

JOB OPPORTUNITY

VELA
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NETWORK ENGINEER

Location: Chicago

Overview

Vela is a leading independent provider of trading and market access technology for global multi-asset electronic trading. Our software enables clients to successfully execute on their trading strategies and manage risk across multiple fragmented markets, liquidity pools, and data sources. We help firms successfully differentiate and innovate in an ever-changing, increasingly-regulated and fiercely-competitive landscape, while also reducing total cost of ownership.

Vela's ticker plant, execution gateways, trading platform, and risk and analytics software deliver a unique, ultra-low latency technology stack for electronic low-touch and Direct Market Access (DMA) execution and pricing. We leverage the latest innovations in technology to deliver cutting-edge performance, features, and reliability. Our modular stack is accessed through a single set of trading, data and risk APIs and can be delivered as-a-Service from multiple co-location data centers globally.

With access to more than 200 venues, Vela provides global coverage across all major asset classes. Clients are supported by an award-winning team of technical and business experts available 24x7 from our multiple offices in the US, Europe, and Asia. Vela's clients include traders, market makers, brokers, banks, investment firms, exchanges, and other market participants.

Job Profile

In this role you will be part of a multi-disciplinary team that is responsible for all areas of Infrastructure within the company, supporting corporate, development and production environments using a wide range of technologies and platforms to maintain both systems and networking infrastructure.

This is a business-critical role that will involve tackling challenging, unique situations on a daily basis and will require interaction with multiple stakeholders spanning all teams in the company. As a network engineer on the Infrastructure team you will be responsible for approx. 200 network devices including routers, switches, firewalls and various security devices – spanning 8 offices and 11 data centers globally.

As a member of the Infrastructure team you will contribute to the daily operations of all areas of the company by maintaining corporate networks, development networks for the Software Development, Testing and Client Support teams and production networks for hosted products and external clients.

The successful applicant will also be responsible for coaching team members by providing technical direction on network related issues and representing the Infrastructure team by providing guidance from a networking capacity on required projects.



Key Accountabilities

- Perform day-to-day network administration and maintain all network and security devices and systems.
- Architect and participate in the implementation of technologies and platforms supporting corporate, development and production infrastructure to meet the company's current and future requirements.
- Serve as one of the primary points of contact for networking issues and handle issue escalations that require direct network administration, with particular emphasis on troubleshooting network problems and outages.
- Work with vendors providing network support to troubleshoot and resolve issues or roll out changes to hosted production environments.
- Understand key drivers behind business change and assist with planning and implementing network changes to support business decisions.
- Collaborate with team members to identify innovative ways to improve practices and procedures.
- Proactively manage own tasks and projects to agreed deadlines.
- Professionally represent the infrastructure team as a technical network consultant.
- Document the design, operation and troubleshooting of technology platforms and procedures.

Knowledge, Skills & Experience Required

Essential:

- Solid technical background with 4+ years' experience in a hosted services environment including infrastructure networks, hardware and telecommunications.
- Strong experience in installing, configuring and maintaining network services, equipment and devices.
- Proven experience with Juniper, Cisco, Arista devices.
- Experience with routing protocols including but not limited to BGP / OSPF.
- Good understanding of subnetting, VLANs, VLAN tagging, NAT.
- Strong experience configuring IPSec VPNs, GRE tunnelling.
- Demonstrate good network security practices.
- Ability to collaborate with stakeholders across a wide variety of teams in a fast paced environment.
- Ability to gather relevant information systematically to troubleshoot and resolve issues.
- Capable of working effectively and efficiently in a team environment.
- Contribute to technical aspects of project delivery, planning and risk management.
- Effective communication, interpersonal and organisational skills.

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- Degree in Computer Science, Software or Electronic Engineering or other related discipline; or a proven track record of practical experience in a similar environment.

Desirable:

- Experience configuring and making use of networking monitoring/ troubleshooting tools such as Gigamon/NetScout.
- Data center experience including racking and patching of devices.
- Knowledge and experience configuring and maintaining Checkpoint, Cisco ASA firewalls.
- Knowledge of multicast, PIM, IGMP.
- Understanding and experience of PTP.

Further Information

For more details on our organization, please visit our website: [TradeVela.com](https://www.TradeVela.com)

Vela Trading Systems is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability.