOS/ Linux, Sun Solaris, /AIX/ HP-UX Unix** and **Windows 2003/2008** operating Systems.
* Install, set up and end to end process flows to configure Cluster, Host, attach storage and network connection in new/old physical servers in **Data Centre**.
* Built and Support 24/7 the management of the migration environment and everyday troubleshooting in **Web/App/SQL servers** & **Linux /Unix servers**.
* Install and maintain internal and external **(Digi) Certs in IIS windows** **API and Linux JBoss** or **BRMS** Dev/Test and Productions servers on a monthly basis.
* Deployment of **J2EE** **Web** Applications, **EJB** components and Enterprise applications (**WAR, JAR, EAR files).**
* Managed **Microsoft IIS** and **Linux API** (Application Programming Interface) **WEB/APP/SQL and Linux** servers on weekly basis.
* Performance monitoring and troubleshooting the Network issues on **Linux and Solaris servers.**
* Build and maintain build related scripts developed in **Ansible playbook, AWS and puppet/Jenkins**.
* Worked with kubernetes to manage containers and to manage clusters of nodes. Used Docker containers to deploy Linux applications.
* Deployment and implementation of **DevOps** based **Puppet** for **API** weekly deployments.
* Work and development in many troubleshooting processes with various **P1 P2 calls** for main business applications.
* Worked on Installation/Configuration/Administrated **VMware ESXi 5.1/5.5** and migrated existing servers into **VMware Infrastructure** and Troubleshoot server issues and registered events since Forced Crash Dumps.
* Installed and configured Application Performance Monitoring & Management programmes and tools such as **AppDynamics, 3Scale, Dynatrace, Rigor, AWS, Kong** updated versions.
* Write and involve developers and engineers to troubleshoot **JAVAScript, Dot Net & ASP framework, Python, C++, Jenkins, Ansible, Shell scripts.**
* Developed Github repository to maintain **Ansible scripts**.
* Troubleshoot and validate **Red Hat JBoss** and **BRMS** built related applications.
* Created **Web logic DNA** files to use in an automation tool, **Blade logic**, to apply managed servers based on its current admin server.
* Worked on building **WebLogic** gold property files and imported it in Stash storage through **GIT** user interface software.
* Worked on Amazon **AWS** Cloud Services, (**EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation and Route53**)
* Experiencing in architecting and implementing cloud-based web-applications using **AWS** and **GCP.**
* Used IAC (Infrastructure as Code) with Azure DevOps pipelines ARM templates
* Configured connection pools, data sources for **JDBC** connections on **Tomcat and Oracle WebLogic** based servers.
* Experience working with **Helm** charts and managed **Kubernetes** charts using Helm.
* Responsible for the development and successful achievement of  short-range and long-range objectives for the use of internet and document imaging technology for **LPL’s** intranet.
* Server log and Domain log monitoring, Application Deployment, and performance tuning of **WebLogic**. Setting the JVM parameters like maximum and minimum heap size in **Web Logic startup scripts.**
* Worked on getting hands-on experience in **Oracle** coherence setup/configuration along with **WL 11g and 12c.**

**7 Days times, Delhi, India March 2013 - July 2015**

**Build & Release Engineer**

**Responsibilities**

* Used the roles, inventory (static and dynamic), galaxy, tasks, handlers, facts, jinja2

templates in ansible to dynamically install/configure applications on Linux and Windows

servers.

* Used Ansible to create the users, groups, manager ulimits, kernel parameters,

enable/disable repos, installing packages, volume management on Linux servers.

* Extensive experience in configuring **WebLogic Clusters** (Horizontal and Vertical) for Load-balancing and Fail-over solutions.
* Experience managing the Volumes on RHEL servers using LVM, created Logical

volumes, Physical volumes, Volume groups and filesystems.

* Administered the Gitlab version control system and performed the activities like

branching, merging, tagging, repo creation and conflict resolution.

* Managed the Jenkins CI/CD tool. Installed and configured the Jenkins, installed plugins,

setup Linux and Windows slaves.

* Worked on setting up Docker for microservice based apps. Written the Dockerfile to

create custom Docker images and publish the images to the Artifactory Docker registry.

* Integrated the Jenkins with gitlab, Maven, Ant, SonarQube, Artifactory to enable the

continuous integration (CI) of source code.

