**WORKDRY INTERNATIONAL**

**POSITION DESCRIPTION:**

**Senior Security and Cloud Engineer**

**LOCATION:** Head Office,Chandler’s Ford

**POSITION PURPOSE:** The role of Senior Security and Cloud Engineer is a highly motivated professional, responsible for designing, implementing, and maintaining secure cloud-based solutions on the Microsoft Azure platform. This role ensures the integrity, confidentiality, and availability of information systems by applying cybersecurity best practices and leveraging Azure’s security features.

**RESPONSIBLE TO:** Infrastructure & Security Manager

**REGULAR CONTACTS:** **External** Vendors

Suppliers

Consultants

Auditor

Regulatory Bodies

Customers

**Internal** IT Management

Software Development Team

Cybersecurity Team

Compliance and Governance Teams

End Users and Internal Employees

**MAIN RESPONSIBILITIES:**

* **Cloud Infrastructure Management:**
  + Design, deploy, and manage Azure cloud infrastructure.
  + Implement and maintain virtual networks, storage accounts, and other Azure resources.
  + Architect and deploy Azure High Availability services and site recovery solutions
* **Security Implementation:**
  + Design, implement, and maintain security controls for cloud-based environments, including infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS) solution.
  + Implement Azure security services such as Azure Security Centre, Azure Sentinel, and Azure Key Vault.
  + Conduct regular security assessments and vulnerability scans.
* **Incident Response:**
  + Monitor and respond to security incidents and alerts.
  + Perform root cause analysis and implement corrective actions.
* **Compliance and Risk Management:**
  + Ensure compliance within industry standards and regulations (e.g., GDPR, HIPAA).
  + Conduct risk assessments and develop mitigation strategies.
* **Collaboration and Support:**
  + Work closely with development, operations, and IT teams to integrate security into the DevOps process.
  + Provide guidance and support on security best practices.
* **Continuous Improvement:**
  + Stay updated with the latest cybersecurity trends and Azure updates.
  + Participate in continuous learning and professional development.

*The main responsibilities are outlined above. This is not a definitive list, and other tasks/activities may be necessary as the company’s commercial activities require.*

**QUALIFICATIONS & EXPERIENCE:**

* **Education:**
  + Bachelor's degree in Computer Science, Information Technology, or a related field.
  + Relevant certifications such as Microsoft Certified: Azure Solutions Architect, Azure Security Engineer Associate, CSSP, CISSP, or CEH.
* Experience:
  + Demonstrable experience in cybersecurity and cloud engineering.
  + Proven experience with Microsoft Azure services and security features.
  + Knowledge of Azure networking concepts, firewalls and Azure security best practices.
  + Hands-on experience working with security tools and technologies (e.g. XDR, NDR, IDS/IPS, SIEM).
* **Skills:**
  + Strong understanding of cloud security principles and best practices.
  + Deep understanding of core Azure services like Azure Compute, Storage, Networking and Databases
  + Knowledge of Azure Sentinel
  + Proficiency in scripting and automation (e.g., PowerShell, Azure CLI) and Azure DevOps
  + Knowledge of virtual networks, load balancers and VPN gateways
  + Understanding Azure security services, identity management and best practices for securing cloud environments
  + Skills with containerisation (desirable)
  + Knowledge of Azure data lake and Azure IOT hub a bonus, and additionally knowledge of Azure API tooling
  + Excellent problem-solving and analytical skills.
  + Strong communication and teamwork abilities.