

CTP® Certified Technical Practitioner

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

At a glance

Questions	150
Time	180 minutes
Format	150 scenario-based questions, 180 minutes, timed online with an integrity attestation
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. 60 TDUs every 3 years to renew.

Who it is for and who can sit it

Who it is for	Tech leads, engineering managers, senior IT PMs (3–7 years)
With a degree	Bachelor's degree + 36 months technical leadership experience
Without a degree	High school diploma + 60 months technical leadership experience

Share of questions by TPBOK domain

Domain	Share	What is covered
Architecture & Systems Design	30%  about 45 of 150 questions	Microservices, event-driven streaming, caching tiers, scalability trade-offs, and incremental legacy migration
Engineering Governance & Agile Delivery	24%  about 36 of 150 questions	Release trains, architectural decision records (ADRs), technical debt management, flow metrics, and tailoring the delivery approach

Domain	Share	What is covered
Applied AI & Emerging Tech Integration	18%  about 27 of 150 questions	RAG system topologies, vector databases, enterprise AI security, and the machine learning life cycle (training data, fine-tuning, model operations)
Infrastructure & Security	18%  about 27 of 150 questions	Observability (metrics, logs, traces), Kubernetes scaling, threat modeling, software supply chain security, and infrastructure as code
People Leadership in Engineering	10%  about 15 of 150 questions	Squad leadership, technical mentoring, engineering career alignment, psychological safety, team design, and stakeholder trade-offs

Focus areas

- Distributed systems architecture, failure domain isolation, and CAP trade-offs
- Technical debt quantification, release train engineering, and DORA software delivery performance metrics
- Applied LLM, RAG and machine learning model integration into core product services
- Zero-trust network perimeters, container orchestration, and incident retrospectives

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>.