Garnet
Garnet Global Training Center

GGT-TC-113

Telecommunications

Data Centre Networking

شبكات مراكز البيانات

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Data Centre Networking practise the methods, tools and standards they need to perform reliably and solve problems on the job. Network, spectrum and service programs for operators and enterprise telecom teams. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Data Centre Networking to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

Who should attend

Telecom engineers, network planners, operations and regulatory staff. Practitioners with one to five years of experience benefit most.

Key topics

- Network architecture
- Radio and spectrum
- Fibre and transmission
- Service assurance
- Regulation and licensing
- Emerging technologies

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Data Centre Networking: principles and standards

- Service assurance
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Regulation and licensing
- Emerging technologies

Day 3 Diagnosis and problem solving

- Network architecture
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Radio and spectrum
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Fibre and transmission
- Checklists and templates to take away

10-day outline

Day 1 Data Centre Networking: principles and standards

- Service assurance
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Regulation and licensing
- Emerging technologies

Day 3 Diagnosis and problem solving

- Network architecture
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Radio and spectrum
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Fibre and transmission
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Measurement and reporting

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
1–5 Feb 2027	5-day online	Live online	English	2,950
12–16 Jul 2027	5-day classroom	Kuala Lumpur	English	4,750
1–12 Aug 2027	10-day classroom	Riyadh	English	8,950
20–24 Sep 2027	5-day classroom	Vienna	English	4,750
20–31 Mar 2028	10-day classroom	Abu Dhabi	English	8,950
1–5 May 2028	5-day classroom	Dubai	English	4,750
5–9 Jun 2028	5-day classroom	Kuala Lumpur	English	4,750
20 Nov – 1 Dec 2028	10-day online	Live online	Arabic	5,450
12–23 Feb 2029	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
2–6 Apr 2029	5-day classroom	Dubai	Arabic	4,750
21–25 May 2029	5-day classroom	Istanbul	English	4,750
10–14 Dec 2029	5-day online	Live online	English	2,950
17–28 Feb 2030	10-day classroom	Riyadh	Arabic	8,950
1–5 Jul 2030	5-day classroom	Abu Dhabi	English	4,750
9–20 Sep 2030	10-day online	Live online	English	5,450
21–25 Oct 2030	5-day classroom	Dubai	English	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/