

## IAM SECURITY ENGINEER (CLIENT : AMERIPRISE FINANCIAL, ROLE: TECHNICAL LEADER)

### Summary

- More than 4 years of experience of banking & financial services domain in Identity and access management, web security, Single Sign On, Multi Factor Authentication projects.
- Experience in Designing Security Policies and procedures to implement single sign and access management for web applications.
- Experience in full life cycle project development, including requirement analysis, design, coding, testing and implementation and ongoing product support.
- Extensively worked on Security solution Development (Single Sign On) using various CA Siteminder versions including vR6, vR12 and vR12.5
- Worked on Integrated Windows Authentication projects with Microsoft NTLM and Kerberos protocol using CA Siteminder v12.5 and Active Directory.
- Worked on implementing Multi-Factor authentication for an organization using Oracle Adaptive Access Manager.
- Worked on Design and development of SAML based Federation solution for Identity Federation between organizations.
- Proven expertise in Web applications integration for Single-Sign On using CA Siteminder agents - vR6 and vR12 and latest vR12.5 agents.
- Worked on Enabling MFA features (OAAM MFA rule engine) to the Single sign on enabled web applications.
- Worked on Implementing Seamless SSO for multi-domain web applications.
- Worked on integrating more than 150 web applications with CA Siteminder SSO solution.
- Worked on Public Key Infrastructure (PKI) and Public Key Cryptography Standards (PKCS).
- Worked on Java/J2EE solutions to customize the SSO solution based on application requirements.
- Worked on Business Continuity Planning and Disaster recovery and DR Testing.
- Application Performance Management and Authentication and Authorization response times performance testing.
- Worked on Designing product migration strategies and upgraded major components/products such as CA Siteminder vR6 to vR12, CA Siteminder vR12 to vR12.5, CA Federation Manager Upgrade R12.5 to R12.5
- Worked on migrating more than 120 web applications from Siteminder vR6 SSO solution to latest vR12 SSO solution and decommission of legacy vR6 Siteminder solution.
- Worked on Customizing and enhancing product features with Siteminder to meet client needs.
- Hands-on experience in identity management tool, IBM ITIM v5.1 and ISIM 6.0. And Sun One Directory Server 5.2 (LDAP) and Oracle Directory Server Enterprise Edition 11g (LDAP).
- Interacted with Customers for requirement gathering and effective analysis.
- Worked at client location USA Minneapolis for more than 12 months.
- Self-motivated and enjoy working in a technically challenging environment. Have excellent Communication and interpersonal skills.
- Excellent work ethics, self-motivated, quick learner and team oriented.

### Highlights

• CA Siteminder vR6, R12 , R12.5

• CA Federation Manager R12 , R12.5

• CA Siteminder WebAgent Option Pack 12.5

• CA Wily APM v9.0.6

• CA Wily SiteMinder Manager v12.0.4.0

• ITIM V5.0 , V5.1, 6.0 (ISIM)

• Oracle Adaptive Access manager 10g, 11g

• IBM Tivoli Directory Integrator 7.1

• SunOne Directory Server 5.2 (LDAP), Oracle Directory Server 11g

Also has POC experience on following tools

• CA Identity Manager (formerly CA IdentityMinder)

• RSA Adaptive Authentication  
Experience

Act I July 2011 to September 2015 IAM Security Engineer (Client : Ameriprise Financial, Role: Technical Leader)  
Hurlburt Field , FL

Description and Responsibilities:

• As part of AITT program, complete web infrastructure being uplifted to latest stack across the organization. It was almost two years program.

• Worked with Various cross commit Teams across the organization on new server's setup, design, analysis.

• Implementing new generation SSO Solution using latest Software stack on new Data center.

Worked on the following the projects under this AITT program:

1.Siteminder upgrade:

Worked on the Siteminder upgrade from v12 to v12.5 - it includes installation and configuration of policy server and WebAgent, policy store upgrade and Audit DB configuration. Migrated more than 140+ WebAgent based application.

2.Federation upgrade:

Worked on upgrade of CA Federation Manager from 12.0 to 12.5 • complete installation and configuration. Migrated more than 50+ SAML based application

3.ODSEE 11g migration :

I was also part of ODSEE 11g directory server installation, configuration, and then migration of data and scheme to new environment server.

4.SSO Code customization:

Worked on IAM Java/J2EE based customized code module conversion to Maven build and deployment into IBM WebSphere application server. I worked on customization of the SSO code for externalizing the environment configuration related property file from EAR.

5.ISIM Customization:

ISIM customization to integrate with SSO code for password related functionalities like “Forgot your password”, “Forced change password”, “One time password” and “Forgot your ID”.

#### 6.CA Wily Installation and configuration:

Mainly I worked on installation and configuration of CA Wily monitoring tool into CA Siteminder Policy server.

Environment: CA Siteminder R12.5, CA federation Manager R12.5, RHEL 6.0, Windows 2008 R2, Apache 2.2.24, IBM WebSphere 7.0, Maven 3 , GIT, CA Wily 9.0.6.5 , ODSEE 11g, Oracle Database 11g, Java, J2EE, Struts 1.2.9, ISIM 6.0

Program: Migration of Web application from CA Siteminder vR6 to CA Siteminder vR12

Customer/Client: Ameriprise Financial, Bangalore, India

#### Description and Responsibilities:

- This program was for setting up a parallel environment with Siteminder R12 and then migrate all the SSO application from SiteminderR6 to R12 environment. It was almost a 1 year program.

- Migration of existing Web applications (More than 120 applications) from R6 SSO to new R12 SSO without any disruption in production.

- De link the vR6 Siteminder SDK API calls and establish the Siteminder API calls using Siteminder vR12 SDK and R12 policy servers.

