**Ramesh Betha**

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**Professional Summary:**

* IT professional with 8+ years of experience. Excellent understanding and knowledge of Identity and Access Management (**IAM**) domain.
* Expertise in Installation, configuration, deployment and maintenance of the Site Minder components the Policy Server, Web Agent, Policy Store and Key Store certificate store.
* Experienced in **Siteminder** Policy Server Up gradations from **R12.52** to **R12.7** and **R12.72 to 12.8.**
* Proficiency in configuration of **Siteminder** Authentication Schemes, Policies, Realms, Rules and Responses.
* Configured **Siteminder Web Agents** on **Web Servers** like **IIS, Apache** and **Application Servers** like **Tomcat, Web logic, Web Sphere.**
* Expert in SiteMinder, not only administration, but in-depth understanding of SiteMinders processing
* Supported **Siteminder**, **IDM** and **LDAP** Servers in production environment 24 x 7 basis.
* Good experience in troubleshooting issues related to **SSO**, authentication and authorization solutions to address business and security problems.
* Experience in designing, implementing and deploying **LDAP** architecture which includes replication, data synchronization.
* Experience with enterprise-level support of business-critical services.
* Experience with technical documentation writing / knowledge base article creation.
* Experience installing **X.509** Certificates on Application Servers and Web Servers using **Open SSL** and **Key tool**.
* Experience in writing **UNIXshell scripts** for installation of **X.509** Certificates on both App and Web servers.
* Experience on creating and modifying on Email Template in **IDM**.
* Hands on experience in **IDM** daily activities like snow failures, os400 profile deletion, profile creation, password resets, incomplete ad termination, login issues, add groups to user, remove spaces in first/last name, set up security questions, etc...
* Good Knowledge in Implement federation using **SAML 2.0** and **IDP** as well as **SP** initiated federation SSO.
* Ability to troubleshoot complex Siteminder issues and full understanding of tuning and available configuration settings.
* Configured and defined the policies for **SAML** Affiliate Agents for federated authentications for users coming from partner sites. Used **SAML** to implement single sign-on to external web applications.
* Experience in using Siteminder Federation services and web agent option packs to build and maintain Federation infrastructure to provide SSO functionality to external applications.
* Experience in using Unix/**Linux** utilities for analyzing logs, and trouble-shooting the applications with Application servers and Security/Identity management servers.
* Experience in creating **Splunk** dashboards and new **Reg Ex** commands for troubleshooting the issues more efficiently and quickly.
* Experience with working on **Assertion Generator Plug-in** to customize SAML assertions.
* Configured LDAP servers in Multi/Single Master-Consumer configurations and monitored the smooth replication performance.
* Proficiency in **Siteminder Administration, Load Balancing, Performance Tuning** and **High Availability** in both **Linux** and **Windows** based environments.
* Proficiency in managing, maintaining, troubleshooting, and resolving **User Authentication** and **Access** issues in a 24x7 production environment.
* Experience in working with **SPLUNK** to handle the issue resolutions more efficiently and quickly.
* Used Monitoring tools like **Splunk**, **Tivaoli, Wily, AppDynamics, New relic** and **Sitescope** to perform the above tasks.
* Excellent client facing and customer interaction skills.
* Strong organizational, interpersonal, and project management skills.

