State Bank of Pakistan

State Bank of Pakistan, the Central Bank of the country, regulates the monetary and credit system of Pakistan and fosters its growth in the best national interest with a view to securing monetary stability and optimum utilization of the country's productive resources. In order to strengthen the institutional capacity in the area of Information Technology, applications are invited from high caliber and dynamic professionals for following positions, based at Karachi:

1. Deputy Director – Database Administration (OG-3)

Key responsibilities of the incumbent will include, but not limited to, the following:

- Analyze, develop, test and implement complex physical data base designs; ensuring proper and effective structure, security and operation of databases that support SBP Business applications.
- Manage the availability of databases for business applications of SBP.
- Manage and monitor backups, restore and recovery of databases.
- Manage and perform disaster recovery operations of databases.
- Develop and co-ordinate in producing security rules, procedures and guidelines for the protection of data sources.
- Monitor and optimize the performance of all the Databases by utilizing different tuning techniques.
- Develop and implement data administration policy, standards and models.
- Capacity planning of Oracle database servers by analyzing their rate of growth.
- Provide timely support to business team in routine based operations.
- Ability to create test environments/instances of databases as per business requirement.
- Fine-tune, establish and initiate database recovery activities, backup, installation, version upgrade and patching of databases.

Eligibility Criteria

Age: Maximum 35 years.

Qualification: Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication/ Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.

Experience: At least six (06) years experience in database administration preferably in banking sector.

Competencies:
- Hands on experience in Oracle ERP11i, 12i , Oracle Forms based Applications, Oracle 8i/9i/10g/11g, Oracle Application Server, EBS 11/12i, HP-UX /Linux / VM and cluster environment.
- Hands-on experience on T24 banking application tasks such as EOD Technical Support, Archiving, database File management, Distributed DB file management and database recovery.
- Hands-on experience in the Implementation of ITIL Framework based CA products such as DB-Insight, Wily and ELM (Enterprise Log Manager).
- Good knowledge of the Planning, Designing and Implementation of Oracle High Availability and Disaster recovery Solutions such as Oracle RAC and Data Guard.
- Good Knowledge of virtualization and implementation of Oracle Enterprise Linux and Oracle VM.
- Hands-on experience in Oracle ERP11i, 12i and Oracle Forms based Applications Up-gradation, Consolidation and Platform Migration.
- Work experience of Data warehouse Administration Tools such as BI, Discoverer, data warehouse builder etc.
- Hands-on experience to perform T24 banking application tasks such as EOD Technical Support, Archiving, database File management, Distributed DB file management and database recovery.
- Ability to sustain the security and integrity of databases.

2. Assistant Director – Database Administration (OG-2)

Key responsibilities of the incumbent will include, but not limited to, the following:

- Maintain availability of databases for business applications of SBP.
- Perform backups, restoration and recovery of databases.
- Ability to perform disaster recovery operations of databases.
- Ability to create test environments/instances of databases as per business requirement.
- Troubleshoot different connectivity problems of front-end applications with the databases.
- Conduct routine backup operations of all the Databases of SBP.
- Create Database & Application users and Installation of Oracle Database engine on various platforms.
- Perform checks on all the Production Databases.
- Take part in Cloning and patching of Databases.

Eligibility Criteria

Age: Maximum 31 years.

Qualification: Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication / Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.

Experience: At least three (03) years experience in database administration preferably in banking sector.

Competencies:
- Hands-on experience in Oracle ERP11i, 12i, Oracle Forms based Applications, T24 banking

application tasks such as (EOD Technical Support, Archiving, database File management, Distributed DB file management and database recovery**.**
- Hands-on experience in Oracle ERP11i, 12i and Oracle Forms based Applications Up-gradation, Consolidation and Platform Migration.
- Hands-on experience to perform T24 banking application tasks such as EOD Technical Support, Archiving, database File management, Distributed DB file management and database recovery.

3. Assistant Director – Network & Infrastructure Support (OG-2)

Key responsibilities of the incumbent will include, but not limited to, the following:
- Support, maintain and monitor 10 Gigabit Ethernet SBP Campus wide optical fiber network.
- Support and maintain Campus Core and Data Center Local Area network.
- Support, upgrade and monitor Wireless LAN SBP campus networks.
- Manage and maintain Corporate Wide Area Network connectivity across SBP and SBP BSC offices.
- Manage, monitor and upkeep SBP Satellite hub and country wide Satellite modems.
- Perform integration for the new business systems with SBP network.
- Plan Network Bandwidth Capacity and Commission new communication links.
- Manage routine Wide Area Network traffic engineering and Quality of Service implementations.
- Manage and configure Network Firewalls and Intrusion Detection Systems.
- Manage and configure Core Network Switches and Routers.
- Correspond with local & international vendors for the timely replacement of faulty network devices.
- Support to the internal and external customers pertaining to networks through network management and monitoring.
- Coordinate with vendors for replacement of obsolete Network Devices; Service Level Agreement (SLA) compliance.

