

Job Description	
Position	Principal Engineer (Windows, Proprietary Systems and Internal IT)
Department	Technical Services
Division	Information Services

Summary of responsibilities

The designated Principal Engineer is responsible for providing technical expertise and is tasked with the responsibility of planning, implementation, operations and maintenance of PayNet's infrastructure – leading the organization towards a modernized infrastructure and architecture running within our Data Center facilities – covering Windows Systems, Mainframes and Campus End User Computing.

Additionally, the candidate will be required to be a mentor to other team members.

Key Areas of Responsibilities

- Responsible in implementing the architecture design, planning and execution of the multi-year phased deployment of Windows and mainframe based services for Inter-Bank GIRO, Direct Debit, JomPAY, Shared ATMs and PayNet ATMs.
- Accountable for production issues and serves as a Subject Matter Expert (SME) within an area of specialty, extending advice and consultancy to cross functional teams, being responsible in leading the state-of-the-art Cloud architecture.
- Participating in systems, network, and database integration with internal and external stakeholders to ensure smooth and seamless transition to new architecture.

Qualifications

Minimum Qualifications

- Degree in Computer Science with a minimum of 7 years of relevant work experience, preferably in a high pressured System Integrator environment – exceptional self starters will be considered.
- Microsoft Windows certification would be an added advantage.
- Experience in the IT banking and Telecommunications sector would be an added advantage.

Technical Qualifications

- Advanced level knowledge across Windows Server OS platforms.
- Intermediate level knowledge with the IBM Power 9 and HP Non-Stop platforms.
- Must be adept at programming in at least one language: Python or PowerShell scripting.
- Implementation experience with:- Active Directory, TLS, SMTP, LDAP, DHCP, HTTPS, DNS, IIS, BitLocker, WSUS, SCCM, Group Policy, Microsoft Clustering, OS hardening among others.
- Experienced performing systems based performance bottleneck analysis and remediation:- Process Monitor, PsInfo, PsGetSid etc.
- Implementation experience with Cloud offerings from AWS and GCP such as EC2, S3, Route53, ELB, DBaaS would be an advantage.

Additional Requirements:

- Effective communication skills.
- Extremely diligent, fine eye for details, supreme problem solving capabilities and a team player.