

Role/Job	System Engineer / Database Administrator (DBA)
Academics	B. Sc., B. Eng. in a physical sciences discipline (e.g. Computer Science, Engineering, Mathematics, etc) Masters/PhD is an added advantage
Age	<= 40 years
Work Experience	10+ years of DBA experience
Technology Platforms	Mastery at Oracle Database 11g/12c Mastery at Microsoft SQL Server 2014/2016 Skilled at Oracle RMAN Skilled at Oracle Enterprise Manager Mastery at Management Studio Skilled at Linux/Windows/Scripting Knowledge of ITIL v3/v4
IT Professional Certifications	Oracle 11g/12c Certified Professional (OCP) Advanced PL/SQL Querying Microsoft SQL Server Querying Data with Transact-SQL Microsoft SQL Server Certification Administering Microsoft SQL Server Databases
Technical Skills (Added advantage)	<p>Ability to use Database client tools like TOAD, PL/SQL Developer, SQL Developer, etc</p> <p>Ability to use Operating system Client tools like Putty, FSecure, WinSCP, etc</p> <p>Grasp of Database High Availability & Disaster Recovery configurations</p> <p>Experience with Database Troubleshooting and Performance Tuning</p> <p>Microsoft Office suite</p> <p>The Database Administrator (DBA) is the last port of call for all things database related. The DBA's primarily role is to ensure that SEPCiN's databases are operated in a secure, reliable, efficient & cost-effective manner. Specifically, the DBA is ...</p> <ul style="list-style-type: none"> • Responsible for monitoring the performance, integrity, security & disaster recovery of existing databases in SEPCiN • Involved in the planning, modelling, design and development of new databases • Troubleshooting & Fixing database issues in line with ITIL principles (using Service Now) • Ensure databases are regularly patched & upgraded to approved TOE (Target Operating Environment) • Ensure database access permissions and privileges are controlled (in line with least privilege principles) • Assist application developers in designing normalised & optimised databases • Develop, Manage and Test back-up and recovery plans • Carry out periodic capacity planning to ensure optimal performance <p>Working hours are usually 40 hours a week, Monday to Friday, and may include unsocial hours. DBAs may be required to work overnight and on weekends (during periods of low usage) when maintenance and development work needs to be undertaken. DBAs may also have to be on call at times, responding if a critical problem occurs.</p> <p>Soft skills required are:</p> <ul style="list-style-type: none"> • Problem-solving and good analytical skills • Communication & teamworking • Familiarity with the main data manipulation languages and the principles of database design • The ability to work to tight deadlines under pressure • Good organisational skills • Flexibility and adaptability • The ability to create and maintain cordial working relationships with colleagues and customers • A willingness to keep up to date with developments in new technology • A commitment to continuing professional development (CPD) • An understanding of information legislation, such as Data Privacy, etc.