

Sirish Yadav

Network and Systems Administrator

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Skills

Azure entra ID Experienced

Network Implementation Expert

Linux administration Experienced

Network Security Experienced

Scripting languages Skillful

Bash Experienced

Network Monitoring Expert

Firewall Configuration Expert

Performance Tuning Expert

Disaster Recovery Experienced

VoIP Solutions Expert

Network Design Expert

Network Automation Expert

Load Balancing Experienced

Bandwidth Management Expert

Incident Management Skillful

Network Virtualization Experienced

Compliance Standards Experienced

Troubleshooting Methodologies Expert

Professional summary

IT Network & Systems Administrator with 4+ years of experience overseeing enterprise IT infrastructure across on-premises, cloud, and hybrid environments. Skilled in managing and securing networks, servers, virtualization platforms, and cloud services to ensure high availability, performance, and scalability. Proficient in Microsoft Azure administration, identity and access management, endpoint compliance, and hybrid networking. Adept at implementing security best practices, optimizing system performance, and leveraging automation and monitoring tools to support business operations.

Employment history

IT Network and Systems Administrator, The 401 Group of Companies

JUL 2025,CAMBRIDGE

- Administer and maintain enterprise network infrastructure, including LAN/WAN architecture, VLAN segmentation, VPN connectivity, firewall configurations, and enterprise-grade wireless systems.
- Design and implement WAN and LAN strategies that ensure secure, high-performance, and scalable connectivity across all corporate locations.
- Build Azure Entra ID environments from scratch, including tenant setup, identity architecture, conditional access, role-based access control, and hybrid integration with on-premises Active Directory.
- Develop and deploy company-wide security, compliance, and configuration policies for both on-premises and cloud-based systems, including Microsoft 365 and Azure environments.
- Manage Windows Server, Linux, Azure Virtual Machines, and related infrastructure to maintain operational efficiency and uptime.
- Configure and maintain virtualization platforms (VMware, Hyper-V) and enterprise storage solutions.
- Implement security measures such as MFA, endpoint protection, firewall rule management, and regular patch cycles.
- Plan, test, and maintain backup, disaster recovery, and high-availability solutions to protect business-critical services.
- Participate in the planning, design, and implementation of new network projects, migrations, and infrastructure upgrades.
- Maintain comprehensive technical documentation, network diagrams, and asset inventory records.
- Utilize automation and scripting (PowerShell, CLI) along with monitoring tools (Azure Monitor, Log Analytics, PRTG) to streamline operations and improve service delivery.

Network Policy Development Expert



Quality of Service Expert



Routing Protocol Optimization Expert



User Training Expert



Network Scalability Expert



System Integration Experienced



Microsoft Intune Expert



Azure RBAC Experienced



Conditional Access Policies Expert



Enterprise Application Management Experienced



Access Reviews & Entitlement Management Experienced



Windows Autopilot Expert



Links

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Networking Specialist, Fibernetics Corporation

2022 – PRESENT, CAMBRIDGE, ONTARIO

- Installed, configured, and supported enterprise LAN/WAN infrastructure, ensuring consistent uptime through proactive monitoring and maintenance.
- Troubleshoot advanced routing protocols, including BGP, OSPF, and EIGRP.
- Maintained and supported IP-based PBX systems using NEWT technologies.
- Consulted with clients and service teams to define network specifications, router configurations, and VoIP readiness.
- Implemented, integrated, and operated PBX systems, including SIP trunking, VLAN tagging, QoS, and static IP assignments.
- Managed auto WAN failover, SD-WAN, and multiple carrier connections (T1, DSL, FTTN/FTTP).
- Resolved an average of 150 Level 3 network tickets weekly for high-profile clients and Ontario data centers.
- Utilized META SAS trace, CACTI, META voice switch gateway, and PTF for PBX, NOC, and intercarrier routing troubleshooting.
- Designed and deployed complex networks with detailed mapping and post-deployment documentation.
- Conducted site audits to assess readiness for PBX deployments (power, rack space, cabling, internet connectivity).
- Installed and configured PBX systems, routers, switches, VoIP phones, and firewalls.
- Performed cable termination, labeling, and rack mounting to industry standards.
- Verified WAN connectivity and tested DSL, T1, and fiber links in coordination with carriers.
- Maintained detailed installation records, wiring diagrams, and verification checklists.
- Collaborated cross-functionally in network design, troubleshooting, and implementation, leveraging Cisco routing and switching expertise.

Tier 2 support specialist, Rogers Communications

2021 – 2022, KITCHENER, ONTARIO

- Assist clients with connectivity issues (ethernet, cable issues).
- Assist clients with Rogers modem connectivity issues, setup, and usage.
- Handle Tier 2 help desk escalations through tickets or phone.
- Manage user accounts and configure hardware as part of the onboarding process. Resolved complex Tier 2 technical issues, improving client satisfaction and reducing escalation rates through systematic problem-solving and in-depth analysis.
- Streamlined user onboarding process by developing efficient account management protocols and hardware configuration techniques, enhancing overall system efficiency.
- Provided expert guidance on connectivity troubleshooting, empowering clients to resolve ethernet and cable issues independently, fostering self-sufficiency.
- Partnered with cross-functional teams to address escalated help desk tickets, ensuring seamless issue resolution and maintaining high service standards.
- Drove continuous improvement in support quality, implementing best practices that led to measurable increases in first-call resolution rates.

Education

Post Graduate Diploma in Wireless Network Infrastructure, Conestoga College

2020 - 2022, KITCHENER

A specialized program focused on the design, deployment, and management of wireless communication systems. Covered key areas such as cellular technologies, wireless LANs, network security, signal propagation, and infrastructure planning for enterprise and service provider environments.

Bachelor's degree in Electronics and Communications Engineering, JNTU

2018 - 2022, HYDERABAD

A comprehensive engineering degree that provided a strong foundation in electronic circuits, communication systems, signal processing, embedded systems, and telecommunications. Emphasized both theoretical concepts and practical applications in modern electronics and networking.

Post Graduate Diploma in Project Management, Conestoga College

2022 - PRESENT, KITCHENER

Focused on core project management principles including project planning, execution, monitoring, and closure. Covered methodologies such as Agile and Waterfall, risk and resource management, budgeting, scheduling tools (e.g., Microsoft Project), and team leadership techniques aligned with PMI standards.

Certifications

Cisco certified network Associate (CCNA) at CISCO

Azure AZ-104 in progress at Microsoft Azure