



Position Title: Senior Network/System Analyst

Position Type: Regular

Location: Mississauga, ON

Job Band: 10

Salary Range: \$ 43.39/hour to \$56.67/hour

Hours of work: 36.25 hours/week

Reporting to: Manager, Information Technology

This posting is applicable to: Internal/External Applicants

Skilled Trades Ontario (STO) is a Crown agency responsible for skilled trades certification in Ontario, which includes:

- **Establishing apprenticeship programs**, including training standards, curriculum standards and certification exams.
- **Administering apprenticeship programs**, including approving apprentices and sponsors, registering training agreements and assessing applications for apprenticeship program completion.
- **Issuing certificates of apprenticeship** to completed Ontario apprentices.
- **Assessing experience and qualifications** of individuals who have not completed an apprenticeship program in Ontario.
- **Administering exams**, including certifying exams, in all trades subject to certifying exams.
- **Issuing Certificates of Qualification** in all trades with certifying exams.
- **Renewing Certificates of Qualification** in compulsory trades.
- **Maintaining a Public Register** of people authorized to work in compulsory trades.
- **Researching** apprenticeships and the trades.

Reporting to the Manager of security and Infrastructure, the Senior Network/System Analyst is responsible for the design, implementation, support, and continuous improvement of all Skilled Trades Ontario's network and security infrastructure including but not limited to the Azure cloud and M365 environments. This includes all aspects of the infrastructure including M365, computing capacity, network efficiency and performance, Identity and access management, automation, and security apparatus and systems. Meeting established SLAs as well as maintaining regulatory compliance and best practice across the enterprise.

The analyst will serve as a subject matter expert for the Azure cloud and M365 infrastructure services. Plan and manage medium size infrastructure and security initiatives. Provide advanced support for all STO systems and other IT teams to meet their objectives.

Responsibilities:

Infrastructure System Operations and Management

- Design, test, deploy, and manage all Azure resources including but not limited to Virtual Machines, Virtual Networks, Application Gateways, Load Balancers, and Azure Firewall and third-party Azure add-ons.
- Implement and maintain current best practices in identity and access management. Including but not limit to Entra ID, Conditional Access, Identity Protection, Multi-factor authentication and Single Sign-On (SSO).
- Automate infrastructure deployments using ARM templates, Bicep, or Terraform.
- Monitor all system capacity, performance, issues and errors using Azure and other tools to meet established SLA and regulatory compliance.
- Capture and analyze system performance with Azure Log Analytics, Application Insights and other tools to optimize performance and prevent unplanned service interruptions and system intrusions.
- Develop and maintain all technical system documentation and enforcing industry best practices.

Microsoft 365 & SharePoint technical system integrations

- This includes the Dynamics 365, Office 365, MS Power platform, Purview and all included offerings.
- Oversee the deployment, configuration, and technical system upgrades of the Microsoft 365 service platform.
- Monitor and enforce policies, standards, best practices for Microsoft 365 systems.
- Review and recommends updates and revisions to the Security and infrastructure manager.
- Provide system level technical support and collaborate with other IT teams to meet business stakeholder's requirement.
- Develop and maintain configuration, security, operational technical documentation.
- Ensure adherence to best practices for the M365 platform.

Enterprise Security and Regulatory Management

- Implement, enforce and maintain current security best practices to meet all applicable regulatory requirements.
- Ensure that all security systems and appliances are up to date, patched and monitored
- Enforce security best practices using Microsoft Intune, Defender for Cloud, Sentinel, and Azure Policy.
- Implement and update controls to meet ITS security requirements. Meet Payment Card Industry compliance and organizational and regulatory standards.
- Monitor and remediate vulnerabilities across all STO network and infrastructure.

Disaster Recovery & Business Continuity

- Implement and maintain backup and disaster recovery solutions on both Azure and M365 services.
- Test and update business continuity and disaster recovery plans regularly.

Collaboration & Support

- Act as escalation point for complex Azure and Microsoft 365 incidents.
- Work with application, support, security, and networking teams to deliver reliable and secure solutions.
- Provide technical mentorship and training to IT staff on Azure technologies.
- Maintain all STO infrastructure documentation, build and run books, and detail infrastructure diagrams.

Innovation & Continuous Improvement

- Evaluate and recommend new network, infrastructure services to improve efficiency, scalability, security and cost-effectiveness.
- Lead proof-of-concept projects and prepare business cases for cloud modernization initiatives.

Qualifications:

- Degree or diploma in Information Technology or related field.
- 6+ years of IT infrastructure experience, with at least 3+ years specializing in Microsoft Azure.
- Microsoft Azure certifications: AZ-700 and AZ-104 are required; AZ-305 is preferred.
- Proven track record leading Azure infrastructure deployments and enterprise cloud projects.

Skills Include:

General Knowledge of:

- GO-ITS 25.0 General Security Requirements.
- GO-ITS 25.21 Cloud First Principles.
- GO-ITS Information Technology Standards.
- Ontario Digital and Data Directive.
- Enterprise Risk Management Directive.
- Freedom of Information and Protection of Privacy Act.

Deep Knowledge of Microsoft Azure Services:

- Compute, Networking, Storage, Security, and Monitoring.
- Azure Active Directory, Entra ID, MFA, Conditional Access.
- Azure Security Center, Sentinel, Defender for Cloud.
- Infrastructure as Code (ARM, Bicep, Terraform) and automation (PowerShell, Azure CLI).
- Strong understanding of all infrastructure and security, compliance, and governance frameworks.

- Experience integrating and managing large-scale Azure environments with enterprise workloads.
- Excellent troubleshooting, problem-solving, and communication skills.

*This job is represented by OPSEU

*Only those candidates selected for an interview will be contacted.

How to Apply: Please forward your resume by **5:00PM EST on November 24, 2025** to careers@skilledtradesontario.ca. Only applications submitted via email will be accepted. Be sure to quote the following competition number in the subject line of your email: **Senior Network/System Analyst – STO-044-25**.

We thank all applicants for their interest and will contact those whose skills, knowledge, and experience most closely match the requirements of the position.

Skilled Trades Ontario embraces diversity and is committed to creating an inclusive workplace. Our goal is to attract, develop and retain highly talented employees from diverse backgrounds, allowing us to benefit from a wide variety of experiences and perspectives. In accordance with the Ontario Human Rights Code, Accessibility for Ontarians with Disabilities Act, 2005, and Skilled Trades Ontario's Accommodation Policy, accommodation will be provided at any point throughout the hiring process, provided the candidate makes their accommodation needs known to Skilled Trades Ontario. We welcome applications from all qualified persons.

Skilled Trades Ontario is an equal opportunity employer.