Chandra Rachamreddy

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Professional Summary:

- Experience in Web and Network security product administration, inclusive of work experience in CA SiteMinder and Azure AD, with in-depth domain and technical knowledge of identity and access management principles.
- Proficiency in identity and access management tools like CA SiteMinder, Azure AD, ADFS, CA Authminder, ADFS, InAuth, and Okta.
- Expertise in installation, configuration, deployment, and maintenance of enterprise wide SSO solutions, like CA SiteMinder on Windows as well as on Linux servers.
- High competency in SAML 2.0, Open ID connect and OAuth 2.0.
- Good Understanding of Implicit flow and authorization code flow in Open ID connect.
- Full hands on with cloud solutions like Azure AD and Okta in integrating client facing applications with SAML and OAuth 2.0/ Open ID protocols.
- Enormous Federation experience in Siteminder, ADFS, Okta and Azure AD.
- Finesse in providing solutions for peculiar SSO needed applications.
- Familiarity with setting up CICD using repositories like Github and build tools like Jenkins and Gitlab.
- Expertise in providing MFA capability for client facing applications integrated with Azure as well as Okta.
- Expertise in enabling MFA for SaaS applications and green field applications based on business requirement following correct NIST guidelines and NYDFS regulations.
- Proficiency in analyzing Root Cause analysis, implementing solutions and documenting.
- Experience in services like change management, knowledge on problem and incident management, proficient in tools like HPSM with a good understanding of ITIL concepts.
- High quality client facing and customer interaction skills with an enormous degree of learning ability.

Technical Skills:

Cloud IAM Solutions	Azure AD, Okta, InAuth
IAM solutions	CA Siteminder12.52/12.52 SP01/CR01, Web agent 12.52/12.x, SPS R12.52cr01, ADFS, Shibboleth, Keycloak.
CI/CD Tools	Github, Jenkins, Gitlab, Ansible tower.
Web/Directory servers	IIS 6.0/7/7.5, Apache 2.2/2.4, JBoss 5.x, 6.x, ODSEE 11g, Microsoft AD.
Application servers	BEA Web Logic 8.1, IBM WebSphere 5.x, Tomcat 5.x-8.0, JBoss.
Programming and scripting	C, Java, HTML, XML, SQL, Shell Scripting.

Education:

Bachelor's of Technology in Engineering
JNTU, Hyderabad, India.

Professional Experience:

Specialized Technical Analyst   **August 2016 - Present**
Northwestern Mutual, Franklin, WI

Responsibilities:

- Used SAML and Open ID connect to implement Single Sign On for external and internal applications and facilitated fine access control.
- Created Policies, Realms, Rules and Responses in SiteMinder to protect applications along with the installation of web agents and configuration of ACO's.
- Participated in developing custom Authentication schemes for client facing applications with peculiar authentication and authorization requirement.
- Enhanced the Microsoft ADAL library for authentication to support home grown JAVA applications, this was done to embed the legacy functionality of impersonation.
- Deployed Custom ADAL library as a common service for authentication using Jenkins/Gitlab, so that the applications being deployed in Azure and AWS can use this service.
- Federated web/native/hybrid applications with Azure AD using the Open ID connect protocol.
- Participated in providing SSO design and solutions for different applications migrating to cloud infrastructure, making app's capable of consuming JWT and providing SSO through OIDC.
- Have written custom policies to embed user attributes in JWT token as per the vendor and application team requirements decreasing the overhead on clients to make further DICE calls for user attributes.
- Installed and configured SPS R12.52 as a replacement for Web Agent option pack.
- Have setup federation between Keycloak as service provider and Azure AD as identity provider for SPA applications using microservices.
- Extended SiteMinder authentication to non-browser based (mobile hybrid) applications for REST based web service calls.
- Installed and configured Microsoft provided SDK's (phone factor) on on-premise infrastructure to provide MFA functionality for multiple RADIUS clients and Applications deployed in Azure.
- Integrated multiple RADIUS clients on MFA servers, like VPN, CyberArk, Clearpass, Palo Alto, etc.
- Maintain operational support and perform root cause analysis for issues with the implemented SSO solutions for different Business Partners using multiple Identity solutions.
- Involved in identifying process improvements and provided recommendations for more effective troubleshooting of complex hardware/software problems and documentation.

Environment: CA Siteminder r12.52, Azure AD, Azure MFA, Azure App Proxy, ADFS, Okta, InAuth, Github, Jenkins, HPSM, Cherwell, CA SPS r12.52cr01, CA Authminder, Windows Server 2008/2012.

