

POSITION DESCRIPTION

Title	Peering Engineer
Location	Remote
Employment Terms	Full-Time
Reports to	Team Leader
Status	APPROVED
Occupied By	VACANT

Position Overview:

The key focus of the role involves the provision and troubleshooting of IX services, accompanied by the maintaining and monitoring of IX/ IAA networks. This is achieved by working predominantly with IAA staff, vendors and IAA members.

Key Accountabilities:

Peering services and monitoring	<ul style="list-style-type: none"> • Provision and troubleshooting of IX services. • Maintaining and monitoring of the IX/IAA networks (route servers, transit network, peering network, server infrastructure). • Execute project work - new sites, migrations etc. • Identifying and providing input on possible improvements to networks and process - especially where automation can be used. • Participate in a 24x7 on-call rotation.
Research and recommendations	<ul style="list-style-type: none"> • Provide guidance and support to IAA in determining and recommending peering needs. • Identify approaches that leverage IAA resources and provide economies of scale. • Sourcing industry information to ensure IAA is at the forefront of peering technology.
Relationship management	<ul style="list-style-type: none"> • Help and assist with new/existing member enquires about the services we offer and the benefits of peering. • Engage with members to facilitate feedback and assist in the development of new member services. • Work collaboratively with internal and external contacts. • Stakeholder engagement with internal and external contacts.

Results focused	<ul style="list-style-type: none"> Setting high standards of performance for self and others; assuming responsibility and accountability for successfully completing assignments or tasks as required.
Team work, collaboration and communication	<ul style="list-style-type: none"> Actively participate in and promote team work and assist Investment team members as required.
Maintain up-to-date knowledge, profile and network	<ul style="list-style-type: none"> Remain abreast of developments in peering solutions. Attendance/participation at relevant events, forums and industry associations.
Other accountabilities	<ul style="list-style-type: none"> EEO and WH&S – responsible for ensuring compliance with all Equal Employment Opportunity and Workplace Health & Safety requirements and keeping the workplace safe and hazard free at all times. Other reasonable duties as required. Responsible for ensuring IAA is promoted in a positive manner at every opportunity.

KEY SKILLS AND COMPETENCIES REQUIRED

- Previous demonstrated strong service provider networking knowledge (IPv4/v6, MPLS, OSPF, MP-BGP, VPLS/VPWS) across multiple vendors
- Previous demonstrated experience in a similar role
- Relevant tertiary degree or equivalent work experience
- Exceptional troubleshooting skills with an ability to self-direct
- Demonstrated moderate to advanced linux skills, familiarity with Puppet is desirable
- Proven ability to work autonomously
- Exceptional written and verbal communication skills
- Demonstrated knowledge and experience in software development, especially network automation including tooling and process
- Demonstrated knowledge and experience of telecommunications industry both locally and globally
- Commitment to outstanding client service
- Strong commitment to teamwork
- Demonstrated organisational and prioritisation skills
- Results focused
- Demonstrated creative thinking and solutions
- Commitment and demonstration to IAA's values and behaviours in all tasks and interactions
- Ability to work outside of business hours when necessary
- Eligibility to work in Australia on a permanent basis