* Used the gitflow model for branching and helped streamlining the release process for enterprise applications by providing visibility on what is going into the environments.
* Integrated Jenkins pipelines with ability to perform the deployments by promoting the applications from DEV to Prod.
* Written Dockerfiles to create custom Images and deployed the containers from docker images.
* Used the Jenkins pipelines to build docker images and create the docker containers from docker images.
* Worked on Migrating the On-Premises MySQL databases to AWS Aurora using AWS
* Data Migration service and Replication instances.
* Used AWS Code Build and Code Deploy pipelines for some applications to build and deploy Java, .NET and React based apps.
* Experience writing the Build files in Maven (pom.xml) and Ant (build.xml)
* Written shell, PowerShell, python scripts to automate the day-2-day activities.
* Provided support for production deployments and actively participated in troubleshooting the severity issues.
* Collaborated with Application and Development teams to examine the existing release process, project dependencies and the frequency of releases and enhanced the
* Process.Assisted the application, project and development teams to use the Git version control system and provided the training on Git.
* Helped in migration of code from SVN Centralized version control system to Git distributed version control system.
* Worked on creating the AWS EC2 instances, Security Groups, NACL’s using AWS CLI and Cloud Formation templates.
* Used the S3 buckets to store the static images and artifacts related to various applications and used the IAM policies to control the access to various AWS resources.
* Heavily worked on creating the DNS aliases and CNames using Route53
* Enable the Pre-commit hooks on github to validate the Code for various applications before it gets committed into the version control system.
* Developed the build jobs in Jenkins to poll the SCM to check for changes of source code and performing the builds.
* Implemented software release management strategies for different applications according to agile methodologies.
* Developed ANT and Maven build files to compile, unit test, package and store the JAR’s, EAR’s and WAR’s.
* Automated the versioning of Java artifacts using Shell and PowerShell scripts.
* Deployed the changes to MySQL and Oracle Databases using SQL DDL/DML, Ant, Git, SQL Client libraries and Jenkins.

**Alpha Consultancy Solutions January 2012 - February 2013**

**Middleware Adminstrator**

**Responsibilities:**

Responsibilities

• Performed Weblogic Server 8.x/9.x/10.x11g,JBoss 4.x/5.x and Tomcat 5.x server administration tasks such as Installation, Configuration, Monitoring and Performance Tuning.

• Responsible for starting up, configuring, administering and maintaining the J2EE applications as part of the enterprise's computing/ networking infrastructure and applications.

• Configured and Administered JBoss 5.x and Apache Tomcat Application server 6.x

• Extensively involved in Tuning and Clustering of the WLS 8.1.

• Maintained WLS in a project involving 40+ clusters, 86 applications with about 145 servers deployed on separate boxes.

• Deployed applications from Admin Console of JBOSS Eap 5.1 as well as managed hot deployment.

• Tuned OS parameters like Swap and virtual Memory settings to improve the JBOSS performance

• Setting up the cluster environment for WebLogic Server integrated with multiple workflows.

• Configured and maintained Application servers on Linux and UNIX platforms.

• Configured JON 2.4 to monitor JBOSS instances and created users, groups and roles.

• Developed UNIX shell scripts and WLST scripts to start/stop admin and manage servers and to deploy different applications like .war or .ear files.

• Deployed applications on multiple WebLogic Servers and maintained Load balancing, high availability and Fail over functionality.

• Responsible for analyzing and troubleshooting all WebLogic related issues reported by the clients in different environments like Dev, Test, UAT, Pre-Prod and Production.

• Involved in bridge calls with other team members and developers for resolving the high priority issues in the Production Environment.

• Auto deployment of several applications using ANT build scripts, Linux shell scripts

• Implemented web services with Apache Axis.

• Developed ANT build scripts, UNIX shell scripts for auto deployment process.

• Used Tibco EMS to provide fully compliant JMS as well as several value added features.

• Troubleshooting WebLogic server connection pool between Oracle 9i and DB2.

• Helped build the Swing based E-Business Control Center for WebLogic Portal Product.

• Involved in doing a performance benchmark of WebLogic Server by using Load Runner.

• Involved in Performance monitoring and performance tuning of WLS.

• Developed ANT build scripts, UNIX Shell scripts and auto deployment process.

• Involved in Configuration and Troubleshooting of Sun One 5.1 on Solaris platform.

Environment: JDK 1.4, Web Logic Server 7.x/8.x/9.x/10.x/11g,JBoss4.x/5.x,Redhat,Tomcat, Unix Sun One 5.1, Solaris, Linux, Unix, J2EE, JSP, Servlets, EJB, LDAP, JDBC, JMS, XML, Oracle9i, Ant1.5.3, IBM Websphere Portal, Maven.