

# Cloud Security Training: Hardening Cloud Infrastructure

This Cloud Security Training: Hardening Cloud Infrastructure training covers how to harden your cloud infrastructure to increase the security of your network and your data without sacrificing speed and throughput. This ISACA training can be used to onboard new cloud specialists, curated into individual or team training plans, or as a ISACA reference resource.

[CBT Nuggets course material](#) →

## WEEK 1

### Cloud Infrastructure Components

153 min.

Intro	1
Physical Environment	12
Networking and Communications	13
Compute and Storage	12
Virtualization	6
Management Plane	8

### Secure Datacenter Design

Overview	1
Intro	1
Datacenter Services	8
Datacenter Security	11
Physical Design	7
Temperature and Humidity	7
The Importance of Airflow	9
Multi-Vendor Pathway Connectivity	4

### Cloud Infrastructure Risk and Security

Overview	1
Risk Assessments	12
Cloud Infrastructure Risk and Security	12
Cloud Specific Risks	6
Virtualization Risks	7
Countermeasure Strategies	7
Physical and Environmental Protection	6

## WEEK 2

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**84 min.**

System and Communication Protection 10

### **Protecting Virtualized Systems and BCDR**

Overview 1

Protecting Virtualized Systems 11

Identification, Authentication and Authorization 8

Audit Mechanisms 9

Risks Related to the Cloud and BCDR 12

Business Requirements for BCDR 9

BCDR Strategy and Planning 14

BCDR Testing 8