



VACANCY ADVERTISEMENT

Vacancy Information Download

Reference Number:	KZNPG/20250410/3243
Advert Reference Number:	DTPC11/04/2025
Job Title:	Data Center Systems Engineer
Job Level:	Paterson C4
Vacancy Type:	Internal & External
Salary:	R511,000 to R715,400 Total Cost to Company
Department:	DUBE TRADEPORT
Component:	HEAD OFFICE
Employment Type:	Permanent
Center:	Dube iConnect
Number Of Posts:	1

Duties/Responsibilities:

Job Purpose

To manage the iConnect data centre(s) ensuring that all services are delivered within their SLAs. This takes into consideration all factors affecting the data centre(s) such as power, cooling, lighting, access control, cabling, rack space and IT. To manage the Veeam Backup environments ensuring backups are completed daily.

Service Management

Respond to all faults logged with respect to services provided via the Dube iConnect network and data centre.
Operate the Data Centre environment to ensure that they meet the correct levels of compliance requirement with both uptime and incident SLA obligations.
Work closely with the IT Projects team to assist with new IT installations (Upon approval from the Operations Manager).
Work closely with other DTPC divisions and external organizations to implement solutions that are required for DTPC's own use and collaborate with other Dube iConnect staff in the implementation thereof.
Maintain environmental documentation.
Maintain and update data centre diagrams.
Capture and IT assets the Dube iConnect asset database, and ensure the database is kept up to date in terms of asset movements.

Data Centre and Data Centre Network Maintenance

Provide Dube iConnect systems support and maintenance for the Data Centre.
Verify that adequate power and cooling, with resilience, is supplied to the data centre equipment.
Inspect the power and cooling equipment to ensure that it is working within specification and is regularly serviced by the relevant departments.
Monitor all service providers to ensure that they conform to procedures and standards. This includes cabling, rack layout, rack fit-out and power connections.
Implement, maintain and monitor security measures, particularly where the network connects to the internet.
Routinely perform system redundancy tests of hardware, and connections (links).
Test updates and patches before applying to software, hardware and virtual devices in the live environment.
Keep all equipment up to date with the latest software and hardware patches.
Communicate all environmental changes to service desk and Operations Manager.

Data Centre Support Services

Manage use of Dube iConnect infrastructure, service support structures and related services.
Perform 1st and 2nd level Data Centre hardware support - Setup, configure, install, and troubleshoot server hardware platform.
1st and 2nd level Hypervisor (VMWare, HyperV) support and troubleshooting.
1st and 2nd level Data centre switch support.
1st and 2nd level support and troubleshooting of backup technology.
1st level network support - troubleshoot switches and routers.
Provide support to clients on calls logged on the incident management system as part of existing helpdesk/service desk support team.

Operations Planning

Plan and prepare for all operational procedures and tasks, this includes both preventive and corrective maintenance tasks.
Work with the Dube iConnect commercial team to ensure appropriate capacity planning.
Work closely with the IT Projects team to assist with new IT installations (Upon approval from the Manager Operations).

Reporting

Provide weekly, monthly status reports on IT environment performance, i.e. uptime of environment, bottle necks etc.
Provide monthly and quarterly reports on network capacity utilization.
Provide weekly reports on maintenance and operational activities.

Qualifications and Experience:

CCNA Certification (current) - required
Data Centre Storage Certification - desired
MCSE (current) - desired
Veeam Certification (VMCE) - required
VMWare Certification (VSP Foundation) - required
VMWare Certification (VOP-CP) - required
VMWare Certification (VOP-SE) - desired

Essential Knowledge, Skills and Competencies Required:

2 years or more experience working with Data Centre Storage
 2 years' Backup storage and Veeam software experience.
 2 years' VMware experience.
 1 years' Cisco networking experience.
 This role requires site visits to construction sites and street side manholes.
 Working at heights is required on occasion.
 Code EB Driver's License and own transport required.
 Travel will be required on occasion.
 Veeam - Manage, monitor and ensure daily backups are successful.
 VMware - Manage and Maintain the VMware environment.
 Huawei Storage - Manage and Monitor the Storage infrastructure.
 Huawei Servers - Manage and Monitor the Server infrastructure.
 Microsoft - Install and configure various Microsoft products.
 Cisco - Basic knowledge on configuration of switches and routers.
 Exposure to ITIL concepts.
 Systematic thinking, Innovation and creativity, Analysis and problem solving, Industry awareness, Information seeking, Judgement and decision making, Stress tolerance, Organisational commitment, reliability, Flexibility, self-reliance / independent worker, Energy, Learning focus, Managing change, Coaching and developing others, Teamwork, Developing relationships, Impact and credibility, Proactive communication, Planning, Results focus, Technical and professional knowledge/skills, customer focus, Initiative, Quality focus, Organising and prioritising.

