

PRADIP THAPA
PRADIP.THAPA4358@GMAIL.COM

SUMMARY:

- Senior IAM Lead Consultant for large Enterprise Production Environment
- Maintain 4 IAM environments: B2B Enterprise, Consumer and 2 development environments
Architect **Authentication** & Authorization model for over 150 production apps.
- Expertise in Installation, configuration, deployment and maintenance of the PingFederate, PingOne and **Ping** Access. Experienced in installing, configuring SiteMinder policy servers, Web agents, Web Agent Option Packs, Secure Proxy servers, **Ping** federate, **Ping** Access, ODSEE 11g server (LDAP) and various Web & Application servers on Multiple platforms like windows, Unix(solaris), RHEL.
- Hands on experience with IIS, IBM IHS, Apache, Sun One Web servers and WebLogic and WebSphere Application servers in Identity and access management environment. Experienced in SAML based **authentication** 1.1 and 2.0 using PingFederate, SiteMinder Federation and integrate with SiteMinder **authentication** and another adapter.
- Demonstrate a working knowledge of identity and access standards and technology including SAML 2.0, OAuth, OpenID Connect. Implemented Federation Solution using SAML 2.0 PingFederate 6/7.0/8.0/9.0/10 .
- Developed custom **Ping** Federate adapters and **Ping** Federate custom data source drivers using **Ping** Federate Java SDK (IdpAuthenticationAdapterV2 / Custom Data Source Driver /Password Credential Validator).
- Worked on apache web server to make the application URL work with both http and https and protected both secure and non - secure URL's using PingAccess. Client interaction and facility maintenance engagement in Web **Authentication** and implemented Web Access Management Solutions using Azure/AWS or any Identity Access Management tools.
- Experienced in installing Pingfederate on both **Linux** and Windows Platform.
- Experienced in writing OGNL expression to meet the vendor requirement for SAML Assertion and experienced in restricting the access for certain users by writing OGNL expression in the Issuance criteria
- Supporting overall Company IAM Infrastructure which includes various IAM technologies
- Full **Ping** Identity Stack (PingFederate, PingAccess, PingID, **Ping** Directory), Active Directory, Active Directory Federation Server, Azure AD, Azure AD Connect.
- Installed and configured Identity Management SailPoint IIQ and Life Cycle Manager prerequisite software's, SailPoint IIQ.
- Experienced in SailPoint Identity IQ implementation and configuration for application on-boarding for access certification and provisioning.
- Expertise in designing and deploying Identity and Access Management Solution to improve user experience, meet compliance and reduce costs.
- Strong working knowledge of Identity and Access Management technologies - User Management,

Password Management, Account Management, Entitlement Management, and Role Management.

- Hands on Experience with complete user life cycle management i.e. Joiner, Mover, Leaver and Rehire Lifecycle Events.
- Hands on experience with Provision, Access Groups, RBAC(Role Base Access Control)
- Worked on Virtualization tools, which are used to develop proof of concept solutions leveraging VMware Workstation, and Oracle Virtual Box.
- Developed custom workflows (With multi-level approval and time-based escalation for Approval process, profile update and self-service, changing the profile of User and modifications to Groups).
- Performed Integration with multiple applications such as AD, Delimited File and JDBC with different types of databases like Oracle, MySQL.
- Worked on upgrading the latest versions 6.4,7.0,7.1,7.2 of SailPoint and worked on patching 7.0,7.1 versions of SailPoint.
- Experienced in developing applications using Java1.7 and Java 1.6, J2EE Technologies (Servlets, JSP, JSF and Java Web Services), JDK, JDBC, XML, JavaScript, HTML, DHTML, CSS.
- Experience in administration of User and Role Provisioning, Connectors, Workflow, Certificate Management, Session Management, Encryption technologies and directories like LDAP,MS Active Directory.

PROFESSIONAL EXPERIENCE:

T-Mobile, Jersey City, NJ

Aug 2019 – Present

IAM Engineer

Responsibilities:

- Responsible for design and implementation of SailPoint IdentityIQ.
- Involved in SailPoint migration from AARF to 8.0.
- Development of Lifecycle Manager Workflows, Lifecycle Events, Certification Events, Custom Email Templates and Task Definitions.
- Implemented Access Certification, Automated Provisioning and Governance aspects of IIQ.
- Develop complex workflows and service adapters in the SailPoint Identity IQ configuration interface.
- Worked with various application teams to establish connectivity (AD, People soft, salesforce and ServiceNow)
- Implemented Self-service feature, Password management feature, Provisioning feature and forgot password change in SailPoint.
- Managed client requirements and configure SailPoint connectors.
- Rewriting the workflows to encompass the new way of provisioning. Restructured the entire product to reflect direct provisioning across a large number of applications. In the process of upgrading the IdentityIQ product from AARF to SailPoint 8.0.
- SSB (Service standard build) process for customizations developed during the implementation phase.