Eligibility Criteria	
Age:	Maximum 31 years.
Qualification:	Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication / Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.
Experience:	At least three (03) years relevant post qualification experience in a reputable organization as an IT Security Professional. CCNA and CCNP Certified and candidate having any network security related certification will be preferred.

4. Assistant Director – System Hosting & Administration (OG-2)

Key responsibilities of the incumbent will include, but not limited to, the following:
- Perform delegated administration and monitoring of Linux and Microsoft Windows Server based Operating systems and associated services which include Active Directory, Email Servers, File Storage and SQL Servers.
- Monitor SAN Storages and Server hardware.
- Monitor and manage internet proxy services and access rights.
- Monitor and perform data backup and recovery of Linux and Windows Servers
- Provide end user technical support.
- Document operational and implementation procedures.
- Provide assistance in preparing incident reports and change request.
- Coordinate with vendors for technical support.

Eligibility Criteria	
Age:	Maximum 31 years.
Qualification:	Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication / Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.
Experience:	At least three (03) years post qualification experience in preparation Firewalls/ Network Devices/ Intrusion Detection/Prevention Systems Strong Operating Systems/Web Proxies/Antivirus Systems Host logs, network traffic logs, forensic etc.

5. Assistant Director – IT Security Operations (OG-2)

Key responsibilities and competencies of the incumbent will include, but not limited to, the following:
- Monitor external/internal event sources for security intelligence and actionable incidents, and also perform initial investigation.
- Escalate risks to respective division with recommended security control and document security incidents.
- Discover internal/external potential security loopholes; act for corrective action in line with organization policies.
- Support Team Lead, Infrastructure Security Operations to execute IT Security related awareness and training sessions.
- Analyze, communicate with stakeholders; resolution/coordination of resolution via support groups or business units.
- Carry out vulnerability assessment on IT infrastructure of SBP and its subsidiaries and accordingly document risks.
- Analyze and review application and network logs providing priority driven analysis on cyber activity/threats.

Eligibility Criteria	
Age:	Maximum 31 years

Qualification: Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication/ Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.

Experience: At least three (03) years post qualification experience in preparation Firewalls/ Network Devices/ Intrusion Detection/Prevention Systems Strong Operating Systems/Web Proxies/Antivirus Systems Host logs, network traffic logs, forensic etc.

6. Assistant Director – IT Security System (OG-2)

Key responsibilities of the incumbent will include, but not limited to, the following:

- Use and maintain open source/commercial security testing and monitoring tools & services.
- Carry out and maintain software vulnerability assessment system, develop and look after security metrics for status of software vulnerabilities.
- Perform pen-testing exercise for assessment of infrastructure and applications vulnerabilities from internal and external environment.
- Carry out web application security assessment for testing their security.
- Examine security controls of wireless networks to report vulnerabilities and weakness to the management.
- Perform basic digital forensics on reported or identified security incidents.
- Administer and maintain security monitoring and log solution using standard SIEM technology.
- Observe user activities, review logs, report breaches and exceptions on daily basis.
- Monitor real-time interfaces of critical security controls like Firewalls, IDS/IPS and Antivirus.

Eligibility Criteria

Age:	Maximum 31 years.
Qualification:	Masters or Bachelors Degree (16 years) in Computer Science / Computer Systems / Computer Engineering / Electronics / Telecommunication / Management Information System / Communication Technology from HEC recognized institutions or from a reputable foreign university.
Experience:	At least three (03) years relevant post qualification experience in a reputable organization as an IT Security Professional. Candidates having certifications of CISSP, CEH, CPTE, Linux will be given preference.
Competencies:	Hands on experience on Linux, KALI Linux, Metasploit Framework, Virtual machines, WireShark, Nesuss, OpenVas, Nmap, Web Application and Wireless Network Security Tools etc.

Assessment Test and Panel Interview

- Shortlisted applicants meeting above eligibility criteria will be required to appear in an assessment test.
- Qualified candidates will be invited for panel interview.

Compensation

- Competitive compensation and benefits package, within approved salary scales of OG-3 and OG-2 respectively, commensurate with qualifications and experience of the candidate.
- Medical Facility for self and dependent family members as per Bank's rules.
- Staff Loan and Personal Loan Facility.
- Rest & Recreation Allowance.
- Gratuity and Contributory Provident Fund.

Application Procedure

Interested Pakistani/AJK nationals meeting the above mentioned eligibility criteria may send their detailed CVs along with covering letter, experience certificates, copies of educational documents, CNIC and a recent photograph addressed to the Senior Joint Director, Human Resources Department, State Bank of Pakistan, 10th Floor, SBP Main Building, I.I. Chundrigar Road, Karachi, latest by July 15, 2016. Please clearly mark the envelope with the position applied for. Only short listed candidates will be contacted. Female candidates are encouraged to apply.

Misinformation and any attempt to influence the selection process will be considered a definite disqualification for current as well as for all future recruitments in the Bank, even if the candidate is otherwise qualified.