

Cisco Certified Design Associate Design

Telecom Engineering Düsseldorf (Germany) 10 - 14 Mar 2025

uk Traininig **PARTNER**

www.blackbird-training.com



Cisco Certified Design Associate Design

Ref: 321691_144002 **Date:** 10 - 14 Mar 2025 **Location:** Düsseldorf (Germany) **Fees:** 4200 **Euro**

Introduction

CCNP Collaboration is a professional-level certification offered by Cisco that validates the skills and knowledge required to design, deploy, configure, and troubleshoot collaboration and unified communication solutions. It covers a range of topics related to Cisco's collaboration technology, including IP telephony, video, messaging, presence, and collaboration endpoints.

Course Objective

The CCNP Collaboration certification training is designed to validate the skills and knowledge required to design, implement, configure, and troubleshoot Cisco collaboration and unified communication solutions.

Course Outline

Day 1

Cisco Collaboration Applications

- Understanding Cisco Collaboration Solutions and Applications
- Cisco Unified Communications Manager CUCM Administration
- Cisco Unity Connection Administration
- Cisco Unified IM and Presence Administration

Day 2

Cisco Collaboration Edge Architecture

- Understanding Cisco Collaboration Edge Architecture
- Cisco Expressway Basic Setup and Configuration
- Cisco Unified Border Element CUBE Configuration

Day 3

Cisco Collaboration Call Control and Dial Plan





- Understanding Call Routing in CUCM
- Configuring Digit Manipulation in CUCM
- Configuring Path Selection in CUCM
- Configuring Call Admission Control CAC in CUCM

Day 4

Cisco Collaboration Media Resources

- Understanding Media Resources in CUCM
- Configuring Conference Bridges in CUCM
- Configuring Media Termination Points MTPs in CUCM
- Configuring Music on Hold MoH in CUCM

Day 5

Cisco Collaboration Applications and Quality of Service QoS

- Configuring Cisco Jabber and Cisco Webex Teams
- Understanding Cisco Quality of Service QoS Requirements for Collaboration
- Configuring QoS for Collaboration Traffic in the LAN and WAN
- Troubleshooting Collaboration Solutions





Blackbird training cities

Accra1 (Ghana)	Amman (Jordan)	Amsterdam (Netherlands)	Annecy (France)
Baku (Azerbaijan)	Bali (Indonesia)	Bangkok (Thailand)	Bangkok (Thailand)
Barcelona (Spain)	Batumi (Georgia)	Beijing (China)	Beirut (Lebanon)
Berlin (Germany)	Birmingham (UK)	Bordeax (France)	Boston,Massachusetts (USA)
Brussels (Belgium)	Cairo (Egypt)	Cape Town (South Africa)	Casablanca (Morocco)
Cascais (Portugal)	Copenhagen (Denmark)	Doha (Qatar)	Dubai (UAE)

Düsseldorf (Germany)

Head Office: +44 7480 775 526 | 0 7401 177 335 Email: training@blackbird-training.com Website: www.blackbird-training.com





Blackbird Training Category



Human Resources



Secretary & Admin



Supply Chain & Logistics



Health & Safety



Aviation



Audit & Quality Assurance



Law and Contract Management



Management & Leadership



Telecom Engineering



C-Suite Training



Finance, Accounting, Budgeting



Project Management



Professional Skills



Hospital Management



Agile and Refinement



Marketing, Sales, Customer Service



IT & IT Engineering



Oil & Gas Engineering



Customs & Safety





Blackbird training Clients

Β.

Booking.com

Netherlands



MANNAI Trading Company WLL, **Qatar**



Nigeria

QN

Qatar No (C

Ce

GAC

UNE FILIALE D'EGA

Alumina Corporation

Guinea



Qata ank Oatar



Oatar Foundation, Oatar



Oxfam GB International Organization, **Yemen**



Capital Markets Authority, Kuwait



KFAS Kuwait



Reserve Bank of Malawi, **Malawi**



ral Bank of Nigeria Nigeria



Ministry of Interior, KSA

eni

ENI CORPORATE UNIVERSITY, Italy



AFRICAN UNION ADVISORY BOARD ON CORRUPTION, Tanzania

Mabruk Oil Company Libya



Ś

General Organization for Social Insurance KSA

General Or

الشركة السعودية للكهريا. Saudi Electricity Company

BPKH Badan Pengelola Keuangan Haji

BADAN PENGELOLA KEUANGAN Haji, Indonesia



Defence Space Administration



NATO

Italy

الصناعات الوطنية (القابدية) National Industries Group (Holding), Kuwait



North Qil company,



EKO Electricity



Hamad Medical Corporation, **Oatar**



Oman Broadband



USAID Pakistan

بنك الخليج GULF BANK

Gulf Bank Kuwait



UN.



STC Solutions, KSA





Head Office: +44 7480 775 526 | 0 7401 177 335 Email: training@blackbird-training.com Website: www.blackbird-training.com

ES BLACKBIRD FORTRAINING

LONDON TRAINING PROVIDER