

Job Description

1. ROLE DETAILS:

JOB DESCRIPTION CODE:	ITC012
POSITION TITLE:	SENIOR CLOUD ENGINEER
REPORTS TO:	IT SUPPORT MANAGER
DEPARTMENT:	IT INFRASTRUCTURE
GRADE:	DANS 8/ DFS 17

2. ROLE PURPOSE:

Designing, implementing, and maintaining cloud infrastructure solutions that meet the dans technical and business requirements. This role involves managing cloud environments, ensuring security, scalability, and high availability, while optimizing cost and performance.

3. KEY ACCOUNTABILITIES:

Description
Cloud Architecture & Infrastructure Management: <ul style="list-style-type: none"> Design, build, and maintain scalable, secure, and high-availability cloud environments (AWS, Azure, GCP). Develop and implement cloud infrastructure solutions aligned with business needs. Ensure adherence to cloud best practices, frameworks, and governance policies.
Automation & Infrastructure as Code (IaC): <ul style="list-style-type: none"> Develop and maintain Infrastructure as Code (IaC) using Terraform, Cloud Formation, or ARM templates. Automate cloud deployments, monitoring, and operational tasks using CI/CD pipelines. Optimize cloud environments through automation to improve efficiency and reduce manual intervention.
Security & Compliance: <ul style="list-style-type: none"> Implement and enforce cloud security best practices. Ensure compliance with ISR. Perform regular security audits and vulnerability assessments on cloud resources.
Performance Monitoring & Optimization: <ul style="list-style-type: none"> Monitor cloud infrastructure to ensure performance, availability, and cost efficiency. Use cloud monitoring tools. Continuously optimize cloud resources to reduce costs and improve performance.

3. KEY ACCOUNTABILITIES:

Description
Disaster Recovery & Business Continuity: <ul style="list-style-type: none"> Design and implement backup, disaster recovery (DR), and fail over strategies. Regularly test disaster recovery plans to ensure business continuity. Maintain high availability and resilience of mission-critical applications.
Collaboration & Stakeholder Management: <ul style="list-style-type: none"> Work closely with dans OPS, development, security, and IT infrastructure teams to integrate cloud solutions. Provide technical guidance and mentorship to junior engineers. Liaise with business stakeholders to understand cloud requirements and deliver solutions.
Troubleshooting & Incident Response: <ul style="list-style-type: none"> Act as an escalation point for cloud-related incidents and service disruptions. Troubleshoot and resolve complex cloud infrastructure issues. Implement root cause analysis (RCA) and preventive measures for recurring issues.
Continuous Learning & Innovation: <ul style="list-style-type: none"> Stay up to date with emerging cloud technologies and trends. Research and recommend new tools and services to improve cloud capabilities. Promote a culture of innovation and continuous improvement in cloud adoption.
<ul style="list-style-type: none"> Undertakes similar or related duties as directed by senior management.

4. COMMUNICATIONS & WORKING RELATIONSHIPS:

Internal:

- All dans and DFS.

External:

- DA BT
- Vendors
- Third parties involved in integration of equipment and software into the network

5. KNOWLEDGE, SKILLS & EXPERIENCE:

Qualifications and Education:

- Bachelor's degree in computer science, Information Technology or Engineering.
- A master's degree or bachelor's in Cloud Computing, Cybersecurity is preferable.
- AWS Certified Solutions Architect (Associate or Professional).
- Microsoft Certified: Azure Solutions Architect Expert.
- Google Cloud Professional Cloud ArchitectA+ (Hardware Engineer) Certification – preferable.
- Certified Kubernetes Administrator (CKA).
- HashiCorp Certified: Terraform Associate.
- Microsoft Certified: DevOps Engineer Expert.
- Security & Networking Certifications:
- AWS Certified Security – Specialty.
- Certified Information Systems Security Professional (CISSP).

- Cisco Certified Network Professional (CCNP) – Cloud.

Knowledge & Experience:

- Minimum 5–7 years of experience in cloud engineering, infrastructure, or Development Ops roles.
- Proven experience in cloud architecture, automation, and security implementation.
- Experience leading cloud migration and optimization projects.

6. BEHAVIOURAL COMPETENCIES:	WEIGHT % DISTRIBUTION
• Communication	5%
• Adaptability & Innovation	5%
• Teamwork	5%
• Customer Orientation	10%
• Problem Solving and Decision Making	15%
• Results Orientation	20%
• Attention to detail	20%
• Procedures Awareness	20%

7. SAFETY & SECURITY REQUIREMENTS

- Adhere to the applicable safety & security (information security) ISR policies and procedures of dans.
- Report any security (information security) breaches or incidents to dans Security team security.incident@dans.gov.ae.
- Report any safety incident to dans safety team or by submitting Salama.
- Attend safety & security (information security) awareness sessions conducted in dans.

8. APPROVALS:

Accepted: Job Holder

Name & Signature

Reviewed by: Line Manager

Name & Signature