**Technical Skills**

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| |  |  | | --- | --- | | **Siteminder Products** | CA Siteminder Policy Server R12.7 and R12.8, Web agent 6.x/12.x/12.52.x,12.7.x. | | **IDM Products** | CA IDM 14.x | | **Web Servers** | IIS 6.0/7.0/7.5/8/8.5, Apache2.2/2.4 | | **Directory Servers** | Sun ONE Directory Server 5.x, 6.0, Microsoft AD, CA Directory Servers, Ping directory servers. | | **Operating Systems** | Windows Server 2008/2012/2016, Red Hat Enterprise Linux 5,6 and 8, | | **Application Servers** | Web Logic 8.1, Tomcat 5.5/8.5, JBOSS | | **Programming and Scripting Languages** | HTML, XML, Unix Shell scripting | | **Monitoring Tools** | Splunk, Zabbix, New Relic, Tivoli, Sitescope, WILY Introscope, AppDynamics. | |
| **Education**  **B. Tech Information Technology** **May 2013**  Jawaharlal Nehru Technological University, Kakinada, India  **Master’s in Computer science Dec 2016**  University of Central Missouri, Missouri, USA    **Certifications**  **Azure AD SC-300 -- Microsoft Certified Identity and Access Administrator Associate**  **Professional Experience**  **BNYMellon, Newyork July 2022 – Current**  **Cyber Security Engineer**  **Responsibilities:**   * **SiteMinder** v12.x policy server and agent installation, configuration, and support. * Involved in Installing, Configuring, upgrades and deployment of all **SiteMinder** components on both **windows** and **Linux** platforms. * Worked on **SiteMinder Federation** services and web agent option packs to build and maintain Federation infrastructure to provide **SSO** functionality to external applications. * Configure SiteMinder web agents on web servers like **IIS**, **Apache** and application servers like **Tomcat**, **web logic, IBM WebSphere.** * Monitor SiteMinder server logs for identifying problems with **Authentication** and **Authorization** of users. * Troubleshoot SiteMinder environment using SiteMinder test tool and SiteMinder policy server log files and agent log files. * Install & Configure SiteMinder **Policy stores**, **Key stores**, **User stores** and Integrate with **LDAP**. * Monitoring the infrastructure using the monitoring tools like **Splunk**, **MoogSoft**, **Oculus** and **App Dynamics**. * Involved in **ETAM** Job monitoring and troubleshooting. * Involved in **App Engine** deployments of web auth applications. * Participated in weekend scheduled activities. * Completely taking care of **HIPAM** access hub requests for onboarding the interactive id’s into Hipam. * Taking care of group creation, account unlocks in both **LDAP** and **Open LDAP**. * Pulling the **LDAP** reports from **DB**. * **RSA AA** and **RSA Secure ID** Configuration, gold listing accounts and troubleshooting the issues. * Troubleshooting the issues related to all web auth applications. * Daily worked on **Service now Incidents** and **Jira Stories** and implemented the **RFC’s** or **change record’s**  in **PROD** and **Non-Prod** environments.   **Environment:** CA Siteminder R 12.7 and 12.8, CA Directory, RSA Adaptive Auth, Ping directory, Windows Server 2016/2019, RHEL 6 & 8, SQL Developer, HIPAM, Control- M, Ansible Tower, Tomcat 7/8, Visual Studio 2013, Putty, Servicenow and JIRA.  **Staples, Boston, MA Apr 2021 – July 2022**  **IAM Administrator**  **Responsibilities:**   * Involved in Installations, Configurations, upgrades and deployment of all Siteminder components on both windows and Linux platforms. * CA Siteminder web access manager 12.52, 12.7 & 12.8 and federated services. * Configure SiteMinder web agents on web servers like **IIS**, **Apache** and application servers like **Tomcat**, web logic, IBM websphere etc... * Policy, rules, realms, response, and auth schemes setup. * Configure user directory and directory mapping for authentication and authorization. * Installing **x509** certificates on application servers and webservers using **openSSL** and **keytool** commands and also using cert automation **script**. * Implement federation using **SAML2.0** and **IDP** as well as **SP** initiated federation **SSO**. * Responsible for all daily activities like snow failures, os400 profile deletion, profile creation, password resets, incomplete ad termination, login issues, add groups to user, remove spaces in first/last name, set up security questions, etc... * Regularly attended meetings on behalf of Engineering Team &co-ordinated with different teams for task accomplishment. * Effective handling of **IDM** Administrative tasks including Bulk Account actions, Roles creation and tasks creation for Sailpoint team. * Created Policy Xpress Policies to create various business logics. * Integrated many applications in Policy server by creating new policies. * Installed and configured various web agents in accordance with the web servers involved both on Windows and UNIX. * Implemented single sign on (**SSO**) Authentication and Authorization. * Reproduce/Troubleshoot critical performance issues from both non-PRD and Production. * Resolved the infrastructure issues by providing solution to the tickets which got through **JIRA** and Servicenow (**SNOW**). * Worked on many Production Issues with High Priority. * Installation of **SSL** certificate on **Linux** servers. * Worked on tools like **Http watch** to identify more information and provide better troubleshooting services to the application teams. * Post certify the whole infrastructure after some planned activities like RHEL patching, IPL 1 & 2, Windows MR patching, version upgrade, some maintenance activities etc. * Configured load balancing and failover mechanisms for various SiteMinder components in different environments. * Supported policy migration from PCF to ECS. * Monitored health of our Prod and non-Prod infrastructure. * Taking care of build and deployment failure issues while loading the policies to target clusters. * Configuring User Authentication Stores and Policy Authorization Stores on LDAP. * Installed and configured web agents on IIS Web Server. * Provided 24/7 on call support for solving Tickets on a rotating basis with other team members.   **Environment:** CA Siteminder R 12, R 12.52 and 12.7,CA Identity Manager 12.x/14.x,Windows Server 2008/2012, RHEL 6 & 8, Bamboo, Bitbucket, Control- M, Ansible Tower, Tomcat 7, Http Watch, No Machine, Visual Studio 2013, Servicenow and JIRA.  **Vanguard, Philadelphia, PA April 2018- Mar 2021**  **System administrator in Cyber Security**  **Responsibilities:**   * Worked on the project to design, develop and enforce the upgradation of the Enterprise infrastructure from **CA Siteminder R12 SP3 to CA Siteminder R12.52.** * Effective handling of **IDM** Administrative tasks including Password policies, Bulk Account actions, creating, defining and editing **IDM** objects and IDM approvals. * Installed and Configured Provisioning Directory and **CA Directory** for Provisioning User Store. * Created Realms, Rules, Policies and Responses for protecting applications to work under single sign on environment. * Created various Policy Xpress Policies to create various business logics. * Worked extensively on assigning and managing several roles in **CA IDM.** * Worked with various application teams to upgrade the web agents on multiple platforms to facilitate the over upgrade procedures. * Upgraded 100s of **Webagents** from **R12.0 to R12.52.** * Worked on many Production Issues with High Priority. * Extensive experience troubleshooting issues involving Middleware, **Webagents**, **SAML** and **Policy Servers.** * Worked with **DBA** team for database performance issues, network related issues on **Linux** Servers. * Worked on different Operation Systems like Linux RHEL, UNIX and Windows 2008 R2 & 2012. * Used tools like **SPLUNK**, **WILY**, **Tivoli**, **Sitescope** to monitor the infrastructure. * Worked on authentication / authorization related issues and creating Rules, Responses, Realms and Policies in Site Minder. * Work with team on the daily problem resolutions and on the escalated issues for user administration. * Worked on day to day tasks including creation of Siteminder configuration objects and working with application teams to resolve issues. * Worked on incorporating the Single Sign On Solution to both internal and external clients using the SAML based federation services solution. * Worked on tools like http watch to identify more information and provide better troubleshooting services to the application teams. * Posts certify the whole infrastructure after some planned activities like RHEL patching, IPL 1 & 2, Windows MR patching, version upgrade, some maintenance activities etc. * Co-ordinate the changes for an optimized plan to minimize downtime across the DEV, TEST, STAGE and PRODUCTION environment. * Worked on creating **policy object**s as required by the application teams to implement sound and secure SSO solutions. * Worked on integrating new applications with Siteminder by creating the required **realms**, **rules**, and **policies** as required. * Worked on multiple projects to provide SSO with **Siteminder federation** setup with 3rd party vendors using the **SAML** protocol. * Hands on experience with configuring IDP initiated and SP initiated SAML profiles with different bindings like POST, Artifact, Redirect as per the custom business and security requirements.   **Environment:** CA Siteminder r12.52 Sp1,Siteminder Web agents for multiple Webservers and platforms, IIS 6.0/7.x,8.x, Apache 2.x, JBOSS& Tomcat app servers, Windows Server 2003/2008/2012 and RHEL 6,Http Watch, JDK 1,4/1.5, JDBC, XML, CA Identity Manager r8/r12, CA GovernanceMinder 12.5.X., JIRA, SNOW.  **Wells Fargo, Charlotte NC Jan 2017 – Mar 2018**  **System Administrator**  **Responsibilities:** |
| * Installed and configured **.NET** applications on **IIS** 7.0/7.5/8.0/8.5 Web server in Windows 2003/2008 R2/ 2012 Servers. * Working on providing security by configuring **SSL** certificates as well as authentication techniques. * Installed, maintained, and supported Control-M, database, servers, and fix packs * Expertise in deployment and troubleshooting of windows 2008 and 2012 R2 Domain Controllers in **Active Directory.** * Worked with **DBA** team for database performance issues, network related issues on **Linux** Servers. * Worked on FFIEC – internal encryption use segment project. * Created and configured the certificate for **IIS** provisioning and **F5** provisioning in **Venafi**. * Worked with different vendors in order to figure it out the different issues. Like domain drop issues, request for temp licenses, certificate renewal, licenses transfered etc. * Responsible for analysis, evaluation, architecture, configuration, installation and troubleshooting of applications. * Deployed Servers using latest Virtualization technologies from **VMware.** * Worked on creating, renewal, modify the certificates by using Venafi. * Good Working experience with BMC Control-M for workload automation. * Working on creating CSR (Certificate sign in request) and communicate with CA (Certificate authority) to get new certificates and configure them on web servers to provide security to internet facing web applications. * Working on configuring load balancers like F5-BigIP for multi node environments. * Proactively worked as a member of the application support team. * Performed regular system backups and recovery procedures, closely following SOPs to ensure system security. * Experience on .**Net** applications support and integration with **IIS**. * Configured multiple websites in **IIS** and installed Plug-in to proxy requests to Application Server. * Checking connections from IIS web servers and **SQL** servers and troubleshooting. * Experience in analyzing the **IIS** logs to collect information about server events, server performance, and user activity. * Expertise in taking backup and restoring data using various techniques.   **Environment :**.Windows Server 2003, 2008/2012, IIS 7.0/7.5/ 8.0/8.5, BMC Control-M, Jboss 6.4, Apache 2.2, Venafi, Hyper-V 3.0/4.0, Microsoft Azure, DNS, DHCP, VMware, Oracle Linux, Red Hat Linux 6.x/7.x, F5-Bigip. |

