



CAP[®] Exam Blueprint

Cloud Architecture Practitioner. What the exam asks, how it is scored, and what share of questions each domain carries.

CAP® Cloud Architecture Practitioner

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At a glance

Questions	120
Time	150 minutes
Format	120 architecture-scenario items, 150 minutes
Pass mark	70% scaled score
Retakes	1 retake included within 12 months
Refunds and rescheduling	Non-refundable; free reschedule up to 24h prior
Credential lasts	3 years. 45 TDUs every 3 years to renew.

Who it is for and who can sit it

Who it is for	Cloud architects, DevOps leads, systems engineers (3–6 years)
With a degree	Hands-on experience deploying multi-region or hybrid cloud infrastructure (3+ years)
Without a degree	48 months hands-on cloud systems engineering and networking

Share of questions by TPBOK domain

Domain	Share	What is covered
Architecture & Systems Design	34%  about 41 of 120 questions	Hybrid mesh architectures, cloud-agnostic abstractions, and resilient distributed storage
Engineering Governance & Agile Delivery	16%  about 19 of 120 questions	Terraform/OpenTofu pipeline standards, drift detection, and automated canary rollouts

Domain	Share	What is covered
Applied AI & Emerging Tech Integration	10%  about 12 of 120 questions	Cloud AI managed endpoints vs self-hosted Kubernetes GPU clusters
Infrastructure & Security	34%  about 41 of 120 questions	Identity Federation (OIDC/SAML), DDoS mitigation, egress controls, and FinOps
People Leadership in Engineering	6%  about 7 of 120 questions	Cloud Center of Excellence (CCoE) governance and multi-cloud architectural reviews

Focus areas

- Vendor-neutral multi-cloud topologies and egress minimization strategies
- Zero-trust perimeter security, VPC peering, and service mesh governance
- FinOps practices: spot instance fleets, reserved capacity, and architectural cost modeling
- Multi-region high availability, geo-distributed database replication, and chaos engineering

Scoring. Tiered standard: 65% for foundational (ATP), 70% for CTP and specialty credentials, 75% for executive leadership (PgTP, PfTP). Evaluated via psychometrically calibrated scaled scoring with no negative marking.

Rescheduling. Reschedule-only. Examination voucher fees are non-refundable once registered. However, candidates can reschedule their exam sitting free of charge up to 24 hours prior to their scheduled exam window.

IICTP is a new independent credential and is not ISO/IEC 17024 accredited. Blueprint version 1.0, 21 October 2026. Domain shares are the share of questions on each exam form. See all credentials at <https://www.iictp.org/certifications/exam-facts>.