**D Sai**

**Azure admin/IAM Engineer/M365 admin/SQL DBA**

**Professional Summary:**

* Over 8+ years of experience in Azure Active Directory, Active Directory, SQL server Admin ,Windows Admin , Oracle SQL , Oracle Admin , PostgresQL.
* Experience in managing and supporting On-Prem Exchange infrastructure, Exchange online, PowerShell scripting, Azure AD management, Office365 suite services, Intune configuration, Cloud Identity Management, Azure AD Connect, MS Teams, Conditional Access Management, and Level 3 escalation support.
* Experience with AAD Connect, SharePoint Online, O365 EMS, PostgreSQL and Windows defender, DLP, Azure AIP and ATP.
* O365 Security & Compliance Experience – working with Azure Information Protection policies and labels, Conditional Access Policies, PIM.
* Experience with Azure AD security controls, Azure AD Conditional Access, Privileged Identity Management, Intune, Cloud Access Security, and DLP.
* Experience with Azure Analytics and Logging.
* Experience in installing and configuring Virtual machines in Microsoft Azure Cloud service platform.
* Design ESAE Administrative Forest to implement access and control restrictions .Responsible production support of Active directory (AD), GPO, GPP, Domain users, Users and groups and given appropriate permissions, shares and privilege to access LAN and Domain environment.
* Strong Experience in Data Center Migration.
* Experience in deploying and supporting PKI Infrastructure and certificate management in large organizations (EFS, SCEP, SSL certificates and personal certs for encryption).
* Hands on experience in installing and configuring Azure AD, AAD Connect, ADFS and ADFS Proxy component, setup ADFS for SSO to support various types of authentication protocols.
* Strong expertise with automation of various AD/Exchange using PowerShell scripts.
* Experience in designing and implementing AD Sites Topology, Domain Controller Strategy, and Branch office Infrastructure and Services.
* Good Experience in designing a Forest and Domain Infrastructure, Group Policy Strategy, Active Directory Permission model and Restructuring.
* Ability to maintain and manage virtualization environment using MSFT Hyper-V, VMWare ESX and VCenter Web client.
* Experience in designing DHCP solution, IP Address Management Solution, VPN, Web Application Proxy Solution, Monitoring Strategy and Direct Access Solution.
* Experience with migration of databases from HP-UX to Sun Solaris, and Windows to Linux.
* Expertise in administering the MS SQL Server by Creating User experience in SQL Server Database Administration/ Development using MS SQL Server Management Studio2012, 2008 R2, Management Studio 2005, Enterprise Manager 2000.
* Hands on experience in troubleshooting high CPU utilization and memory utilization issues.
* Experience in troubleshooting and resolving database integrity issues, performance issues, blocking and deadlocking issues, log shipping issues, connectivity issues, security issues, index management.
* Strong knowledge in implementing different types of Replication Models such as Transaction, Snapshot and Merge in SQL Server 2012, SQL Server 2008R2, 2005in OLTP environments with appropriate roles, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
* In depth knowledge and understanding of web-based technologies like web applications, web services and network.
* Excellent oral and written communication skills.
* Team player with multi-tasking ability in catering to simultaneous requests from various members across teams like PMO, Development, Testing and Training teams.

**TECHNICAL EXPERTISE:**

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| --- | --- |
| **MS Windows Servers** | **Windows Server 2000/2003/2008/2008R2/2012R2, and 2016** |
| **Backup** | **Commvault and IBM Tivoli Storage manager** |
| **LDAP Directories** | **Active Directory** |
| **Tools & Technologies** | **Micros of ten point manager, Redshift ,**  **Security & compliance, Azure ATP, Exchange, share point, MS Teams , Oracle** |
| **MDM** | **Intune and JAMF** |
| **Scripting Languages** | **Power Shell,VB- Scripting and Bash Scripting** |
| **Databases** | **SQL server 2000/2005,2012, DB2 , MS Access and Snowflakes** |
| **Networking** | **DNS, WINS, DHCP and TCP/IP.** |
| **Virtualization** | **Hyper-V, VMware , PostgreSQL** |
| **Ticketing Systems** | **Service Now,CA Service Desk, Lotus notes, Tracer, FCRM, and Remedy** |