**Raymond James Financial, Saint Petersburg , FL June 2013 – July 2015**

**Windows Systems Administrator**

**Responsibilities:**

* Experience with installing, Configuring **Windows 2003/2008R2**.
* Configured Authentication methods in **IIS 7.0/7.5/ 8.0/8.5** to control access to the applications.
* Created user accounts, modified and deleted according to the environment using user   
  Administration.
* Working on change management process for application deployments, platform level developments and monthly security patching as well.
* Worked on creating, renewal, modify the certificates by using Venafi.
* Administrated **DHCP**, **DNS**, and **NFS** services in **Linux**.
* Worked on Monthly security updates (Patching).
* Configured Authentication methods in IIS 6.0 to control access to the applications.
* Maintained scripts to ensure a secure **IIS** administration.
* Installed Equifax certificates in IIS and configured security ports.
* Involved in maintaining and updating **Active directory**, GPOs, Global Groups and Resultant Set of Policy for authentication.
* Checking connections from **IIS** web servers and **SQL** servers and troubleshooting.
* Provided support for teams in activities such as **Load testing**, **troubleshooting**, and **performance tuning.**
* Analyze new feature releases to determine what will benefit the business.
* Responsible for process development to improve our processes and make the workflow efficient.
* Create reports for every department in the company and the company Accountant.
* Responsible for all database backups, restores, and creations.
* Working experience of scripting languages like **UNIX** shell scripting.
* Access control and authorize entrance and departure of employees, visitors, and other persons to guard against theft and maintain security of premises.
* Maintains appropriate automated and manual **logs** and computer databases.
* Collaborated with client functional and audit stakeholders to develop risk and controls matrices during controls integration, automation, optimization, or standardization initiatives
* Delivered PeopleSoft access, transaction, and configuration controls and analytics end-to-end, including functional design, technical design, build, and on-going maintenance.
* Created and delivered both on-site and virtual training sessions for client and PwC audiences
* Supported, managed, and trained junior staff.

**Environment:**  **IIS** 6.0, **SQL** Server 2008/2005, .NET 3.0, Windows Server 2008, Win2K, **Linux**