IAM Engineer   **July 2015 - Aug 2016**
Capital One, Plano, TX

Responsibilities:

- Worked on the project to design, develop and enforce the upgrade of the Enterprise infrastructure from CA SiteMinder R12 to R12.52.
- Successfully implemented Single Sign-on across multi-domain infrastructure.
- Worked on building and supporting Enterprise-wide IAM solutions and Federation Security Services.
- Installed and configured various web agents on Apache, IIS 6, IIS 7 and Sun One web server.
- Configured CA SiteMinder for SAML Federated Partnerships as ID Provider using SAML 2.0
- Installed and configured CA Secure Proxy Server for protecting the resources for shared external facing applications.
- Involved in creating Federation connections using Active Directory Federation Service(ADFS), SiteMinder and PingFederate.
- Worked on Ping Federation in conjunction with SiteMinder adapters to implement various flows of authentication to provide SSO solutions to different clients in different scenarios
- Created HTTP post to get service from webservers and application through ADFS.
- Determine the root cause, implement solutions, and apply patches to resolve authentication, authorization, and performance issues, as well as provide feedback to Computer Associates on SiteMinder product bugs.
- Extensive experience in implementing the password policies and reading the password blob through SM API agent.
- Experience in Troubleshooting urgent priority tickets with minimum response time.
- Involved in setting up monitoring tools for real-time monitoring of SiteMinder Infrastructure.
- Documented technical specifications and procedures for SiteMinder best practices.
- Troubleshooting through SiteMinder test tools and policy server logs and the agent log files.

Environment: CA SiteMinder r12.52 Sp1, CA Secure Proxy Server r12.5, Oracle Directory, IIS 6.0/7.x, Apache 2.x, JBOSS app servers, Windows Server 2003/2008, and RHEL 5.

SiteMinder Consultant   **Nov 2013 - May 2015**
PDX Inc. Fort Worth, TX

Responsibilities:

- Upgraded CA SiteMinder 6.0 to SiteMinder R12 SP3 in the initial stages of my project start
- Created Policies, Realms, Rules and Responses in SiteMinder policy server to protect the applications and validate the users to work under SSO environment.
- Design CA SiteMinder r12 Enterprise infrastructure and provide high availability by configuring Clusters across two different data centers.

- Coordinated with the Service providers and identity providers during the SAML Certificate upgrade and architectural changes.
- Installation and configuring SAML Federated security services and web services for enterprise applications.
- Participated in the planning and implementation phase of the upgrade project and successfully worked thru the implementation in the DEV, TEST and also the Production environment.
- Used a combination of Ping Federation and SiteMinder to provide SSO solutions to SOA applications like Salesforce.
- Worked with PING Identity Solutions to facilitate Federation with 3rd party vendors and external applications.
- Worked on supporting and debugging issues with and implementing SSO solutions with Business Partners using CA SiteMinder and PING identity solutions for the federation setup.
- Participated in developing custom Authentication schemes with Application teams as part of requirement.
- Involved with various vendors to develop SSO solutions for federated setups with external applications.
- Worked on developing a common across the board Enterprise login scheme in conjunction with Windows authentication using enterprise login server architecture.
- Performance Tuning for SiteMinder to provide better response time, low latency, high availability and maximum throughput.
- Work with IIS 6, IIS 7.5, Apache Web Server 2.x, JBOSS App server to deploy the Admin UI for Policy Server.
- Provided OPS support to the SSO architecture and provide monitoring and L2 support for the applications.
- Used tools like CA Wily Introscope for monitoring process.
- Worked towards building, maintaining and providing high availability and the best quality of support for any issues within the scope of the Enterprise Infrastructures
- Worked with SiteMinder engineering team to document technical specifications and procedures for SiteMinder best practices.

Environment: CA SiteMinder r12 Sp3, CA Directory Server 5.2, IIS 6.0/7.x, Apache 2.x, JBOSS app servers, Windows Server 2003/2008, Java, JSP, Solaris 9 and RHEL 4/5.

SiteMinder Developer   **Jun 2012 - Oct 2013**
CTE Global Solutions Private Limited, Hyderabad, India.

Responsibilities:

- Assigned as a consultant to install, configure, upgrade, maintain and support enterprise infrastructure security solutions and middleware solutions on CA SiteMinder r12.0 SP2.
- Siteminder administration for agents, agent configuration objects, logs and cache management.
- Upgraded CA SiteMinder 6.0 to 12.0.

- Involved in setting up policy servers, web agents, and web agent option packs for siteminder federated web services.
- Experience with SAML 2.0 while implementing Federation between Partner Websites.
- Integrate Applications from development to production, assist development teams in identifying and resolving various issues related to SiteMinder.
- Configured the Policy Domains, User directories, Rules, Realms and Policies for protected web resources.
- Worked with SiteMinder federation services to provide the necessary sign on solutions for SSO with external partners.
- Apply Option Packs and Servlet Exec on IIS for Federation with other PHP Products and SAML 2.0.
- Implemented different password policies according to the requirement.
- Deployed applications on clustered environment and performed load balancing.
- Configured failover, load balancing and high availability solution for Policy Servers, Policy Stores and User Stores.
- Worked on Integrating Windows Authentication (IWA) Scheme and Form based Authentication
- (FBA) scheme accordingly to Different vendor's requirements.
- Provided 24x7 support for SiteMinder Infrastructure in staging and production environments.
- Worked with SiteMinder engineering team to document technical specifications and procedures for SiteMinder best practices and future references.

Environment: CA Siteminder r12 Sp2, IIS 6.0/7.0, Apache 2.x, JBOSS app servers, BEA Web logic 8.1, Sun One Directory Server 5.2, Windows Server 2008, Solaris 10 and RHEL 4/5.