

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank[®] Learning publications to make the learning fun and engaging
- Hands-on labs and design case studies on live Google Cloud projects
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by Google Cloud-certified practitioners
- Six months mentoring access to our engineers after the course

TRAINING CAMP FORMAT

thinQtank[®] Learning delivers this course as a **four-day instructor-led training camp**, Monday to Thursday. About 50% lecture and 50% hands-on labs and design case studies. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- 3+ years of industry experience including 1+ years designing and managing production systems using Google Cloud (Google's recommendation)
- Associate Cloud Engineer, or equivalent hands-on Google Cloud experience, is a strong foundation

TARGET AUDIENCE

- DevOps engineers
- Site reliability engineers (SREs)
- Platform / release engineers
- Cloud operations engineers

CERTIFICATION

This course prepares you for the Google Cloud Professional Cloud DevOps Engineer certification exam.

Delivery	Online proctored or Pearson VUE test center
Format	50–60 questions, 120 minutes
Exam fee	\$200, set by Google Cloud
Renewal	Valid 2 years

COURSE OVERVIEW

thinQtank[®] Learning is offering a unique four-day training camp comprised of four days of instructor-led learning that gives students the knowledge and skills needed to bootstrap and maintain a Google Cloud organization, build CI/CD pipelines with continuous testing, apply site reliability engineering practices, implement observability and troubleshooting, and optimize performance and cost.

The camp follows the five sections of the current Google Cloud Professional Cloud DevOps Engineer exam guide, with hands-on labs and design case studies on live Google Cloud projects throughout.

This course prepares you for **the Google Cloud Professional Cloud DevOps Engineer certification exam**.

WHAT YOU WILL BE ABLE TO DO

- Design the resource hierarchy and manage infrastructure and multiple environments
- Design CI/CD architecture for Google Cloud, hybrid and multi-cloud
- Design, implement and secure CI/CD pipelines including configuration and secrets
- Balance change, velocity and reliability and manage the service lifecycle
- Mitigate incident impact on users
- Instrument telemetry and manage logs, metrics, dashboards, alerts and traces
- Troubleshoot issues and apply FinOps practices to optimize performance and cost

EXCLUSIVE LEARNING PACKAGE

- Professional Cloud DevOps Engineer reading plan and review guide
- Professional Cloud DevOps Engineer practice exams
- Lab guide you keep after the course
- Course video recordings for review

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

GOOGLE CLOUD CERTIFICATION PATHS				
Foundational Cloud Digital Leader · Generative AI Leader Business, sales and non-technical roles	Associate Cloud Engineer · Workspace Admin · Data Practitioner Hands-on admins and early-career engineers	Infrastructure & Apps Architect · Developer · DevOps · Network · Database Architects, developers and operators	Data & AI Data Engineer · ML Engineer · Agentic Architect Data and AI builders	Security Cloud Security Engineer · Security Operations Engineer Security engineers and SOC teams

COURSE MODULES	
01 Resource Hierarchy and Infrastructure Management	02 CI/CD Architecture and Environments
03 Secure Cloud Development Environments	04 Designing CI/CD Pipelines
05 Implementing Pipelines, Configuration and Secrets	06 Securing the Deployment Pipeline
07 SRE: Balancing Change, Velocity and Reliability	08 Service Lifecycle and Incident Mitigation
09 Telemetry, Logs and Metrics	10 Dashboards, Alerts and Distributed Tracing
11 Troubleshooting	12 Performance and FinOps Cost Optimization
13 Exam Review	

EXAM DOMAINS		
Bootstrapping and maintaining a Google Cloud organization		20%
Building and implementing CI/CD pipelines, including continuous testing, for application, infrastructure, and machine learning workloads		25%
Applying site reliability engineering practices		18%
Implementing observability practices and troubleshooting issues		25%
Optimizing performance and cost		12%

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LEARNING

TERMS

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