**Professional Experience:**

**Dell IR, CO**

**Sr Database Admin/ Sr Systems administrator .Jan 2023 to till date**

* Involved in migration of the data to MSSQL Server 2000, 2005 & 2008, 2012, 2014, 2016, 2017, 2019engines from Microsoft Access.
* Managed & worked on reports deployed on MSSQL Reporting Services Report Server.
* Performed large batch jobs and tuning of SQL queries and database systems.
* Created user accounts, roles and granting required access permissions and privileges to the users.
* Partitioning and re-organization of table and indexes.
* Creating custom MSSQL TSQL Scripts to alter data related to the respective servers and DBA’s.
* Involved in designing logical and physical data models using Erwin.
* Migrated databases from HP-UX to Sun Solaris, and Windows to Linux.
* Regularly monitored servers, which includes Backup Job Monitoring and troubleshoot all the issues on regular basis.
* Applied SQL Server service packs based on the errors and flaws that are found in the application.
* Set up and configure database instances and environments.
* Implement security measures during installation.
* Resolved various performance issues and running DBCC commands, spotlight monitoring tools.
* Administered the MS SQL Server by Creating User experience in SQL Server Database Administration/ Development using MS SQL Server Management Studio2012, 2008 R2, Management Studio 2005, Enterprise Manager 2000.
* Proficiency in implementing CI/CD pipelines using tools like Azure DevOps, Jenkins, or GitLab CI/CD.
* Implemented Database Mirroring and Log shipping with SQL server 2012, 2008 R2, 2005.
* Strong knowledge in implementing different types of Replication Models such as Transaction, Snapshot and Merge in SQL Server 2012, SQL Server 2008R2, 2005in OLTP environmentswith appropriate roles, monitoring the user accounts, creation of groups, granting the privileges to users and groups. SQL Authentication.
* Created maintenance plans Full Backups and Transaction Log Backups. Restored them whenever necessary, creating back up strategies and scheduling them for execution.
* Hands on experience in troubleshooting high CPU utilization and memory utilization issues.
* Experience in troubleshooting and resolving database integrity issues, performance issues, blocking and deadlocking issues, log shipping issues, connectivity issues, security issues, index management.
* Routine DBA activities like analysis of Space Availability, Backups (transaction log, complete) and Scheduled Jobs.
* Monitored Clusters and troubleshot Clustering Issues, performing failovers.
* Migrating and Syncing the Active Directory objects from on premises AD to Azure AD (Cloud) using the AAD Connect Server.
* Configured SQL Server Reporting Server, Database Mails to send notification for alerts.
* Create and manage database user accounts and roles.
* Designed and modeled databases using PostgreSQL /SQL Server. Used Vue.js for UI element encapsulation in insurance applications.
* Managed policy and claims data within PostgreSQL /SQL Server databases, enabling efficient retrieval, storage, and processing of insurance-related information.
* Audit and track user activity within the database.
* Managed databases on Exadata X5 and X7.
* Proficient in using tools such as celcli and dcli in Exadata.
* Worked on Oracle Materialize Views, Oracle Golden Gate and Oracle Active Data Guard.
* Participates in the development improvement and maintenance of snowflake database applications
* Build the Logical and Physical data model for snowflake as per the changes required
* Monitored databases using 13c cloud DB control and via shell scripts.
* Handled requests for database creation/deletion, table creation/deletion, database reorganization, user management, permissions, backup/restore, job scheduling etc.
* Provisioned new SQL server installation, configuration, optimization, performance tuning, clustering, high availability configuration (AOAG).
* Provided SQL support to application to troubleshoot production issues.
* Database maintenance like index rebuild/reorganize, data integrity verification, disk capacity planning, shrink/expand transaction logs.
* Applied latest patches/service packs/cumulative updates to production SQL servers and monthly service restarts / AOAG failover – failback.
* Monitor SQL health (deadlocks, long running queries, page life expectancy, parallelism, cost of threshold, memory, etc.)
* SQL server version upgrades.
* Handled ad-hoc request from Project Managers, Managing Consultants like generating report, executing queries, etc.
* Database consolidations.
* Alerts & notifications setup for SQL Servers.
* Used AWS Data Pipeline and Amazon Kinesis Data Fire hose to implement real-time data ingestion into an Amazon Redshift cluster, reducing data processing time by almost 50%.
* Kinesis uploads the data into S3, and Glue and Athena will process the data to RedShift for reporting, Data Science, and ML. We have Integrated CloudWatch and CloudTrail to monitor the health of the Redshift cluster.
* Experience with Azure AD security controls, Azure AD Conditional Access, Privileged Identity Management, Intune, Cloud Access Security, and DLP.
* Implemented the PowerShell scripts for the bulk modification for the Active Directory user and computer object attributes to facilitate synchronization to Azure AD.
* Create and maintain database instances, schemas, and table spaces.
* Implemented downstream capture at the destination database using Oracle Streams.
* ProductionSupport&EnhancementstothewebsitedevelopedinASP.Net, JavaScript, HTML, SQL Server 2000/2005, Oracle 10g.
* Configured and backed up database using RMAN, Hot backups, Cold backups and Logical backup.

