


Course Name	Cisco Certified Technician (CCT) Data Center (DCTECH 010-151) Certification Training	
About the Course	Cisco Certified Technician Data Center (CCT Data Center) certification focuses on the skills required for onsite support & maintenance of Cisco Unified Computing Systems & servers. Technicians in this area must be able to identify Cisco Unified Computing System components & servers, accessories, cabling & interfaces; understand Cisco UCS and NX-OS operating modes & identify commonly-found software; and be able to use Cisco Graphical User Interface to connect and service product components.	
Key Skills You Will Learn	Introduce and explain the competencies and strategy behind the CCT Data Center certification, Understand Cisco Data Center Basics, Understand Cisco Equipment and Related Hardware, Understand Cisco UCS and Cisco NX-OS software operation, Understand CCT Data center service-related knowledge	
Course Pre-Requisite	General grasp of basic IT Pro fundamentals	
Target Audience	The primary audience for this course is onsite support technicians, who need product-specific technical skills to diagnose, restore, repair, and replace critical Cisco Data Center Solutions, Field support engineers	
Job prospects with this role	A Cisco Certified Technician (CCT) Data Center course can lead to entry-level IT careers, such as: CCT or Cisco Technical Assistant (CTA), data center management, network administration, and technical support staff	
Course Duration	~ 10 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL CCT (Cisco Certified Technician) Data Center Certificate	
Mode of Training	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
Course Fees	Please contact us	
Refund Policy	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
Job Assistance	Not applicable	
Contact	<p>READYBELL SOFTWARE SERVICES PVT. LIMITED AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091 E-MAIL: contact@readybellsoftware.com PH: +91 - 9147708045/9674552097, +91 - 33-79642872</p>	 <p>ReadyBell Software Services Pvt. Ltd.</p>

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
Cisco Certified Technician (CCT) Data Center (DCTECH 010-151) Certification Training	Introduction to the CCT Data Center Certification	10 Hrs
	Module 1: The CCT Data Center Certification	
	Introduction	
	Cisco Certification Paths	
	The CCT Data Center Certification	
	The CCT Data Center Learning Path	
	Module 2: The CCT Data Center Exam	
	Introduction	
	The CCT Data Center Exam Format	
	Sample CCT Data Center Exam Questions	
	Strategies for Exam Success	
	Additional Web-based Study Resources	
	CCT Data Center: Cisco Data Center Basics	
	Module 3: Typical Data Center Physical and Layer 2 Components	
	Introduction	
	Describe a Data Center	
	Differentiate Between Ethernet, FastEthernet, and Gigabit Ethernet	
	UTP and Its Connectors	
	Fiber and Its Connectors	
	Twinaxial and Its Connectors	
	RAID Storage	
	NVMe and PCIe SSDs	
	Module 4: Typical Data Center Technologies	
	Introduction	
	Describe Virtualization	
	Describe Cloud Computing	
Describe SAN Technology		
Describe SAN Cabling		
Describe SFP and QSFP Transceivers		

	CCT Data Center: Cisco Equipment and Hardware	
	Module 5: Understanding Core Cisco UCS Component	
	Module Introduction	
	Describe the Cisco UCS Components	
	Describe Cisco UCS Fabric Interconnects	
	Describe Cisco UCS B-series Servers	
	Describe Cisco UCS C-series Servers	
	Identify Cisco UCS Chassis Layouts and Common LEDs	
	Describe Cisco UCS E-series Servers	
	Describe Cisco UCS S-series Servers	
	Describe Cisco UCS Network Adapters and Expansion Modules	
	Module 6: Additional Cisco Data Center Hardware Solutions	
	Overview	
	Describe the Need for Cisco ACI	
	The Components of Cisco ACI	
	Describe Cisco NX OS Mode	
	Describe Cisco Nexus Switches	
	Describe the Cisco MDS 9700 Family Components	
	Describe Cisco MDS 9000 Storage Networking Modules	
	CCT Data Center: Cisco UCS and NX-OS Software Operation	
	Module 7: Cisco UCS Software Operation	
	Module Overview	
	Using DevNet to Practice with the Cisco UCS	
	Describe the Cisco Integrated Management Controller	
	Describe Features and Functionality of Cisco UCS Manager	
	Using Cisco UCS Manger	
	Module 8: Cisco NX-OS Software Operation	
	Module Introduction	
	NX-OS Command Modes	
	Using the NX-OS Command Modes	
	Using Basic NX-OS Commands	
	Verify Configurations	
	Using the Device File System	
	Typical Password Recovery Procedures	

	CCT Data Center: Service-related Knowledge	
	Module 9: Initial Setup and Installation of Devices	
	Module Introduction	
	Cisco Naming Conventions	
	Perform Initial Setup Tasks	
	Make a Physical Connection to the CON Port	
	Using Initial Setup Scripts	
	Perform Remedial Procedures	
	Module 10: Upgrading Cisco Devices	
	Module Introduction	
	Perform the UCS FI Upgrade Downgrade Procedure	
	Upgrade the Firmware Using the GUI	
	Configure Firmware Automatic Synchronization	
	Upgrade CIMC Firmware on a Cisco UCS C-series Server	
	Module 11: Troubleshooting Cisco Devices	
	Module Introduction	
	Troubleshoot Cisco UCS Servers	
	Use the Hardware Tools Needed for Repair	
	Software Tools	
	Service Restoration Verification	
To register for this course please e-mail/call us		