

Mannathan Sekar

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Career Objective

More than 8+ years of experience in cloud infrastructure, network administration, and security. Skilled in designing, deploying, and managing scalable cloud solutions while ensuring high availability, performance, and compliance. Expertise in automation, networking, and security best practices across hybrid and multi-cloud environments.

Experience

Lead System Analyst at Customer Analytics Pvt Ltd Chennai, from Nov 2021 to Till Date

- Experience in Cloud administrator of Azure, AWS, and Network administrator, windows server and Security.
- Designing, implementing, troubleshooting, and managing for Azure and AWS large and medium level organization account.
- Conducting security assessments and ensuring data protection and regulatory compliance.
- Azure services such as Virtual Machines, Storage, SQL Database, App Service, Azure Active Directory, Application Gateway, Virtual network gateway etc.
- Monitored and troubleshoot Azure resources using Azure Monitor, Log Analytics, and Application Insights for proactive issue resolution.
- Configured and managed Azure networking (VNet, NSG, VPN, Load Balancers) for secure and efficient cloud connectivity.
- AWS services such as EC2, S3, IAM, VPC, EBS, Lambda, RDS, Route 53, CloudFront, VPN connections etc.
- Deployed and managed web applications and services on AWS Elastic Beanstalk, leveraging its managed platform for automatic capacity provisioning, load balancing, and auto-scaling.
- Experience with database services like managing backups, scaling, and performance optimization.
- Configured and managed VPN gateways for site-to-site and point-to-site connectivity, ensuring secure and reliable access to cloud resources.
- Configured, maintained, and optimized network infrastructure, including routers, switches, firewalls, and VPNs, ensuring high availability and security.
- Designed and implemented end-to-end CI/CD pipelines using Azure DevOps for

automated build, test, and deployment processes.

- Upgrading firmware of firewall, switches, IAP and servers.
- Expertise in configuring and managing Azure Active Directory, Azure AD B2C, Multi-Factor Authentication (MFA), Conditional Access policies, and Azure AD Connect for hybrid identity scenarios.
- Deploy and manage Active Directory Domain Services (AD DS) across both on-premises and cloud environments.
- Windows Server operating systems including Active Directory, DNS, DHCP and Group Policy.
- Implement firewalls, IDS/IPS, and secure coding practices to protect networks and applications from cyber threats.
- Design and implement security controls, vulnerability management, and risk assessments to protect IT infrastructure.
- Optimized cloud and network infrastructure to reduce operational costs by implementing cost-effective resource scaling, automation, and reserved instances.

Senior Network Engineer at Precision Infomatic(M) Pvt Ltd, Chennai.

Onsite Support |The Ramco Cements Ltd, Corporate Office. March 2019- Nov 2021

- Working as cloud administrator on Microsoft Azure environments, involved in Azure AD Connect configuring virtual machines, Storage accounts and Azure resource groups.
- Design, deploy, and manage Azure IaaS and PaaS solutions to support the organization's infrastructure needs.
- Assisted in the migration of on-premises network infrastructure to Azure, ensuring seamless integration and minimal disruption.
- Experience in AWS provisioning and good knowledge of AWS services like EC2, S3, ELB, RDS, IAM, Route 53, VPC.
- Configured Elastic Beanstalk environments with automatic scaling policies to dynamically adjust capacity based on application load and traffic patterns.
- Configuration of Azure Virtual Networks, Subnets, Network Security Groups.
- Implementation VXLAN from DC to DR with Aruba switches.
- Migration SD-WAN, Spoke to Hub with ADVPN in FortiGate.
- Configure and maintain FortiGate branch firewall's in Forti Manger.

- Maintaining more than 90 Branch office Network devices of customer.
- Managed on-premises and cloud-based infrastructure, focusing on migration to Azure cloud services.
- Involved in Data centre migration activity. Configure IP-sec Tunnels, GRE, and BGP.
In case of issues, following steps to make to up state.
- Involving network-related cost-effective management.
- Created and maintained technical documentation regarding network configuration, network mapping, and service records including IT Service CatLog, SLA, and Operational Level Agreement.

Network field engineer at SRS computers, Chennai. April 2016-February 2019

- Involving network-related cost-effective management.
- Configuring and troubleshooting VLAN, Inter VLAN routing.
- Configuring Static and default routing for various deployment scenarios.
- Configuring Point to Point wireless LAN implementations.
- Troubleshooting and solving networking issues TCP/IP, DNS, DHCP, Layer 2 and Layer 3 devices.
- Escalated issues handled with technical support with concern products.

Technical Skills

- Azure and AWS Infrastructure.
- Microsoft Defender of Cloud, Intune, WAF.
- Watchguard, FortiGate and SonicWall firewall.
- Switching, Routing and VPN.
- AD, DNS, DHCP and Radius server.
- OS – Windows and Linux.

Education

- M.Sc (Information technology), DG Vaishnava college with 72% year 2014.
- B.Sc (Mathematics), Annai Veilankanni's college Chennai with 70% year 2012.

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