

Role Profile

IT Infrastructure Engineer

A2X is looking to hire an IT Infrastructure Engineer who will be responsible for A2X's IT Infrastructure as well as provide networking assistance to our clients, vendors and various third parties from an onboarding as well as ongoing operational perspective.

Responsibilities:

- » Work with A2X's clients and vendors to connect them to A2X's various Exchange Platforms which include, the Customer Test, Production and DR environments
- » Provide ongoing technical support to connected clients and vendors to ensure they can successfully connect with A2X on a daily basis and to resolve issues efficiently when they arise
- » Work closely with the A2X IT Ops Team to resolve any issues that may arise from the A2X application environment as a consequence of a server or network failure
- » Configuration and maintenance of switches, routers and firewalls
- » Support and maintenance of key Windows and Linux server environment
- » Support and maintenance of compute and storage infrastructure for virtual environment
- » Systems capacity planning; creating and maintaining a scalable system for Test and Production
- » Systems monitoring and alerting technologies and automation of configuration

➤ A2X MARKETS

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Reg. No. 2014/147138/07 **Directors:** K Brady*, N Matyolo, A Mendelowitz, SA Melnick, R Kisten (* Executive)
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- » Prepare and maintain up to date documentation for internal and external customers detailing configuration of deployed solutions.
- » Ensure all backup processes are being run successfully
- » Manage and support corporate security infrastructure
- » Manage small to medium projects
- » Out-of-hour's work will be required as necessary, either in the office or in A2X's datacentres.
- » Provide technical assistance to internal staff

Required Skills/Experience:

- » Experience in a network support role, having achieved CCNA or similar qualification
- » Proficiency working with the following:
 - » Routing and switching (BGP, OSPF)
 - » Access control lists
 - » Network Address Translation
 - » Network monitoring solutions
 - » IPSec and firewall policies (Fortinet or similar appliances)
 - » Packet capture and analysis
 - » System administration experience within a Linux / Unix environment
 - » PXE boot, kickstart, DNS, iSCSI, Spacewalk or RedHat Satellite
 - » Virtualization technologies such as VMWare or Proxmox
 - » Demonstrate good problem-solving skills as well as identifying problems in advance, and proposing solutions
 - » Strong analytical and organizational skills, with passionate attention to detail
 - » Demonstrate strong verbal and written communication skills
 - » Team player, ability to multitask, prioritizing multiple objectives and initiatives



- » Must be a self-starter, be proactive and provide innovative ideas to improve A2X's Infrastructure

Advantageous

- » Experience with Arista Switches
- » Database administration, (MySQL) in replicated environments
- » Scripting with Python and Bash
- » Experience with low latency systems
- » Experience with Atlassian tools (Jira, Confluence, Bitbucket).
- » IP Multicast experience (PIM, MSDP, IGMP)
- » Experience with Cybersecurity best practices and threat awareness