**Environment**: Azure, Azure Data Factory, azure synapse, performance tuning, ADLS gen2, dataflow jobs, copy activity, lookup activity, Data Flow, linked services, logic apps, Event Hub, Databricks, Snowflake, PySpark, Python, PyCharm, JIRA, GitHub.

**BMC USA Jul’21-Dec’22**

**Azure admin, SQLadmin**

**Responsibilities:**

* Responsible for configuring, operating ,and maintainingM365 services.
* Responsible for Configuring Authorization & Authentication in Microsoft hybrid environment and experience with Azure AD including Single Sign On (SSO) and Multi Factor Authentication (MFA)
* Operations and maintenance of enterprise M365 infrastructure, including configuration, upgrades, level-3 troubleshooting, conditional access management, and modern desktop management solutions (MAM/MDM)
* Configuring, troubleshooting, and supporting of Exchange Online, Teams, One Drive for Business, Planner, Power Apps, Power BI, and Azure Active Director
* Provide L3 support for MSFT teams, Exchange Online protection, One Drive, SharePoint online and all the services enabled in O365 E3 and E5 license subscriptions.
* Day to day administration of M365, Intune (Microsoft End point manager), Azure AD including policy &configuration changes, MicrosoftBit locker Administration & Management (MBAM).
* Creation and maintenance of Azure AD security groups for endpoint management.
* Configuring and deploying Intune Application Protection Policies.
* Configured and deployed Conditional Access Policies.
* Experience supporting Microsoft Enterprise Mobility Suite + Security (EMS), Active Directory/Identity, Windows Defender Advanced Threat Protection (D-ATP), Office 365 Advanced Threat Protection (ATP), or related endpoint security solutions & comprehensive threat protection technologies.
* Deploying polices and packaging the applications using JAMF for Mac computers.
* Integrating SaaS based applications with Azure AD.
* Configuring App Registrations (Creating custom roles read/write permissions).
* Used Log Analytics edit and run log queries against the Azure Monitor Logs store.
* Responsible for reviewing logs and performing analysis of the azure products.
* Reviewed monthly investments of Azure subscriptions and recommended cost optimization options.
* Scheduled and performed routine cloud service analysis to ensure smooth operations.
* Involved in migration of the data to MSSQL Server 2000, 2005 & 2008, 2012, 2014, 2016, 2017, 2019engines from Microsoft Access.
* Managed & worked on reports deployed on MSSQL Reporting Services Report Server.
* Performed large batch jobs and tuning of SQL queries and database systems.
* Designed and modeled databases using PostgreSQL /SQL Server. Used Vue.js for UI element encapsulation in insurance applications.
* Leveraged S3 for Storage layer, Glue for data processing and catalog purpose, Lake Formation for producer & consumer permissioning model, Athena, Redshift & EMR for consumption.
* Addressed various performance issues on server less components like Athena, Redshift Spectrum with AWS product team.
* Created user accounts, roles and granting required access permissions and privileges to the users.
* Regularly monitored servers, which includes Backup Job Monitoring and troubleshooting all the issues on regular basis.
* Applied SQL Server service packs based on the errors and flaws that are found in the application.
* Resolved various performance issues and running DBCC commands, spotlight monitoring tools.
* Created maintenance plans Full Backups and Transaction Log Backups. Restored them whenever necessary, creating back up strategies and scheduling them for execution.
* Hands on experience in troubleshooting high CPU utilization and memory utilization issues.
* Experience in troubleshooting and resolving database integrity issues, performance issues, blocking and deadlocking issues, log shipping issues, connectivity issues, security issues, index management.
* Routine DBA activities like analysis of Space Availability, Backups (transaction log, complete) and Scheduled Jobs.
* Monitored Clusters and troubleshot Clustering Issues, performing failovers.
* Configured SQL Server Reporting Server, Database Mails to send notification for alerts.
* Shared data outside using Snowflake to quickly set up to share data without transferring or developing pipelines.
* Strong experience in migrating other databases to Snowflake.
* Handled requests for database creation/deletion, table creation/deletion, database reorganization, user management, permissions, backup/restore, job scheduling etc.
* Provisioned new SQL server installation, configuration, optimization, performance tuning, clustering, high availability configuration (AOAG).
* Provided SQL support to application to troubleshoot production issues.
* ProductionSupport&EnhancementstothewebsitedevelopedinASP.Net, JavaScript, HTML, SQL Server 2000/2005, Oracle 10g.
* Managed policy and claims data within PostgreSQL /SQL Server databases, enabling efficient retrieval, storage, and processing of insurance-related information.
* Database maintenance like index rebuild/reorganize, data integrity verification, disk capacity planning, shrink/expand transaction logs.
* Applied latest patches/service packs/cumulative updates to production SQL servers and monthly service restarts / AOAG failover – failback.
* Monitor SQL health (deadlocks, long running queries, page life expectancy, parallelism, cost of threshold, memory, etc.).

