Cisco CCNA: Enterprise Networking

Configure, secure and troubleshoot enterprise networks — aligned to the Cisco CCNA 200-301 exam.

DURATION	FORMAT	LEVEL	LABS
40 hours	Onsite, online or hybrid	Foundation	Cloud sandbox included

About this programme

A hands-on Cisco networking programme for teams who build and run enterprise networks. Engineers configure switches and routers in virtual labs, from VLANs and OSPF to wireless, security and automation, and finish ready to sit the CCNA certification.

Who it is for: Network and system engineers, NOC/IT support staff and graduates moving into networking

What your team will be able to do

- Design IPv4/IPv6 addressing and subnetting schemes for real sites
- Configure VLANs, trunking, EtherChannel and spanning tree on Cisco switches
- Set up static and OSPF routing and troubleshoot connectivity end to end
- Secure devices and networks with ACLs, port security and AAA
- Automate routine network tasks with REST APIs, Ansible and Python basics

Before you start

- Basic computer and operating-system skills
- No networking experience needed

Course outline

We send the module-by-module outline with your proposal, adapted to your team's tools and goals.

Assessment and certification

How learning is checked

- A short knowledge check on day one and again at the end, so you can see each person's progress
- Graded hands-on labs in every module, reviewed by the trainer
- A final exercise that applies the programme to a problem like your team's own
- A timed practice exam in the format of the real one, with a review of every answer

Certificate and exams

- Participants who complete the programme receive a Cognitive Networks AI certificate of completion.
- Prepares your team for the Cisco CCNA exam. Exam vouchers are not included: each participant books the exam with Cisco Systems.

Formats and cohort size

- Onsite: At your office or a venue you choose, in full days.
- Online, live: Instructor-led over video, usually in half-day sessions so people can keep up with work.
- Hybrid: Some days in a room together, the rest online. Useful when a team works across cities.

Cohort size: 15 to 25 people per trainer. Larger teams run as parallel cohorts on the same outline, so everyone learns the same thing.

Pricing: We quote per cohort, based on duration, format and number of cohorts. There is no per-seat price list: tell us your team and we send a proposal within one business day.

Bring this programme to your team

Request a proposal at cognitivenetworks.ai/contact?programme=ccna

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