



## CYBERSECURITY AND IT TRAINING

# Cloud Infrastructure Architecture and Administration

5 day course

Classroom, online or in-house

## Course overview

Cloud infrastructure removes the constraint that used to limit how much an organisation could build, and consumption pricing means an architecture mistake bills every hour until somebody notices. This course covers building it deliberately. Delegates work through the service models and what each shifts to the provider, compute, storage and networking as they are configured in a cloud environment, and identity as the primary control surface. Availability, regions and resilience design are covered against realistic requirements. Infrastructure as code and repeatable deployment follow. Cost architecture and consumption control are treated as design concerns rather than as an afterthought. The course closes on hybrid and connectivity to on premises systems, and on the shared responsibility boundary.

## What you will learn

- Compare service models and what each shifts to the provider
- Configure compute, storage and networking in a cloud environment
- Use identity as the primary control surface
- Design availability and resilience against a stated requirement
- Deploy repeatably using infrastructure as code
- Architect for cost and control consumption
- Connect to on premises systems and apply the shared responsibility boundary

## Who should attend

- Infrastructure and systems administrators
- Cloud and platform engineers
- IT managers planning cloud adoption
- Security staff assessing cloud environments
- Developers deploying to cloud infrastructure

## Course outline

- 01 Mistakes that bill by the hour
- 02 Service models and shared responsibility
- 03 Compute, storage and networking
- 04 Identity as the control surface
- 05 Availability, regions and resilience
- 06 Infrastructure as code
- 07 Cost architecture and consumption control
- 08 Hybrid connectivity and the responsibility boundary

## Upcoming dates

| Dates                   | Venue                   | Format    | Fee per delegate |
|-------------------------|-------------------------|-----------|------------------|
| 21 to 25 September 2026 | Cape Town, South Africa | Classroom | R19,950          |
| 26 to 30 October 2026   | Kampala, Uganda         | Classroom | USD 1,325        |
| 9 to 13 November 2026   | Lagos, Nigeria          | Classroom | USD 1,325        |
| 14 to 18 December 2026  | Online                  | Online    | R8,500           |



## Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit [www.afrisciencegroup.com](http://www.afrisciencegroup.com), email [info@afriscience.co.za](mailto:info@afriscience.co.za), or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | [info@afriscience.co.za](mailto:info@afriscience.co.za) | Pretoria, Gauteng, South Africa