

Senior Infrastructure Engineer EL1 level

Description

Infrastructure Engineers implement, manage and retire the infrastructure (including physical, virtual, networking and cloud infrastructure) that supports digital services. The Senior Gateway Engineer uses their in-depth knowledge of specific ICT Platforms to provide expert advice on the management and maintenance of those platforms. They work closely with key third party suppliers to ensure the provision of a robust gateway infrastructure capability for the business, and liaise with architecture and shared services areas to ensure the security of the day-to-day technical operations. Senior Gateway Engineers exercise a considerable degree of independence, with decision-making substantially dependent on their high-level judgement and consideration of wider agency implications, with work being performed under the general guidance of senior staff.

Responsibilities

Duties may include some or all the following but not limited to:

- Design/evaluate/implement infrastructure requirements to meet future infrastructure demand
- Provide expert technical support for project build, test and solution deployment activities
- Prepare, review and maintain documentation which may include design documentation, implementation plans, test plans, and support procedures
- Assist in the development and implementation of strategies, operational policy and procedures and change initiatives
- Participate in change management process and communicate the end-to-end implications of configuration changes
- Provide detailed, specialist technical advice, including strategic advice to the senior executive
- Proactively share knowledge and expertise as the subject matter expert, and aid and mentorship to less experienced colleagues
- Undertake research on emerging technologies and provide recommendations on product suitability for the agency
- Engage and partner with other agencies and service providers to build service delivery capability
- Attend interagency meetings and forums to influence business outcomes and share information
- Encourage innovation, continuous improvement and manage and support change and influence and contribute to ICT strategy resolving conflicts as needed
- Manage the operation of backup, high availability and disaster recovery solutions for IT systems
- Manage the regular maintenance of patches and support packages for all technical layers
- Manage the administration and operation of the Gateway network kit

Qualifications

At least five (5) years demonstrated experience in the design, management and maintenance of internet gateway and/or large scale data centre networking environment.

1. Demonstrated experience and technical proficiency in the design of services utilising F5/Blue Coat Layer 4-7 switching/load balancing and proxy

Rate Card

\$ 1200 - \$ 1600

Hiring organization

Services Australia

Employment Type

Contractor

Estimated Start Date

01 November 2025

Duration of employment

Initial contract of 12 months with possible two extensions of 12 months each.

Job Location

Remote work from: Australia; You must work from the Canberra office for a minimum of 6 weeks before a WFHA will be considered. Any WFHA will require you to work in the specified office location a minimum of 3 days per week.

Valid through

14.09.2025

systems.

2. Demonstrated experience in the design and deployment of network infrastructure including Cisco Data centre technologies like Cisco ACI, Cisco Routers, nexus switches, routing protocols like BGP, OSPF, EIGRP
3. Demonstrated experience with and/or detailed understanding of Palo Alto firewalls and IPS Solutions
4. Demonstrated experience in the design and implementation of VPN technologies, email and DNS (Infoblox) Solutions.
5. Demonstrated experience in the design and integration of hybrid and public cloud services.
6. Demonstrated experience in the development and maintenance of system architecture and design documentation.
7. Demonstrated experience with or knowledge of Australian Government information security policies, the ASD Information Security Manual and Essential Eight.

Experience

Technical skills

- Cisco Data centre technologies like Cisco ACI, Cisco Routers, nexus switches, routing protocols like BGP, OSPF, EIGRP
- Palo Alto firewalls and IPS Solutions
- VPN technologies, email and DNS (Infoblox) Solutions.
- hybrid and public cloud services.

Essential criteria

1. At least five (5) years demonstrated experience in the design, management and maintenance of internet gateway and/or large scale data centre networking environment.

Desirable criteria

1. Demonstrated experience and technical proficiency in the design of services utilising F5/Blue Coat Layer 4-7 switching/load balancing and proxy systems. Demonstrated experience in the design and deployment of network infrastructure including Cisco Data centre technologies like Cisco ACI, Cisco Routers, nexus switches, routing protocols like BGP, OSPF, EIGRP.
2. Demonstrated experience with and/or detailed understanding of Palo Alto firewalls and IPS Solutions. Demonstrated experience in the design and implementation of VPN technologies, email and DNS (Infoblox) Solutions.
3. Demonstrated experience in the design and integration of hybrid and public cloud services. Demonstrated experience in the development and maintenance of system architecture and design documentation.
4. Demonstrated experience with or knowledge of Australian Government information security policies, the ASD Information Security Manual and Essential Eight.

Basic Requirements

1. You must hold an NV1 Security Clearance prior to commencing work.
2. Please provide details (e.g. manager, branch) of your previous worked history either as a contractor or employee including its former agencies such as the Department of Human Services.

3. Provide 2 referee details (name and contact details) who can confirm the candidate's skills/knowledge to fulfill this role. Referees can be a previous manager (within the last 4 years).