- Responsible to manage Administration functionality of the SailPoint such as loading data, create roles, create policies, scheduling tasks and certifications and reports.
- Included the improving Identity and Access Management (IAM) capabilities by controlling access to applications and systems that contain critical and sensitive information.
- Assisted in executing the implementation of IAM systems and upgrade to systems as needed.
- Assist in updating (SailPoint IIQ) workgroups and Monitor SailPoint IIQ product functionalities.
- Developed MY SQL and PL/SQL procedures, queries, functions for various database operations.
- Develop and maintain procedures and documentation related to the configurations of various identity management technologies.
- Responsible for integration of new applications into the automated user entitlement review process.
- Involved in knowledge sharing sessions for SailPoint Compliance Manger component and involved in creation of design documents, code reviews.
- Participated in the status meeting and & discussed issues related to SailPoint IdentityIQ with the group.
- Working with client post implementation for user testing, debugging, support, and maintenance.
- Strong development experience in implementing the LCM events workflows, rules and custom reports.
- Assisting with management of project scope, schedule, status and documentation.

Comerica Bank, Boston, MA

Apr 2017 – Jul 2018

IAM Engineer

Responsibilities:

- Manage client requirements and configure SailPoint IIQ connectors for 34+ applications.
- Develop SailPoint deployment and solution architectures.
- Participate in all SailPoint deployment activities - connector configuration, custom rule development, workflow configuration and development, third party system integration.
- Design, implemented a solution which manage the Identity lifecycle of almost all applications with the enterprise, without directly controlling the identity store within the application.
- Creating custom reports, certifications to cater various data feeds.
- Providing technical strategies and roadmaps for badge access systems, CCTV, and visitor management system.
- Achieved SOX and PCI compliance by building a flexible and scalable framework to provide authentication and authorization services while supporting rules/roles/languages requirements for various international countries.
- Design and Implement data import of various types of data files from internal and external target sources for validating access levels.
- Created a Registry for important information on all applications.
- Participate in and/or User Acceptance Testing and bug-related reengineering efforts.
- Perform Installation and configuration of SailPoint IdentityIQ.
- Develop custom SailPoint Build Map Rules and Workflows as per the business needs.

- Setup applications Active Directory, LDAP, Oracle and Flat Files.
- Providing solutions for the changing business requirements.
- Implement REST classes using SailPoint Rest Application.
- Using IIQ Console for operations such as checkout, import, connector Debug etc.
- Used IQService as part Identity IQ for Active Directory (AD) provisioning.
- Setup direct connectors for AD, LDAP, MySQL, Oracle, EPIC.
- Configuration of Roles, Policies and Certifications for governance compliance.
- Responsible for ensuring operational readiness of physical access platforms through reviews and procedures of planning, testing, and implementation management
- Coaches junior level employees on security best practices
- Build and configure SailPoint in-built tasks like aggregation, ID refresh, schedule tasks, correlation, etc.
- Configuration and development of SailPoint Life Cycle Events (LCM).
- Customizing and branding of SailPoint solution.
- Provide knowledge transfer and postproduction support activities, as necessary.
- Installation of SailPoint IIQ in various environments like UNIX and Windows.
- Implemented workflows in IIQ and provisioning in SailPoint IIQ using SAP HR and Active Directory connector
- Provisioning application's requests in IIQ to Create/Amend/Delete user access for the on boarded applications.
- Participated in designing, development and implementing of SailPoint IdentityIQ.
- SailPoint IdentityIQ Installation and Configuration as required by the design solution.
- Implementation of Self-Service feature, Password features (PTA, Forgot Password, Change Password), provisioning feature, configuring various roles and policies in SailPoint.
- OAM (Oracle Access Management) SSO (Single Sign on), ForgeRock OpenAM & OpenDJ.
- Developed/delivered multiple workshops formats for ForgeRock (PoC, Design/Discovery) establishing technical leadership in the IAM space for ForgeRock.

Bank of America, NYC, NY

Feb 2015 – Jan 2017

IAM Engineer

Responsibilities:

- Involved in designing, development and implementation of IdentityIQ 7.0p2.
- Upgraded Ping Federate solution from legacy (6.x) version to new (8.x), 9.x and (10.x) versions.
- Performed POC for PingAccess Authentication Solutions.
- Experience in analyzing IAM logs, IAM application server logs, provisioning server logs to troubleshoot various authentication/endpoint related issues. Co-ordination with Server hosting team if any hardware related issues.
- Assisted multiple applications during any production outage. Handled multiple alerts related to servers in various environments. Assisted Infrastructure Team during any changes. Experienced in Installation and configuration of web agents on Apache, IIS, IHS, WebLogic, Web Sphere and SunOne Webservers.

