Identity and Access Management

PERFORMANCE PROFILE

* Around 7 years’ professional experience in Identity and Access Management.
* Skilled in Okta provisioning, SSO, MFA, AD, and Azure AD.
* Served as the primary point of contact for Okta authentication flow design and troubleshooting.
* Managed Okta production tenants.
* Hands-on experience with Java and Python application sign-in flows.
* Knowledgeable in using Okta Access Gateway for header and native applications.
* Installed Okta Access Gateway servers and administered the Admin Node.
* Customized sign-on policies based on groups for different applications using OAG.
* Worked with F5 load balancer as an OAG for native apps.
* Experience with SCCM 2012 R2, Office 365, Exchange 2010
* Configured F5 LTM and APM modules for various on-prem applications.
* Developed an API Access Gateway to secure Okta API endpoints from customer-facing applications.
* Experienced in both workforce and customer-facing sides of an enterprise.
* Secured publicly exposed enterprise APIs with Okta authentication and authorization techniques.
* Integrated multiple B2C applications with Okta and managed user life cycles using Okta API calls.
* Linked multiple SFDC instances and SFDC portals with Okta for end-to-end access management.
* Implemented end-to-end user life cycle management using SailPoint and Okta.
* Automated end-user life cycle management with Okta workflows.
* Proficient in Java, .Net, Angular, and Python for integrating on-prem applications with Okta.
* Migrated multiple applications from SiteMinder to Okta.
* Experienced in the Apigee platform for custom API development.
* Knowledgeable in SAML, OpenID Connect, and OAuth based applications.
* Integrated Okta with Active Directory Agent, Password Sync Agent, and LDAP Agent.
* Implemented an Org2Org connector application to transfer users from one Okta organization to another (Hub/Spoke configuration).
* Proficient in managing B2C applications and assignments to users or groups using API calls.
* Skilled in authentication, authorization, and role-based access control (RBAC).
* Retrieved necessary information from different Okta tenants using API calls.
* Experienced with IAM data model, SAML 2.0, and IDaaS tool sets (e.g. Okta, OneLogin).
* Knowledgeable in developing, configuring, deploying, troubleshooting, and managing enterprise applications with Okta and SailPoint.
* Expert in installation and configuration of AD agents within Active Directory.

PROFESSIONAL EXPERIENCE

**IAM Engineer**

*Cotiviti, Remote* **May 2020 – Current**

* Migrated all the applications that are behind to G-Suite to OKTA to provide Authentication to all the applications.
* Worked as Admin dealing with user issues by ticket-based system.
* Integrated Azure AD with OKTA for all enterprise users.
* Senior understanding of Active Directory, Azure Active Directory and ADFS.
* Integrated single sign (SSO) for new enterprise applications via LDAP, ADFS, Azure.
* Troubleshooting application errors along with OKTA API flows as production support.
* Integrated Custom build applications to OKTA by enabling SAML protocols to all the Applications.
* Custom coded the GitLab instances which are hosted on internal servers to work with OKTA for provisioning and Authentication.
* Completed new Azure Active Directory single sign-on (SSO) configurations, troubleshoot Azure AD Sync connector, and managed Azure Federated SSO connections.
* Designed and implemented different flows for applications that are native (which does not support any of the Authentication flows) to Authenticate with OKTA Credentials.
* Administered users’ logins and User Access to multiple applications days to day.
* Guiding Application administrators to understand the SAML/OpenID flows and working with them closely to setup the configurations to OKTA.
* Updated Active Directory Schema from Windows server R2 in Production environment.
* Worked on setting up the AD agents and Worked on AD by pushing Users and groups from OKTA to AD.
* Managed the password and session policies based on the Enterprise password policies.
* Been as a point of contact for any OKTA related issues and solved them on call.
* Maintained OKTA as a source of truth, along with synching the password to AD by using password sync.
* Integrated all the 40+ applications within the enterprise to OKTA along with Slack, Jira, Confluence, Salesforce, Zoom.
* Have setup MFA for all applications in scope to Okta such as Okta push, Okta verify, SMS authentication, voice call authentication and security questions.
* Integrated Okta with G-suite for provisioning and de-provisioning including assigning/re-assigning licenses.
* Have integrated substantial number of applications for Okta provisioning via API. Have created different API tokens and share same with application team to configure at their end for successful integration.
* Managed user AD group membership using Okta push groups.
* Integrated with Okta to enable Single Sign on and Multi Factor Authentication.

**Environment:** Okta, Identity IIQ, IDNow, Java, Okta, AD, OPEN ID, LDAP, SAML, Apache, TOMCAT, Windows Server, Linux, Unix, My SQL, Oracle, XML, REST Web Services, HTML, CSS, Bean Shell Script

