

AZ-104 Cheat Sheet

High-yield Azure Administrator review for the last pass before practice tests.

BEST FOR

Last review before practice test or lab session

FOCUS

Admin concepts, service purpose, governance, and operations

USE WITH

Quick Summary + Service Map

1. Identity and governance

Microsoft Entra ID — Tenant directory for users, groups, devices, and app identities.

RBAC — Grants least-privilege access at management group, subscription, resource group, or resource scope.

Azure Policy — Audits or enforces standards such as allowed SKUs, locations, or required tags.

Resource Locks — Use CanNotDelete or ReadOnly to reduce accidental changes.

Management Groups — Apply governance above multiple subscriptions.

2. Storage essentials

Storage Account — Top-level namespace for blobs, files, queues, and tables.

Redundancy — LRS is local; ZRS spans zones; GRS/GZRS add regional disaster protection.

SAS — Delegated time-limited access without sharing account keys.

Blob Lifecycle — Automatically move or delete blobs by age or access pattern.

Soft Delete + Versioning — Protect against accidental delete or overwrite.

3. Compute and apps

VMs — Choose when you need OS control, custom software, or lift-and-shift workloads.

VM Scale Sets — Use for many identical VMs with autoscaling.

App Service — Managed web hosting with scaling, TLS, backups, and deployment slots.

Azure Container Instances — Fast single-container runs without managing orchestration.

Azure Container Apps — Managed container platform for microservices and event-driven apps.

4. Virtual networking

VNets and Subnets — Private network boundaries for Azure resources.

VNet Peering — Low-latency private connectivity between VNets.

NSGs — Allow or deny traffic with inbound and outbound security rules.

Private Endpoint — Private IP access to PaaS services over Microsoft backbone.

Azure Bastion — Browser-based RDP/SSH to VMs without public IPs.

5. Monitoring and recovery

Azure Monitor — Central place for metrics, logs, alerts, and insights.

Action Groups — Define who gets notified or what automation runs after an alert.

Network Watcher — Troubleshoot connectivity, NSGs, routes, and packet capture.

Azure Backup — Protect VMs, files, and workloads with policies and restore points.

Site Recovery — Replicate workloads for disaster recovery and failover.