**Microland Limited Feb’19–July’21**

**AD Engineer/Windows admin/SQL dba**

**Responsibilities:**

* Responsible to analyze & review AD security and reduce excessive admin privileges by segmenting the user’s credentials in to privileged tiers.
* Participated in anticipating, mitigating, identifying, trouble shooting and resolving hardware and software issues on servers in a timely manner.
* Patch management activity and involved in change activity when it required
* Troubleshooting Mail flow,Mail delay and exchange data base issues
* Troubleshooting the sync issue and resolving Azure objects creation errors
* Troubleshooting the mail flow using the hub queue and resolving the issues related to outlook calendar and Free or busy.
* Provide 2nd level or escalated support for LDAP authentication, O365 Licensing, Trust relationship and other implementation and operational related issues.
* Created and maintained service catalogs to help users understand the delivery, cost and service level of the services to be deployed.
* Troubleshooting role based and control restrictions by implementing custom app specific GPOs to enforce access to servers using restricted groups.
* Responsible for vulnerability scanning and Remediation, Technical Standard Assessment of Domain Controllers, and audit of privilege group members.
* Identify and investigate the hardware and software related issues by performing root cause analysis and finally implement an action plan for the resolution and dissemination of conclusions.
* Responsible for providing the support for planning, managing and troubleshooting of High Available Systems, Network, Storage Solutions, Failover Clustering, Business Continuity and Disaster Recovery Solution.
* Created user accounts, roles and granting required access permissions and privileges to the users.
* Partitioning and re-organization of table and indexes.
* Applied SQL Server service packs based on the errors and flaws that are found in the application.
* Implemented Database Mirroring and Log shipping with SQL server 2012, 2008 R2, 2005.
* Hands on experience in troubleshooting high CPU utilization and memory utilization issues.
* Monitored Clusters and troubleshot Clustering Issues, performing failovers.
* Applied latest patches/service packs/cumulative updates to production SQL servers and monthly service restarts / AOAG failover – failback.
* Monitor SQL health (deadlocks, long running queries, page life expectancy, parallelism, cost of threshold, memory, etc.)