**Okta IAM Consultant**

*EXIM Bank, Remote* **Aug 2018 – May 2020**

* Implemented OKTA Access Gateway for the Native applications.
* Defined customized rules within OAG based on the application resource level sign on policies.
* Customized sign in pages at both application level as well as Enterprise Tenant level.
* Spinning up new OKTA tenants from the scratch for Customer Applications.
* Build OKTA Infrastructure for Workforce and implemented Multiple MFA polices and Sign on Polices.
* Customizing the login pages for different applications with the help of OKTA hosted sign in widget.
* Migrated customers along with their passwords to OKTA UD from AD without effecting the customer daily flow.
* Use standard Unix tools to research issues.
* Designed OIDC flows around the enterprise for Homegrown applications and helped in reducing the footprint of applications and reduced the SCIM connections.
* Designed OIDC flows to provide run time User Sessions for Employees and Contractors.
* Hands on experience with Workflows to automate some of the operations that cannot be performed by OKTA OIN Integrations.
* Designed Registration flows for Customer facing applications with the help of Workflows and implemented real time sync to the App databases.
* Implemented Customer Life cycle management (Registration, Forgot Password) with the help of OKTA API’s.
* Worked with Org-Org connector and implemented password sync along with user migration.
* Worked on both custom authorization server and Default authorization server.
* Implemented application level custom attributes for OIDC applications and reduced the cost by using default authorization server instead of custom authorization server.
* Installed multiple AD Agents and hand on troubleshooting experience from the server level.
* Customizing the OKTA Tenant along with Custom Email Domain and Custom Email templates.
* Gathering the Use cases from application teams and designing Access management design documentation for Application teams.
* Involved in end-to-end Okta architecture workflow.
* Configured CA API portal, implementation of REST based security policies.
* Gathered requirements from different application teams for Okta integrations.
* Integrated Okta with salesforce, box, G-suite for SSO, MFA & provisioning purpose
* Integrated Various SaaS application via SAML and OpenID.
* Enabled Multifactor (MFA) enrollment policies and enforcement for various applications based on profile both at application and okta level.
* Designing the framework for New Hire Onboarding and Off Boarding Process via Workday as a Master using Okta.
* Met with application teams to integrate Okta SSO and provisioning to reduce environment footprint.
* worked as a team player to address day to day operational activities.
* Automate user and group provisioning, deprovisioning, and updates by ServiceNow and Okta orchestration.
* Enabled multi-Factor Authentication for users in both Application level and Okta level.
* Engaged with firewall team to define IP zones for internal & external network and blocked blacklisted IP’s
* Imported all AD groups into Okta defining rules and manage user group membership via Group Rules

**Environment:** Okta, Identity IIQ, IDNow, Java, Okta, AD, SSO, Servicenow, Apache, TOMCAT, LDAP, SAML, Windows Server, Unix, Linux, SQL, Oracle, XML, REST Web Services, HTML, CSS, Bean Shell Script

**IAM Consultant**

*Verizon, Remote* **Aug 2016 – Aug 2018**

* Deployed Okta tenants for different user types: Normal Users, ADM accounts, service accounts, and craft workers.
* Integrated over 60 AWS applications with API calls using shared secret keys.
* Deployed a .gov tenant for Nuclear power plant user lifecycle management.
* Integrated Okta SSO for over 270 applications with MFA enabled at both the Okta level and app level.
* Integrated Okta provisioning for various applications, including Salesforce, BOX, Workday, AD, Okta Org2Org, and SAP.
* Used OPP agent deployments and a SCIM connector to manage all provisioning and de-provisioning activities in SAP.
* Integrated Okta with Workday using API credentials for real-time sync and batch import.
* Integrated Okta with CyberArk and provisioned users into unmanaged endpoints using push groups.
* Installed 8 AD agents and 4 Radius agents to support VPN and CITRIX requests.
* Blocked blacklisted IPs by engaging with the firewall team to define IP zones.
* Integrated various applications using custom SAML, including Splunk, Nexpose, Dome 9, Workplace, BOX, WebEx, and Teem.
* Defined Okta rules for segregation of duties and birthright provisioning of users into downstream applications.
* Imported AD groups into Okta and managed user group membership via group rules.
* Set up MFA for all applications in scope using various methods, such as Okta push, Okta verify, SMS authentication, voice call authentication, and security questions.
* Integrated Okta with O365 provisioning and de-provisioning, including license assignment/re-assignment.
* Integrated substantial number of applications for Okta provisioning via API using different API tokens.
* Integrated Okta with CITRIX Gateway via RADIUS (UDP) instead of SAML.
* Managed user AD group membership using Okta push groups.
* Created multiple dashboards globally on the SIEM platform (Splunk), including dashboards for Admin activities.
* Integrated Okta provisioning for Salesforce and salesforce knowledge applications.
* Integrated O365 with the latest Microsoft ADFS plug-in instead of SAML, per business requirements.
* Enabled Single Sign-On and Multi-Factor Authentication by integrating with Okta.

**Environment:** OKTA, SSO, AD, CITRIX, LDAP, SAML, Splunk, ADFS, SQL, UNIX, LINUX, Windows.

EDUCATION

Master of Science in Digital Forensics and Cyber Analysis

George Mason University

Bachelor of Science in Cyber Security Engineering

George Mason University

TECHNICAL COMPETENCIES

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| **Tools** | * Okta, Identity Minder 12.6[…],14.0, Governance Minder 12.6[..] |
| **Application Servers** | * JBoss EAP 6.1, 6.4, BEA WebLogic 8.1 SP2, IBM WebSphere (WAS 5.x, 6.x) |
| **Directory Servers** | * Sun ONE Directory Server (5.1, 5.2), Azure AD, Azure SSO, Microsoft Active Directory, Tivoli directory server, CA and Provisioning Directory. |
| **Web Servers** | * Apache (1.3.x, 2.2x), MS IIS (4.x, 5.x, 6.x), iPlanet (5.x, 6.x), IBM HTTP Server (6.x) |
| **Web Browser Debugging Tools** | * Fiddler, Fire Bug, IEHTTP Headers |
| **Programming Languages** | * PYTHON, JAVA, HTML, SQL, UNIX shell Scripting, |
| **Applications** | * MS Office suite, Eclipse, PuTTY, MremoteNG, SoapUI, Apache Directory Studio, Postman, GitHub, Ansible |
| **Operating Systems** | * Microsoft Windows Family, Solaris (8x, 9x, 10x), Red-Hat Linux |