Role Profile and Person Specification

ROLE PROFILE

Role Title:	Cloud Engineer	Leadership level:	*To be determined at later phase*
Post reference:	30518	Job family:	*To be determined at later phase*
Grade:	Band 9	Location:	TBD
Allowances:		Politically restricted post:	No
Area command / Department:	ICT/Digital Policing	Vetting level:	MV
Reporting to:	Cloud Engineering Manager	Date accepted as a role profile:	
Posts responsible for:			

Part A – Job Description

Overall purpose of the role:
In addition to engineering new cloud services & environments to architectural standards and enhancing existing capabilities, the Cloud Engineer will influence, verify, and inform the designs intended to deliver the next generation of digital services for Northumbria Police.
You will be adept at engineering secure-by-design cloud solutions and skilled in SecOps (Security Operations) processes and procedures. You will ensure that all operational teams adhere to processes which maintain secure cloud operations at-all-times through influencing and convincing teams and business capabilities of the benefits of security best practices.
You will be a creative thinker and a proven problem solver, driven with a tenacity to deliver digital change and operational efficiencies.
While we are looking for candidates who can cover a wide set of cloud technologies, we would encourage applications from candidates who have a passion for technology and are adept at using existing skills and experience to master new technologies.

Key responsibilities of the role:	
1	Building and implementing cloud systems and services that consistently meet or exceed expectations
2	Developing the automation necessary for on demand resource provisioning and user self-service
3	Implementing industry best practices across all cloud services and solutions
4	Delivering process efficiencies through cloud hosting and services
5	Managing the migration of legacy systems from on-premises to cloud
6	Delivering the secure migration of data from on-premises systems to cloud

Role Profile and Person Specification

	services
7	Staying ahead of market trends, emerging technologies, and cloud-based initiatives
8	Collaborating with key stakeholders
9	Evaluating the performance and perception of existing systems to identify risks and opportunities
10	Ensuring that all cloud services continually meet capacity and performance needs through cloud service performance assessments
11	Collaborating with Security and Digital Policing teams to ensure services are always secure
12	Troubleshooting issues that arise because of cloud application failures or security breaches
13	Assuring that data storage and processing is compliant with security policies and cloud security best practices
14	Educating teams on new cloud technologies and initiatives and providing excellent documentation to operational teams
15	Adhering to and influencing the adoption of SecOps best practices across Security, Digital Policing teams and Northumbria Police colleagues to ensure services are always secure

Part B – Scope of contacts

Internal / External relationships:

Engineering the required cloud infrastructure, services, and capabilities working across Digital Policing and with business stakeholders, including but not limited to Digital Police Operations, FTT, IMU, Enterprise Architecture, and Solution Delivery.

Internal: Digital Police Teams, Enterprise Practice, Chief Information Officer, Heads of Dept and Area Commanders, allocated members of Procurement and Finance, IMD, FTT

External: Regional Technology Architecture leads (both for Police and Non-Police organisations), Suppliers, SROs and Programme/Project managers for national projects, Members of national steering and project boards

Part C – Competencies and Values

Northumbria competencies and values framework (NCVF)

Role Profile and Person Specification

Level – tbc

Part D – Continuous Professional Development (CPD) role 6 months *To be determined*	

First 6 months	
1	
2	
3	
4	

12 months and beyond	
5	
6	
7	
8	

Part E - PERSON SPECIFICATION

Criteria	Essential	Desirable	How to be assessed
Qualifications, knowledge and experience	Microsoft Azure Resources (Subscriptions/Resource Groups/App Registrations/PaaS/API Permissions/Application Hosting & Delivery/Environments) Proven experience with SecOps (Security Operations) and building secure-by-design solutions.	Security & Compliance (DLP/Tagging/Classification/Labels/Encryption) Microsoft Sentinel experience Defender for Identity (Advanced Threat Analytics) Experience with SailPoint IDN	Application/interview/ CPD

	Identity, Authentication & Access Management (Azure Active Directory/MFA/Federation/SSO Cloud & On Prem) Entitlement (Licence Allocation, Automated Role Assignment, Access Control) SharePoint (Management/Configuration/Security) Microsoft Teams (Automated Provisioning/Deprovisioning/Retention) Power Platform (Management/Configuration/Security) inTune (Device Polices/Device Provisioning/Software Delivery/Encryption) External Collaboration		
Planning and organising	Demonstrable experience engineering solutions through collaboration with technical teams and subject matter experts.	Understanding of service continuity planning and IT security.	Application/interview/ CPD
Problem solving and initiative	Ability to cut through technical and organisational complexity to gain a full understanding of complex technologies and business processes Evidence of using creativity and innovation to engineer best of breed technology solutions. Highly motivated and self-reliant with a personal drive for continuous development and demonstrates a strong customer service ethos.	Extensive experience of working with deeply technical teams engineering new cloud solutions and transforming monolithic technologies	Application/interview/ CPD

Role Profile and Person Specification

	Proven analytical and problem-solving abilities.		
Management and teamwork	Proven experience of delivering the exceptional. You will be driven to succeed and a great listener who is always mindful of the wider team and can impact positively across all domains and disciplines.	Ability to coach others and support team members outside of own team	Application/interview/ CPD
Communicating and influencing	Strong customer and stakeholder engagement skills with experience both within and outside of Northumbria Police. Excellent interpersonal, written and oral communication skills.	Ability to absorb complex technical information and communicate effectively to all levels, both technical and non-technical audiences.	Application/interview/ CPD
Other skills and behaviours	Experience of developing and maintaining effective relationships at all levels within an organisation Keeps themselves up to date on current developments. Adept at operating autonomously in line with agreed architectural and technical boundaries. Highly motivated and self-reliant with a personal drive for continuous development and demonstrates a strong customer service ethos.	Good understanding of the IT cloud industry and the implications that existing and emerging technologies can have for the wider business environment	Application/interview/ CPD