IT Infrastructure Engineer

02645

Hiring organization
Services Australia

Employment Type
Contractor

Beginning of employment
1 July 2025

Duration of employment
Initial contract of 12 months with possible two extnsions of 12 months each.

Job Location
Remote work possible

Valid through
05.05.2025

Description

Infrastructure Engineers implement, manage and retire the infrastructure (including physical, virtual, networking and cloud infrastructure) that supports digital services.
We are seeking a highly skilled and experienced Senior OpenShift Administrator who can navigate the monitoring, installation, configuration, administration, troubleshooting and maintenance of on-premises Red Hat OpenShift clusters, particularly within the context of government services.
You will provide technical support, troubleshoot problems and automate solutions to ensure stable and efficient operation of OpenShift environments, with a proven ability to lead cloud projects, mentor junior staff and integrate seamlessly into a complex, dynamic team environment

Responsibilities

Design, deploy, manage, and troubleshoot OpenShift or other Kubernetes clusters in enterprise environments, ensuring high availability, reliability and scalability.
Assist developers in automating the deployment, scaling, and management of containerised applications using OpenShift, utilising our GitOps platform and CI/CD pipelines for efficient service delivery.
Oversee cluster management (inc. in-place cluster upgrades), resource allocation, configuration management, and capacity planning within Red Hat OpenShift environments, ensuring optimal performance and responsible resource utilisation.
Develop and implement Infrastructure as Code (IaC) solutions using tools like Ansible, Terraform, or Helm to support scalable and resilient cloud infrastructure.
Ensure the security of OpenShift environments by implementing best practices, including vulnerability scanning, network segmentation, and role-based access control.
Lead technical teams in the execution of OpenShift projects, mentoring junior engineers and managing project timelines and deliverables.
Work closely with cross-functional teams, including developers, architects, and business stakeholders, to ensure smooth operations and alignment with business goals.
Maintain comprehensive documentation of systems, processes, and best practices, and actively share knowledge with the team.
On-call duties may be required in extenuating circumstances however this is not the default expectation.

Qualifications

NV1 security clearance

Contacts

Please provide a one page pitch to address all criteria specified. This is equal to 5000 characters

Experience

Essential criteria

Bachelor’s degree in Computer Science, Information Technology, Software Engineering or related field highly desirable, or demonstrated continuous professional experience of at least 5+ years in a large scale ICT environment, and additionally 3+ years in a large scale kubernetes environment is a suitable alternative.

Experience

- At least 5+ years of experience in system administering – Including experience in OpenShift/Kubernetes cluster administration.
- Extensive experience in Kubernetes administration – Including networking, security, storage, and troubleshooting within containerised environments.
- Experience in a government or highly regulated environment, with demonstrated compliance to standards such as the Information Security Manual (ISM) and Essential 8
  Red Hat Certified Specialist in OpenShift Administration or equivalent certification, or a willingness to obtain these certifications within the first 3-6 months of employment

Desirable criteria

- Highly desirable • Certifications in Cloud Platforms (e.g., AWS, Azure, Google Cloud), Certified Kubernetes Administrator (CKA), or a willingness to obtain these certifications within the first 3-6 months of employment.
- Experience and knowledge across a breadth of ICT technologies or methodologies is highly desirable, these include: • Kubernetes • Ansible • Helm • Python & Bash • CI/CD Pipelines • Git • Linux