



## VACANCY ADVERTISEMENT

### Vacancy Information Download

Reference Number:	SITA/20220914/470
BPS Vacancy Number:	VAC07854 (RE 02) - Re Advert
Job Title:	Cloud Solution Architect
Job Level:	D1
Vacancy Type:	Internal & External
Salary Range:	R558347.00 - R837521.00
Organisation Name:	State Information Technology Agency
Division:	ITI: Exec IT Infrastructure Services
Department:	ITI: HOD Hosting
Employment Type:	Permanent
Location:	SITA Centurion
Number Of Openings:	1

#### Purpose of Job:

The role will be responsible for evaluating all business requirements for the development of cloud technology solutions, as well as mapping business requirements to systems technical requirements to ensure compliance with the enterprise architectural plan. The position will also effect service design, validation and testing, application development and customization, service asset and configuration management within the service transition phase.

#### Responsibilities:

Work with clients to design a full stack solution using software that fully integrates with customer s existing cloud infrastructure from data flow, security, DevOps, and other standpoints. Align solutions with the technical Architecture. Develop cloud solutions technical implementation processes. Completes the integration of new applications into the cloud environment and Facilitate the adoption of cloud adoption by supporting cultural change.

#### Qualifications and Experience:

Required Qualification: 3-year National Diploma in IT /Bachelor's Degree in Computer Science, Information Systems/ Engineering or relevant equivalent to NQF Level 6 Plus relevant Professional certification such as ITIL/TOGAF, AWS CCNE, Cloud certification, Cloud Platform and Infrastructure.

Experience: 5-6 experience in Software design and/or development of Systems Operations / Management; Database architecture and/or Virtualization; IP Networking; Storage; IT Security; experience should include: Experience running cloud programs Experience with architecting cloud in a highly regulated environment. Experience with deploying applications into cloud environments. Experience with championing cloud adoption within an organization. Experience with working with operational teams to ensure a supportable architecture. Experienced in microservices and multi-tiered distributed applications which span multi-cloud or hybrid environments.

#### Knowledge:

Knowledge of: Application Architecture Automation and Orchestration Deep understanding of Governance Integration Architecture ITSM/ITOM Outsourcing/External Hosting Security Communication and Collaboration Process and methodologies Virtualization Application Services Architecting, building and administering complex architectures and technologies, Architecting, building and administering large-scale cloud implementations Analytical and problem-solving skills Technical communication skills Proficient in all aspects of solution development including implementation details, developing prototypes, and architectural best practices Understanding of Procurement/Vendor Management Knowledge of all components of a technical architecture Strong understanding of enterprise infrastructure and application components Strong understanding of cloud technology and its implementation across major Cloud providers A broad view of advancements in technology and an in-depth proficiency with new technologies Knowledge of cloud architecture and implementation techniques Capable of internalizing the organization's technical standards Working knowledge of architecture frameworks multiple technologies including but not limited to Multiple cloud platforms Expertise with different architecture and design patterns and tools Knowledge of best practices for IT operations Knowledge of the Private Cloud and Hybrid cloud configurations, patterns and practices Automation and orchestration Ability to create, maintain and organize documentation to support architectural standards and principles. Strong project management skills, with a high aptitude in managing multiple projects. Ability to negotiate with multiple stakeholders Good Knowledge of infrastructure, key processes, and technology-oriented risk issues. Business requirements analysis skills Emerging technology monitoring skills Requirement definition and management skills Solution Architecture and User Experience design skills. Technical competencies: Architecture; and Hosting Management.

#### Technical Competencies

##### Architecture

The creation, iteration, and maintenance of structures such as enterprise and business architectures embodying the key principles, methods and models that describe the organisation's future state, and that enable its evolution. This typically involves the interpretation of business goals and drivers; the translation of business strategy and objectives into an 'operating model'; the strategic assessment of current capabilities; the identification of required changes in capabilities; and the description of inter-relationships between people, organisation, service, process, data, information, technology and the external environment. The architecture development process supports the formation of the constraints, standards and guiding principles necessary to define, assure and govern the required evolution; this facilitates change in the organisation's structure, business processes, systems and infrastructure in order to achieve predictable transition to the intended state. Enterprise, Data, Technical, Solution, Business Architecture included

##### Hosting Management

Data Centre, Cloud

#### Interpersonal and Behavioural Competencies

##### Active listening

The ability to fully concentrate on what is being said rather than just passively 'hearing' the message of the speaker.

##### Analytical thinking

Identifies issues; obtains relevant information, relates and compares data from different sources, and identifies alternative solutions.

##### Continuous Learning

The ability to constantly expand one's skill set.

##### Disciplined

Showing a controlled form of behaviour or way of working, diligently.

##### Resilience

The ability to effectively handle disappointment, rejection and set-backs while still working well and meeting deadlines.

##### Stress Management

The ability to keep functioning effectively when under pressure and maintain self control in the adversity.

#### Additional Requirements

VAC07854 (RE 02)

#### How to apply

To apply please log onto the e-Government Portal: <http://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 <http://www.eservices.gov.za/>, then follow the below steps:

1. Click on "Employment & Labour";
2. Click on "Recruitment Citizen";
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: [egovsupport@sita.co.za](mailto:egovsupport@sita.co.za) or Call: 0801414882

Closing Date : 22 Sep 2022

#### Disclaimer

SITA is an Employment Equity employer and this position will be filled based on Employment Equity Plan Correspondence will be limited to short listed candidates only Preference will be given to members of designated groups

- 1 If you do not hear from us within two months of the closing date, please regard your application as unsuccessful
- 2 Applications received after the closing date will not be considered Please clearly indicate the reference number of the position you are applying for
- 3 It is the applicant s responsibility to have foreign qualifications evaluated by the South African Qualifications Authority SAQA
- 4 Only candidates who meet the requirements should apply
- 5 SITA reserves a right not to make an appointment
- 6 Appointment is subject to getting a positive security clearance, the signing of a balance score card contract, verification of the applicant s documents Qualifications , and reference checking
- 7 Correspondence will be entered to with shortlisted candidates only
- 8 CV s from Recruitment Agencies will not be considered
- 9 CV s sent to incorrect email address will not be considered

\*\*\*\*\*NB: EMAILED CV'S WILL NOT BE ACCEPTED\*\*\*\*\*