- Developed custom Ping Federate adapters and Ping Federate custom data source drivers using Ping Federate.
- Worked on moving around 50 applications from OAM to PingAccess 5/6. Implemented lot of other custom features with SecureAuth and MFA like Post authentication for custom attributes and also implementing geo-location.
- Experience with Ping Federate, SecureAuth, MFA and OAM Federation with SAML 2.0, Sp-Initiated, IdP initiated connections setup for SSO in Pingfederate and SecureAuth. Worked on resolving tickets using ServiceNow implementation. Involved in Application development by using connector configurations like Oracle unified directory, delimited, DB, SAP and Active Directory etc.
- Perform SSO connections in Azure AD technology standards with SAML 2.0 (SAML spring framework - backend coding). Execute with programming languages PowerShell scripting to pull data and force sync with Azure AD.
- Upgraded PingFederate from version 6 to 7 and from version 7 to 8, 9.0/10. Developed custom Ping Agent using Ping SDK and Implemented SAML Protection with Digital Signature.
- Implementation on Access control, MFA, creating Active directory (cloud) for app services in azure management portal using RBAC other protocols. Implemented Ping Federate solution with Services like AWS, Service-Now, Salesforce, and Oracle Fusion.
- Worked on OAuth and OpenID Connect solutions using Ping Federate and writing different OGNL expressions to meet the SAML assertion requirement for the vendor's and also restricted the user groups by writing OGNL in the issuance criteria.
- Hands on experience in IAM requirement analysis, implementation of Access Gateways and SAML, Oauth, WSFed and OpenID Connect based integrations using Ping Federate. Implemented OAuth to access the protected API with Access Token by using Different Oauth Grant types.
- Experience in Azure Active Directory (AAD) configuration and management, policies a provisioning, Azure AD Connect, Azure AD, Multi-Factor Authentication (MFA), ADFS, AD DS, AD CS.
- Responsible for provisioning users across endpoints like Active Directory, LDAP, Unix, and RACF/Mainframe along with explore and correlating users from various endpoint.

Wells Fargo, Austin, TX

Feb 2014 – Jan 2015

IAM Engineer

Responsibilities:

- Create Siteminder Active Expressions as required for the company business logic. Create Siteminder Authorization API (Active policy) to authorize the user with custom business logic.
- Involved in configuring mixed mode replication between directory server 5.x and 6.x. Create Perl Scripts by using Perl Policy Management Api to modify the policy store with the new active expressions developed.
- Installed and configured Siteminder User Context Gateway on policy server and IIS web server to work with pc based applications.
- Configured User Context Gateway to provide Single Sign on with PC based applications like Citrix.

- Worked in setting up synchronization between Sun LDAP and Microsoft Active directory using ISW 6.x.
- Involved in setting up password policies and ACIS in directory server 5.x according to requirement.
- Working on .net pages to route Siteminder target using Custom Authentication. Helped in documenting the procedure for migration and replication of directory server
- Configured the Replication for user directories on Sun One LDAP servers and Troubleshooting login,
- Authorization problems using Trace Files in 6.0 or (Log files in 4.51/6) and solve them on timely basis.
- Installing the Siteminder web agent on the web server side as per required and verify trusted host is created properly.
- Developed some scripts for checking the performance in directory server 5.x/6.x
- Troubleshooting the directory server replication and high CPU issues in User Store and Siteminder
- issues and working with CA to resolve the issues.

Bachelor in Mechanical Engineering, University of Baltimore, 2013

PRADIP THAPA

- Queens, NY, US

Contact Information

- 615-jf8-5d5@mail.dice.com

Work History

Total Work Experience: 9 years

- **IAM Engineer T-Mobile**
Aug 01, 2019
- **IAM Engineer Comerica Bank**
Apr 01, 2017
- **IAM Engineer Bank Of America**
Feb 01, 2015
- **IAM Engineer Wells Fargo**
Feb 01, 2014

Skills

- **sailpoint** - 10 years
- **okta** - 8 years
- **ping access** - 8 years
- **ping federate** - 8 years
- **active directory** - 7 years
- **business requirements** - 7 years
- **configuration** - 7 years
- **engineering** - 7 years
- **identity management** - 7 years
- **policies** - 7 years
- **software** - 7 years

- **implementation** - 6 years
- **provisioning** - 6 years
- **adapter** - 5 years
- **database** - 5 years
- **integration** - 5 years
- **procedure** - 5 years
- **salesforce.com** - 5 years
- **servicenow** - 5 years
- **authentication** - 4 years
- **ldap** - 4 years
- **sso** - 4 years

Work Preferences

- Likely to Switch: False
- Willing to Relocate: False
- Work Authorization:
 - US
- Work Documents:
 - US Citizen
- Security Clearance: False
- Third Party: False
- Employment Type:
 - Full-time
 - Part-time
 - Contract - Independent
 - Contract - W2
 - Contract to Hire - Independent
 - Contract to Hire - W2
 - Contract - Corp-to-Corp
 - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice: <https://www.dice.com/employer/talent/profile/809ccaf98b49318165cf62f6f1d327ab>