- Decommission of SSO Siteminder vR6 SSO environment and R6 policy servers.

- Supported appropriate monitoring and alerting functionality for all the migrated applications.

Environment: CA Siteminder vR6, R12, CA federation Manager R12, IBM Tivoli Identity Manager and IBM Web Sphere Application Server (WAS) 6, AIX6.1 and Windows 2008 R2.

Program: Migration of SAML integrated application from CA Federation Manager 12.5 to WebAgent Option Pack 12.5

Customer/Client: Ameriprise Financial, US

#### Description and Responsibilities:

- This program was for migrating all the IDP and SP Initiated application from CA Federation Manager to Siteminder WebAgent Option Pack infrastructure.

- Installation and configuration of WebAgent Option pack in IBM WebSphere Application server.

- Migration of more than 70 SAML 2.0 integrated application into new WebAgent Option pack environment.

- Decommission of Federation Manager on complete migration of all application.

- Supported appropriate monitoring and alerting functionality for all the migrated applications.

Environment: CA Siteminder WebAgent Option PackR12.5, CA federation Manager R12.5, IBM Web Sphere Application Server (WAS) 7.0 , Apache 2.2.24 and Windows 2008 R2.

Program: Unified Service Implementation for Providing Single Sign-On

Customer/Client: Ameriprise Financial, US

Description and Responsibilities:

• This program is an ongoing current project where application going to be integrated to Single Sign-On through Web Service based on Java/J2EE based REST and JSON.

• Design, documentation, POC and code customization.

• Decommission of standard WebAgent based integration for existing application.

• Supporting appropriate monitoring and alerting functionality for all these applications.

Environment: CA Siteminder R12.5, Oracle Adaptive Access Manager, IBM Web Sphere Application Server (WAS) 7.0 , Oracle WebLogic 10g, Apache 2.2.24, Java/J2EE Web Services(REST/JSON).

Standard SSO Integration: Application Integration with Siteminder and Federation Manager/WebAgent Option Pack

Description and Responsibilities:

• Worked on WebAgent based SSO Integration with many application (more than 150+) in Ameriprise. Also, implemented customized SSO solution according to the application requirement.

• Integrated more than 60+ third party application with SAML 2.0 technology with Identity provider Initiated and Server Provider Initiated solution respectively.

• Recently worked on Integrated Windows Authentication with NTLM protocol in Ameriprise network to provide SSO Silent Authentication to Ameriprise portal application. Also did POC on Kerberos protocol to provide the same SSO silent authentication.

Environment: CA Siteminder R12 and R12.5, CA federation Manager R12, IBM Web Sphere Application Server (WAS) 6 and 7.0, AIX6.1, RHEL 6.3 and Windows 2008 R2

Boeing December 2011 to December 2013 Technical Lead  
Springfield

- Program: Ameriprise IBM Technology Transition (AITT) Migration of IAM Ameriprise environment to new environment Customer/Client: Ameriprise Financial, US Description and Responsibilities: As part of AITT program, complete web infrastructure being uplifted to latest stack across the organization.
- It was almost two years program.
- Worked with Various cross commit Teams across the organization on new server's setup, design, analysis.
- Implementing new generation SSO Solution using latest Software stack on new Data center.
- Worked on the following projects under this AITT program: Siteminder upgrade: Worked on the Siteminder upgrade from v12 to v12.5 - it includes installation and configuration of policy server and WebAgent, policy store upgrade and Audit DB configuration.
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TATA Consultancy Services Ltd July 2011 to November 2011 Systems Engineer

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- And Sun One Directory Server 5.2 (LDAP) and Oracle Directory Server Enterprise Edition 11g (LDAP).
- Interacted with Customers for requirement gathering and effective analysis.
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Education

Feb-2013 CA Federation Manager r12.1: Administration 200 Exam Certification(CA Internal) Feb-2013 CA Siteminder R12 Core 200- Exam

Certification(CA Internal) Jan-2013 TCS Internal Java Certification

Star of the Month-May 2013, TCS Bangalore and many on spot recognitions for performance and contribution to the team October-2013 Part of Plate-cup winner Cricket Team -Inter TCS Cricket Tournament (22 TCS Teams- Different TCS Client Teams) Aug-2014 Part of Winning Cricket Team-Client Inter account(All Vendor) Cricket Tournament in Minneapolis Sep -2014 Education Summary Qualification Category Qualification Subject

Bachelor Of Technology B.TECH : Electronics & Communication Engineering Electronics & Communication Engineering Skills

APM v, Active Directory, AIX, AIX6.1, Ant1.5, Apache, Apache 2.2.24, API, CA, conversion, CSS, CSS3.0, Client, Version Control, CVS, Database, Disaster recovery, documentation, Eclipse, XML, features, Financial, HP, HTML, HTML 5.0, HTTP, IBM, Web sphere, IBM Web Sphere, IDE, IIS8, IIS 7, Inspect, Internet Technologies, J2EE, Java, JMS, JSP 1.2, Java Beans, JavaScript 1.2, JDBC 2.0, JNDI, JSON, LDAP, Linux, Load Runner, Log4j, Access, Windows, Windows 2000, Windows NT, Windows XP, Middleware, Migration, Enterprise, network, Operating System, Oracle, DB, Oracle Database, Developer 2.1, Developer, Performance Management, Designing product, Programming, Proxy server, requirement, RMI, scheme, servers, Servlets 2.1, SOAP, Software Engineering, Solaris, MSSQL, SQL, SQL Server, SQL \* LOADER, Struts 1.x, Struts 1.2.9, Sun, Tivoli, Unix, Upgrade, Visio, Web applications, Web Servers, Web Server, WebLogic, IBM WebSphere, IBM WebSphere 7.0, Windows Server