Additional Information

Employment Equity

Preference will be given to Black candidates and/or candidates with disabilities, as per DTPC's Employment Equity Plan.

Remuneration and Benefits

R511,000 to R715,400 Total Cost to Company, inclusive of:
 R840 Medical Allowance per month.
 Company Contribution to Provident Fund and Approved Group Risk Benefit.
 Cellphone allowance of R1,000 per month.
 Non-guaranteed performance bonus.
 20 Working days leave per annum.

How to apply

To apply please log onto the e-Government Portal: <https://www.eservices.gov.za/> and follow the following process;

1. Register using your ID and personal information;
2. Use received one-time pin to complete the registration;
3. Log in using your username and password;
4. Click on "Employment & Labour";
5. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs;

Or, if candidate has registered on eservices portal, access <https://www.eservices.gov.za/>, then follow the below steps:

1. Click on "Employment & Labour";
2. Click on "Click on KZN Provincial Government e-Recruitment Vacancies, S'Thesha Waya Waya";
3. Log in using your username and password;
4. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs;

For support, please send an email to: KZNHelpDeskRecruit@KZNpremier.gov.za

Closing Date : 29 Apr 2025

Disclaimer

DISCLAIMER FOR KZN E-RECRUITMENT SYSTEM

- a) The KwaZulu-Natal Provincial Government and all KwaZulu-Natal Provincial Public Entities are equal opportunity, affirmative action employers, and preference may be given to suitably qualified candidates from designated groups in terms of the Employment Equity Act, 1998. The filling of posts may also be guided by the Departments/ Entities Employment Equity plan/targets.
- b) If you do not hear from us within two months of the closing date, please regard your application as unsuccessful.
- c) Applications received after the closing date will not be considered.
- d) Please clearly indicate the name of the post and reference number of the position for which you are applying.
- e) Applicants applying for posts in KZN Government Departments via the online e-Recruitment system, must upload a copy of their CV onto the system. Certified copies of supporting documents need not accompany your application and CV, as these will be requested from shortlisted applicants only.
- f) Applicants applying for posts in KZN Public Entities via the online e-Recruitment system, must upload copies of all documents, including certified copies of all documents stipulated in the advert of the Public Entity.
- g) It is the responsibility of the applicant to have foreign qualifications evaluated by the South African Qualifications Authority (SAQA), prior to the time the qualification documents are requested to be submitted to the KZN Provincial Department or Public Entity.
- h) Only candidates who meet the requirements may apply.
- i) Appointment is subject to verification of the qualifications of the applicant, reference checking, and securing a positive security clearance, in circumstances where this is in relation to the requirement/s for appointment to the post applied for.
- j) Applications from Recruitment Agencies will not be considered.
- k) Applications sent to incorrect email address will not be considered.
- l) The respective Provincial Departments and Public Entities reserve the right not to make an appointment.
- m) The appointed candidate shall be required to sign a performance agreement.
- n) Reference checks and/or confirmation of employment will be done with the current employer and candidates are advised to include references from the current employment in their application/CV to facilitate this.
- o) The respective Provincial Departments and Public Entities reserve the right to regard a negative record on any verification check or risk assessment conducted, as sufficient grounds for refusal to select a candidate for appointment.

By utilising the KZN Provincial e-Recruitment system, you hereby specifically acknowledge that you have read and accepted the following disclaimer:

I understand and agree that where information is provided, whether personal or otherwise, it may be used and processed by the owner of this e-Recruitment system, and such use may include placing such information in the public domain.

All reasonable measures to protect the personal information of users will be taken, provided that for the purpose of this disclaimer (personal information) will be as defined in the Promotion of Access to Information Act, 2000 (Act No. 2 of 2000) and the Protection of Personal Information Act, 2013 (Act No. 4 of 2013).

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By using the KZN Provincial e-Recruitment system, I specifically consent and submit to the jurisdiction of the South African Courts in regard to all proceedings, actions, applications, or the like, instituted by either party against the other where necessary.

If you do not agree to be bound by these terms, please do not make applications for posts through the KZN Provincial e-Recruitment system.