

# Network Solution Designer

## ASX Position Description

### ASX Flexible Working

We recognise that employees need to balance work and personal lives. ASX offers all employees the opportunity to apply for flexible working.

| ASX Opportunity Snapshot  |                           | What's On Offer  |
|---------------------------|---------------------------|--|
| <b>Role:</b>              | Network Solution Designer | The role is a key part of the Network Technology Team who are continuously developing and delivering new networks/systems and customer's products.               |
| <b>Reports to:</b>        | Network Architect         |  |
| <b>People Management:</b> | n/a                       | The candidate will be responsible for gathering requirements, and designing new systems and networks.  |
| <b>Budget:</b>            | n/a                       | Looking after the Trading systems networks, Carrier network, Data centre network, Internet access environment, network security and others network environments. |
| <b>Team:</b>              | Network Engineering       |  |
| <b>Date:</b>              | November 2021             |  |
| <b>Location:</b>          | Sydney, NSW               |  |
| <b>Flexible Role:</b>     | Yes                       |  |

### What you'll do:

- Be an SME in one of the specific ASX networks areas.
- Collaborate with the organization's management to identify the network needs of the company.
- Collaborate with other networks leads / SMEs to provide integrated network solutions.
- Liaise with vendors and suppliers.
- Design and deliver new networks and security elements in order to meet Business Unit requirements.
- Determine the most suitable hardware and software drives to be utilized.
- Define and refine network architecture standards.
- Contribute to ASX documentation and knowledge base as required.
- Mentor team members.

#### **What you've done:**

- Overall 10+ years of experience in the field of networking with a minimum of 5+ years of experience working as a network designer / network architect in at least two of the following environments:
  - Low latency networks
  - Carrier networks
  - DC networks
  - Security networks (Firewalls, Load Balancer, WAF, SIEM, etc.)
- Deep understanding of core network technologies (OSPF, BGP (eBGP and iBGP), MPBGP, MPLS, VxLAN, LDP, EVPN, etc.) and security technologies (Firewalling, Load Balancing, WAF, Proxy, SIEM).
- Proven experience working with low latency networks and multicast technologies.
- Proven experience in designing large-scale networks and mission critical networks.
- Knowledge of the main network and security vendors such as Arista, Cisco, Juniper, Palo Alto, F5, Checkpoint.
- Deep knowledge in network virtualization technologies (VMWARE, NSXT3.0, Container Platform, Micro-segmentation, etc.).
- Extensive knowledge in external cloud providers and architecture (AWS, GCP, Azure, Oracle, etc.).
- Strong communication, influencing and negotiating skills in managing a wide variety of stakeholders including vendors, partners and suppliers.

#### **And if you've got some of this, even better:**

- Tertiary degree in computer science/engineering/telecommunications.
- Vendor certifications CCIE, CCAr, Arista, F5, Palo Alto etc.
- Understanding of transmission technologies (DCI, OTN, E-LINE, etc.).

#### **What you need to enjoy and be good at for this role:**

- Customer driven and delivery focused – collaborates effectively to deliver outstanding results.
- Attention to detail – errors are minimised to deliver accurate outcomes.
- Calm under pressure – can remain focused in times of stress.
- Naturally inquisitive – asks questions to ensure understanding.
- Confident decision maker – make straightforward decisions and know when to seek backup.

- Great communicator – able to get the message across in the best way.
- Analytical thinker – can evaluate information and seek a solution.
- Team player – support each other to achieve.
- Collaboration – can work with multiple stakeholders to deliver a common goal.
- Take ownership over projects that you are involved in.
- Excellent written and oral collaboration skills.
- Confront problems, suggests solutions and drive accountability and delivery through to conclusion.
- Self-learning and adaptability to new technologies.