Senior Network & Security Analyst

Requisition	R0000192697
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 17, 2026
Last day to apply	December 17, 2026
Posted deadline	December 18, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

As a Senior Network and Security Analyst you will provide consistent levels of organizational and technical expertise necessary for the successful implementation, maintenance and support of the critical network and security infrastructure services across all global RBC Intranet (Core, LAN/WAN, Server Farm), Internet (Surfing, E-commerce), and Extranet environments. The primary responsibilities of this role is to provide advanced level technical support for troubleshooting, and implementing configuration changes across a variety of vendor platforms. You will be regularly working with clients, business partners, escalation teams (implementation/engineering), and vendors to resolve incidents/problems, perform root cause analysis, and deliver infrastructure changes across the global RBC Enterprise (North & South America, Caribbean, Europe, Asia-Pacific).

Responsibilities

- Response to Network Events and Incidents of the First-Level Support Service, Internal and External Clients and Business Partners
- Conduct root cause analysis with supplier engineers and climbing teams for major incidents and recurring problems, and implement permanent solutions
- Management of incident ticket queues/problem/change of team in line with established SLAs
- Implementation of network and security infrastructure configuration changes across the global company
- Conduct audits to ensure consistency of network management systems, documentation and configuration
- Creating/improving support documentation and ensuring shift reports are documented and kept up-to-date for major network-related outages
- Participate in 24 x 7 on-call rotational shifts including evening and night shifts.
- Participation in meetings and training sessions to review and understand new technologies and deployments of services

Qualifications

Requirements

- Excellent understanding of TCP/IP, including inspection of packets/ protocol analysis using packet parser for troubleshooting is highly desired
- Strong understanding and troubleshooting capacity of L2/L3 protocols (ARP, HSRP, VRRP, STP, BGP, VRF, OSPF, VPC) in a Cisco environment
- Good understanding of application protocols such as DNS, DHCP, HTTP, FTP, TLS, etc.

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- Knowledge of security concepts such as NAT/PAT, IPSEC, SSL, DDoS, IP Spoofing, etc.
- Excellent understanding of the OSI model
- Experience working with the following network and security appliances/vendors:
- Load balancers (F5 LTM/GTM, Citrix Netscaler),
- Firewall (Catalon Control Point, Palo Alto)
- Cisco IOS and NX-OS Converters and Switches
- Arista, Cisco ONS 15454, Symantec ProxySG/SSLV, FireEye MPS, Arbor Pravail, Cisco Firepower IDS, Infoblox, Neustar, Cisco ACI. Ciena Optical, Juniper Pulse Secure, Fortinet FortiGate, Akamai CDN is considered an asset
- The fluence of programming languages and automation tools (Python, Ansible, etc.) is considered an asset

Assets

- Strong working knowledge and knowledge of Cisco UCS, FCOE, VSAN, VDC, vPC, VXLAN, Cisco ACI, VMware is considered an asset
- College or university degree in information technology, particularly in the field of telecommunications
- CCNP R&S/DC certification or equivalent level of knowledge

Pay and benefits

RBC teams aim to grow by working together, thinking ahead and giving dependable advice that helps clients and communities prosper. They support one another, develop their potential and strive for outcomes that benefit the communities they serve as well as the bank.

- A total compensation program with competitive pay, bonuses and flexible benefits, plus commissions and stock where applicable.
- Managers who coach employees and help them find opportunities to develop.
- Capacity to make a difference and sustainable impact
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- A world-class financial services training programme
- Flexible work/life balance options
- Opportunities to do challenging work
- Opportunities for progressively fulfilling greater responsibilities
- Opportunities for close relationships with clients
- Access to a variety of job opportunities across business and geographies

Job Skills

RBC accepts applications until 11:59 p.m. on the day before the posted deadline.

Our Employment Opportunities

RBC works as One RBC and follows five shared values: putting clients first, integrity, collaboration, respect and excellence. As one of the world’s largest and most successful banks, it sees inclusion and different perspectives as important to continued growth. RBC supports staff in doing their best work, working together, innovating and developing professionally. Its policies and programs foster respect, belonging and opportunities for everyone to create value for clients and communities.

Talent community

People who join RBC’s talent community can receive new postings, career advice and recruitment event updates tailored to their interests.

RBC’s careers portal shares information about career paths and how its teams contribute to client and community well-being.

RBC is accepting applications for an existing vacancy. Qualified applicants may hear from the recruitment team for a more detailed review of their résumé.

Search for requisition R0000192697 on the RBC careers portal.

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