

# WE'RE HIRING!



## Network Engineer - Toronto

Dominion Voting Systems is looking for an experienced, tech-savvy **Network Engineer** to join our Development Team in Toronto! In this position you will be accountable for the overall system readiness, maintenance, configuration, and deployment of all of Dominion Voting's Democracy Suite online/cloud services (i.e. remote voting, election night reporting, auditing, and reporting services) which utilize our physical colocation centers in the US and Canada. This position will work with cross-functional teams in Engineering, Certification, Operations, Sales, and IT to ensure the overall system is up-to-date, ready for demos, tested, backed-up, and hosted.

### Responsibilities

- Develop and provide high-level technical operational expertise capable of addressing complex customer issues, including creative "out of the box" solutions to unforeseen problems.
- Involvement in projects such as benchmarking new technologies, deployment automation and network system architecture.
- Setup, configure and monitor SQL Server Database replication between collocation centers included in DNS failover.
- Take an active part in support system automation, deployment, and continuous integration tools.
- Install and configure operating systems & application software.
- Install and configure windows cluster and SQL Server Failover cluster.
- Configure network adapters so they can handle requests to multiple IP addresses
- Install and configure IIS on both load balancers and web servers.
- Install and configure Network load balancer and Request Routing module it can distribute incoming requests to registered web farm
- Install and configure SSL certificates, and configure SSL certificates usage in IIS.
- Configure Application Request Routing module so it can properly route traffic to different domains and response to monitor request from DNS failover authority.
- Troubleshoot and resolve server/network issues related to solutions deployed in collocation centers.
- Develop tools and scripts to improve the efficiency of operational tasks such as new application deployment.

### Qualifications

- Bachelor degree in Computer Science, Information Technology, or equivalent is required
- 3+ years of experience with web applications or distributed applications or the equivalent knowledge in network administration
- In-depth knowledge of election operations and automated election systems is preferred
- Experience using database technologies (preferably MS SQL Server) to configure SQL Server Failover Cluster and Replication
- Experience with Microsoft technologies (.NET architecture, Web apps/services/configurations, PowerShell, etc.).
- Experience with mail server configuration and management (Zimbra and Exchange preferably)
- Experience with virtual infrastructure, including virtual machine templates, and machine teardown.
- Experience analyzing and strengthening existing infrastructure for reliability, availability, security, and scalability.
- Experience with server hardware and RAID systems configuration.
- Ability to code and script, to include automation scripting utilizing PowerShell.
- Willingness to work unconventional hours (more than eight hours a day, at night and on weekends as needed).
- The ability to travel domestically and internationally up to 15% of the time is required.

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