



CYBERSECURITY AND IT TRAINING

Cloud Security and Data Protection Fundamentals

3 day course

Classroom, online or in-house

Course overview

Cloud adoption has outpaced cloud security capability, and the breaches that follow are almost never a provider failure; they are a storage bucket left open, a key committed to a repository, or an account with permissions nobody reviewed. This course covers the customer's side of the bargain. Delegates work through the shared responsibility model and what genuinely remains yours, identity and access as the primary control surface, and the misconfigurations that account for most incidents. Data protection follows: classification, encryption at rest and in transit, and key management. Logging, monitoring and detection in a cloud environment are covered. Backup, recovery and the ransomware scenario are addressed. The course closes on posture management, on residency obligations, and on securing accounts that were opened without the technology function knowing.

What you will learn

- Apply the shared responsibility model and identify what remains yours
- Use identity and access as the primary control surface
- Find and fix the misconfigurations behind most cloud incidents
- Classify data and apply encryption and key management
- Log, monitor and detect in a cloud environment
- Design backup and recovery against a ransomware scenario
- Manage posture, residency obligations and unsanctioned accounts

Who should attend

- IT and systems administrators
- Cloud and infrastructure engineers
- Data protection officers
- IT security analysts
- Small and medium enterprise technology leads

Course outline

- 01 Not a provider failure
- 02 Shared responsibility and what remains yours
- 03 Identity and access as the control surface
- 04 Common misconfigurations
- 05 Data classification and encryption
- 06 Key management
- 07 Logging, monitoring and detection
- 08 Backup, recovery, residency and unsanctioned accounts

Upcoming dates

Dates	Venue	Format	Fee per delegate
11 to 13 November 2026	Gaborone, Botswana	Classroom	R14,950
14 to 16 December 2026	Online	Online	R6,500
27 to 29 January 2027	Johannesburg, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** 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, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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