

Job Title:	Data Centre Networking Engineer
Reporting to:	Core Infrastructure Services Team Manager
Date:	June 2021

Brief overview of the role:	<p>This is an exciting opportunity to join a well-established UK based SME working with one of our strategic partner Universities with global campuses. You will be working with leading edge technologies in a dynamic and busy world leading University. The successful applicant will have the opportunity to work on Networks that support global research projects from medicine to engine design and much more.</p> <p>The Datacenter role is a new position. It is required to bring DC skills into the Network Operations Team to provide operational support to the wider University and to support the Development team and architectural functions in transitioning from traditional networking technologies to modern Datacenter and Campus architectures and technologies.</p> <p>Embarking on an ambitious network refresh transformation as well as a rolling program of Greenfield and brownfield builds along with integrating with a brand-new Campus that is being commissioned in Dubai.</p> <p>This represents a fantastic opportunity for the right candidate to understand and support the existing environment as part of a multiskilled team and be a key team member in the required operational transition.</p> <p>The role is to support the Universities aims and strategy and be a champion within the team to promote new technical skills and knowledge.</p>
Duties and Key Activities	<p>Routine duties include but are not limited to;</p> <ul style="list-style-type: none"> • Review and Document Existing Service • Suggest Improvements and timeline • Implement improvements. • Work with the CIS team to implement new Virtual units • Transition above skills into wider operational support and mentor/train existing staff in the changes/improvements. • Ensure that all monitoring of the service is effective and meets the establishment needs. • Diagnose, troubleshoot, and maintain DC networks and interfaces. • Support and assist on the proposed network refresh from an operational perspective. • Update/Produce documentation on the services and architectural/functional diagrams. • Documentation to show a list of suggested improvements going forward and work with Network Operations Manager to review and prioritise. • Weekly progress reports on all activities and successes in this area. • Good communication with the Operations Manager to communicate progress and any barriers to progress. • Work closely with other operational/development teams and management as well as other stakeholders to ensure the service is fit for operations and meets the strategic objectives.

	<p>KEY ACTIVITIES:</p> <ul style="list-style-type: none"> • Liaison with the Development, Architectural and Service Management functions to translate proposals into operation and understand the operational impacts. • Advise and assist team members in technologies relating to the new DC environments via knowledge transfer. • Be a source of operational expertise around DC networking technologies to both the team and other stakeholders and projects. • Ensure appropriate levels of documentation/diagrams are created and maintained in relation to DC networking and the wider campus network. • Work with the team to ensure appropriate monitoring for a DC network environment is created to assist both in house and managed service monitoring functions. • Suggest improvements to DC and other network services. <p>As this is a new role and the new Data Centre networks and final technologies and capabilities have not yet been defined we are looking for a candidate who already has good data center experience either providing similar functions in a datacenter or being part of a similar Data Centre project/migration.</p>
<p>Skills:</p>	<p>The following areas are to be seen as additional and a focus for the Senior Network Engineer general skillsets.</p> <ul style="list-style-type: none"> • Data Center Architectures – Leaf and Spine, VxLan • Data Centre Protocols/Capabilities – BGP, Ethernet, VxLan, eVPN, IPv4/IPv6, • Cisco ACI • Security within a datacenter – physical/virtual firewalls • Networking transition from a physical to a virtual environment • Monitoring in a Datacenter • Advantageous – knowledge of SDN Software Defined Networking • Advantageous – Scripting/Automation knowledge Python/Jenkins • Advantageous – knowledge of cloud network integrations
<p>Personal Attributes:</p>	<ul style="list-style-type: none"> • Self-Motivated • Effective in leading and implementing required improvements and changes • Able to work as part of the existing team • Able to communicate effectively to a wide range of stakeholders. • High standard of communication and motivation. • Excellent time Management & organisational skills. • Ability to communicate technical solutions to both technical and nontechnical audience. • Aptitude to learn new technologies.

	<ul style="list-style-type: none">• Prepared to be based at a customer site and travel to other Prolinx locations.• Work autonomously or as part of a team.• Ability to obtain BPSS Security Clearance.
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Compliance with Company Policies, Procedures and Rules

A condition of Employment as an Employee shall be, at all times, to comply with all Policies, Procedures and Rules of the Company, which include, but are not limited to: the Prolinx Integrated Management System (IMS) Manual, Prolinx Information Security Management System (ISMS) Manual and includes all Policies, Procedures and Rules specified in the Company’s Employee Handbook.

Equal Opportunities

Prolinx does not discriminate on the basis of race, religion, colour, sex, age, disability or sexual orientation. All recruitment decisions are based solely on qualifications, skills, knowledge and experience and relevant business requirements.

The Job Holder will understand the regulatory, fair trading and competition rules relating to their work sufficiently to be able to comply with them, relying on their knowledge or on their ability to recognise that they will need specialist support.

The Job Holder will actively support at all times company policy and best practice in the area of security, with particular emphasis on the protection of sensitive customer information. This includes the Security requirements of our customers