

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Exam delivery in the classroom, with a **98% success rate**
- **We do not teach the test.** Extended hours of immersive, hands-on work
- All reading material and study guides sent to you when you register
- Every course taught by practising network architects

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as an **instructor-led training camp**, with the exam sat in the classroom as part of the camp. Camps are scheduled by cohort rather than to a fixed calendar, and the balance of lecture and design work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- Foundational knowledge equivalent to CompTIA Network+, Security+ and Cloud+
- Hands-on experience designing and operating hybrid cloud networks
- **This is an Xpert Series exam.** CompTIA recommends around ten years in IT including five in a network architect role — this camp assumes that background rather than building it

TARGET AUDIENCE

- Network and cloud architects designing across on-premises and multiple clouds
- Senior network engineers moving from implementation into architecture
- Consultants who design hybrid networks for clients and must defend those designs
- Service members, veterans and military spouses using AF COOL, Army CA, MyCAA or VET TEC 2.0

EXAM

CNX-001 — CompTIA CloudNetX

90 questions, 165 minutes, pass/fail — no scaled score.

CloudNetX is scored **pass/fail with no scaled score** — unusual for CompTIA, and worth knowing before you sit it. It was released on 18 February 2025 as part of the CompTIA Xpert Series.

DELIVERY METHODS

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

COURSE OVERVIEW

thinQtank® Learning offers an industry-unique training camp in which students earn the **CompTIA CloudNetX** certification. As with all our CompTIA training experiences, the exam is delivered in the classroom.

CloudNetX is CompTIA's **Xpert Series** credential for the network architect. It is not an implementation exam: it is about designing connectivity, security, operations and performance across on-premises and multiple cloud providers at once, and being able to justify the trade-offs to people who will live with them.

The course maps to exam **CNX-001**, with objective coverage marked throughout. Students work design problems rather than configuration tasks, and take the exam in the classroom on the final day.

WHAT YOU WILL BE ABLE TO DO

- Design a hybrid, multi-cloud network and defend the trade-offs you made
- Build security into the architecture rather than bolting it on afterwards
- Plan for the operations and monitoring the design will need on day two
- Troubleshoot across a boundary where no single team owns the whole path

COURSE OBJECTIVES

Primary course objectives:

- Design network architecture across on-premises, hybrid and multi-cloud estates
- Choose connectivity models: peering, transit, direct connect, SD-WAN and overlays
- Design addressing, segmentation and routing that survives growth and acquisition
- Build zero-trust principles, edge protection and encryption into the design
- Design for resilience: availability zones, failover, redundancy and blast radius
- Plan observability: telemetry, monitoring, logging and the metrics that matter
- Design for performance and cost together, and troubleshoot across provider boundaries

EXCLUSIVE LEARNING PACKAGE

- Hybrid multi-cloud design lab spanning on-premises and two providers
- Reference architectures and design-decision record templates
- CloudNetX video course
- Performance and troubleshooting scenario set
- CloudNetX reading plan and review guide
- CloudNetX certification practice exam

COURSE MODULES

- 01 Network Architecture Design 31%**

 - Topic A: Requirements, constraints and design trade-offs
 - Topic B: Hybrid and multi-cloud connectivity models
 - Topic C: Addressing, segmentation and routing at scale
 - Topic D: SD-WAN, overlays and software-defined networking
 - Topic E: Resilience, availability zones and blast radius
 - Topic F: Documenting and defending a design decision
- 02 Network Security 28%**

 - Topic A: Zero-trust principles applied to network design
 - Topic B: Segmentation, micro-segmentation and east-west control
 - Topic C: Edge protection, firewalls and secure access service edge
 - Topic D: Encryption in transit and key management
 - Topic E: Identity, access and cross-cloud trust
 - Topic F: Compliance and data residency in the design
- 03 Network Troubleshooting 25%**

 - Topic A: Methodology across provider boundaries
 - Topic B: Connectivity, routing and DNS faults
 - Topic C: Latency, throughput and packet loss
 - Topic D: Security controls that break traffic
 - Topic E: Evidence gathering when you do not own the path
- 04 Operations, Monitoring and Performance 16%**

 - Topic A: Telemetry, logging and observability design
 - Topic B: Capacity planning and performance baselines
 - Topic C: Automation and change management for networks
 - Topic D: Cost, performance and where they conflict

WHAT IT COSTS, WHAT IS INCLUDED

Training camp, five days	\$2,895
CompTIA CloudNetX exam voucher (CNX-001)	\$470
Exam sat in the classroom on the final day	included
Retakes of any part of the course for 24 months	included
Six months mentoring with our engineers	included

WAYS TO PAY

- **AF COOL** — Air Force and Space Force enlisted
- **Army Credentialing Assistance** — enlisted and warrant officers
- **MyCAA** — military spouses
- **VET TEC 2.0** — veterans and separating service members
- **thinQflex™** — name your own price, paid over twelve months

WHERE IT RUNS

- **Sterling, VA** — 21481 Ridgetop Cir
- **Atlanta, GA** — 431 Marietta St NW
- **Burbank, CA** — 3301 N San Fernando Blvd
- Five days, Monday to Friday. Also delivered live-online and on-site.

TERMS



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