

Domain 7 Infrastructure and Networking

Foundational Infrastructure Security Techniques:

- **Secure architecture:** properly segregating resources and networks.
- **Secure deployment and configuration:** hardening all cloud infrastructure components, including virtual machines (VMs), containers, storage, and networking.
- **Guardrails** are **preventative** and reactive controls that either block an undesired outcome (e.g., block use of regions, public object storage, or specific cloud services that aren't approved) or auto-remediate/correct a policy violation + logging and monitoring. **Amazon Web Service (AWS)** / **Microsoft Azure Policies** : enforce security policies.