**T-Systems Aug’18-Feb’19**

**AD & AAD Consultant, Associate SQL DBA**

**Responsibilities:**

* Maintaining and managing the Active Directory User and Computer Objects by using the PowerShell and Dell Active Roles.
* Migrating and Syncing the Active Directory objects from on premises AD to Azure AD (Cloud) using the AAD Connect Server.
* Providing the access and updating the user/computer object attributes and container (OU) movements while troubleshooting the sync issues.
* Troubleshooting with the authentication issues to the user while accessing the applications and the computers using Splunk logs and VDI logs.
* Monitoring and checking the replications status, backup status and health of all the Domain Controllers which are both physical and Virtual machines.
* Manual registering/setting the SPN (Service Principal Name) for the SQL services to authenticate with the Active Directory Domain Services.
* Implemented the PowerShell scripts for the bulk modification for the Active Directory user and computer object attributes to facilitate synchronization to Azure AD
* Creating and updating the sync rules in the AD Connect Sync Rule Editor for User, Contact, Groups, Devices and Distribution Groups
* Creating custom MSSQL TSQL Scripts to alter data related to the respective servers and DBA’s.
* Applied SQL Server service packs based on the errors and flaws that are found in the application.
* Troubleshooted high CPU utilization and memory utilization issues.
* Configured SQL Server Reporting Server, Database Mails to send notification for alerts.
* Provisioned new SQL server installation, configuration, optimization, performance tuning, clustering, high availability configuration (AOAG).
* Applied latest patches/service packs/cumulative updates to production SQL servers and monthly service restarts / AOAG failover.
* Performed SQL server version upgrades and Database consolidations.

**BMC Aug’15–Aug’18**

**Active Directory Engineer/Jr SQL dba**

**Responsibilities:**

* Provide technical expertise in all aspects of AD, Azure AD, AAD Connect, Conditional Access, Hybrid Identity Model of O365 and overall infrastructure stack in which the company operates and support.
* Perform assessment activities which include identifying, assessing, designing, implementing, and supporting complex infrastructure change initiatives across the enterprise.
* Responsible for developing, documenting, and enforcing the standards, security procedures and controls for access to ensure integrity of Identity and Authentication systems.
* Provide support with solutions on ping federate for authentication with SAML, OAuth, OpenID, and Kerberos.
* Managing and troubleshooting Microsoft windows active directory, DNS, DHCP services on windows server 2003/2008 and 2012 platforms.
* Provide technical support in AD Migration, Consolidation, Integration, Upgrade and Decommission.
* Work with AD dependent application teams to plan and coordinate the upgrade and migration.
* Responsible for providing the support for planning, managing, and troubleshooting of High Available Systems, Network, Storage Solutions, Failover Clustering, Business Continuity and Disaster Recovery Solution.
* Review current state of AD DS infrastructure and outline the future state.
* Assist in restructuring of Active Directory objects by performing the inter and intra forest migrations.
* Conduct disaster recovery planning and take timely backups for Bare Metal restoration of OS.
* Established connection from Azure to On-premise datacenter using Azure Express Route for Single and Multi-subscription connectivity.
* Proactive planning and managing server hardware, OS upgrades, software drivers and hardware firmware upgrades.
* Defining, implementing Backup-recovery methods and disaster recovery procedures, tests, and plans.

**Visakhapatnam steel plant Oct ‘13-Mar’14**

**Trainer Systems Administrator/ Windows Administrator.**

**Responsibilities:**

* Hands-on experience in Deployment, requirement gathering, Installation administration.
* Maintaining and managing the Active Directory User and Computer Objects by using the Power Shell and Dell Active Roles.
* Migrating and Syncing the Active Directory objects from on premises AD to Azure AD (Cloud) using the AAD Connect Server.
* Providing the access and updating the user/computer object attributes and container (OU) movements while troubleshooting the sync issues.
* Creating and managing Exchange objects.
* Troubleshooting with the authentication issues to the user while accessing the applications and the computers using Splunk logs and VDI logs.
* Monitoring and checking the replications status, backup status and health of all.
* Implemented the Power Shell scripts for the bulk modification for the Active Directory user and computer object attributes to facilitate synchronization to Azure AD.
* Trouble shooed AAD connects delta and full cycle sync issues as they arise and validate data integrity.
* Involved in building, maintaining, and monitoring the various Windows Servers with Operating Systems of windows 2008/ 2012.
* Performed monthly patch installations on the servers using the Microsoft WSUS patch distribution services.
* Executed the IQ, OQ, PQ (Installation Qualification, Operational Qualifications, Performance Qualification.
* Responsible for ensuring that the infrastructure solutions in Development, Test and production Environments adhere to technical standards by working with various other teams.
* Upgraded the NIC cards for the VMs and the versions of hosts & clients.

**Education:**

Bachelors Of Technology – KL University (Vijayawada) –2015

Masters in computer science –SVU California – 2017