

JOB DESCRIPTION

Job title:	Infrastructure Engineer.
Department:	IT Infrastructure.
Location:	Beaconsfield.
Working hours:	9.30am to 6pm Monday to Friday.
Reporting to:	Head of IT
Direct reports:	N/A.
Main purpose(s) of job:	<p>The Infrastructure Engineer is responsible and accountable for the smooth running of Sargent-Disc's computer systems within the limits of requirements, specifications, costs and timelines.</p> <p>This is a hands-on role with responsibility for the implementation and maintenance of the company's computing needs with a passion for networking, improve existing Linux skills and a desire to gain additional skills in other areas such as SAN technology & Windows.</p> <p>The role requires proven skills, professional experience and a detailed knowledge of industry's best practice processes.</p>
Main tasks and duties:	<p>Essential:</p> <ul style="list-style-type: none"> • Manage internal and external information technology and computer systems including: <ul style="list-style-type: none"> ○ Strong experience of network configuration and management in a current role. ○ Experience of firewall configuration and management. ○ Current CCNA / CCNP certified or equivalent (experience of Netgate firewalls). ○ Switch management (stacked/edge switches) ○ Monitor, troubleshoot, and optimize network performance, ensuring high availability and minimal downtime. ○ RHEL / CentOS Linux Servers (SAMBA / Apache / Wildfly). ○ iSCSI SAN Technologies. ○ Clustered virtualized environment (based on Xenserver or Xcp-ng). ○ Splunk Logserver. ○ System monitoring. ○ Microsoft AD and Remote Desktop Services (W2019). ○ Experience of Bash scripting. <p>Desirable:</p> <ul style="list-style-type: none"> ○ MySQL, MSSQL and Postgres databases. ○ Mailserver (M365/Exchange) ○ Container based infrastructure (Docker / Kubernetes). ○ IP Based PBX and phone system. ○ Linux certifications ○ Experience of Cloud based environments (AWS)

	<ul style="list-style-type: none"> ○ Dell server hardware ● Maintain the company's DR infrastructure including performing scheduled testing. ● Monitoring of key systems to ensure availability and capacity requirements are met so that the business can perform in an efficient manner. ● Implement and manage network security policies, including VPNs, Firewalls, and intrusion prevention systems. ● Manage and maintain network documentation, configurations, and processes in line with regulatory and compliance standards. ● Be responsible for the scheduling and prioritisation of I&O tasks and the allocation of resources to complete those tasks within given timescales. ● Perform regular system updates, patching, and vulnerability assessments to maintain a secure network environment. ● Work closely with the cybersecurity team to ensure network resilience against evolving threats. ● Work closely with the Head of IT, C.I.S.O. and Directors to develop, implement and coordinate systems and procedures. ● Ensure systems and procedures conform to the company security policies including security of data, network access and backup systems. ● Audit systems to identify problematic areas and implement strategic solutions in time. ● Ensure systems are available to meet company Service Level Agreements. ● Be available to troubleshoot / rectify any issues that affect the ability of the company to adhere to their SLA's out of std working hours where necessary. <p>This list is not exhaustive, and other duties may be required commensurate with this position as roles evolve.</p>
Person Specification:	<ul style="list-style-type: none"> ● Experience of networking, especially Netgate 7100/8300 pfSense Plus appliances ● Proven working experience or relevant experience ● Excellent knowledge of technical management, information analysis and of computer hardware/software systems. ● Experience with the systems detailed above. ● Hands-on experience with computer networks, network administration and network installation ● Ability to support/manage personnel – experience of managing teams / supervisory responsibilities. ● Relevant professional qualifications ● ITIL experience. ● Team focused; motivated; innovative; diligent. ● Enjoys working in a fast-paced and time pressured environment. ● Exceptional organisational skills. ● Pays strong attention to detail. ● Excellent time management and communication skills.