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## Introducing Cisco Data Center Technologies

**Duration: 5 Days**    **Course Code: DCICT**

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### Overview:

DCICT is the 2nd of the introductory courses required for students looking to achieve the Cisco Certified Network Associate certification. This course will introduce students to the Cisco technologies that are deployed in the Data Center : unified computing, unified fabric, and network services. Students will only learn how to perform the more basic configuration tasks. Labs will focus on verifying configurations, with selected exercises involving making configuration changes or designing new topologies.

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### Target Audience:

This course is designed for Engineers new to Data Center networking.

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### Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
  - Describe and verify Cisco data center fundamentals
  - Describe Cisco data center virtualization
  - Describe Cisco data center storage networking
  - Describe Cisco data center unified fabric
  - Describe and verify Cisco UCS
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### Prerequisites:

To gain the prerequisite skills and knowledge, Cisco strongly recommends the knowledge of the following courses:

- DCICN - Introducing Cisco Data Center Networking

### Testing and Certification

Recommended as preparation for:

- 640-916 -Introducing Cisco Data Center Technologies (DCICT)  
This is one of two exams required for delegates looking to achieve the Cisco Certified Network Associate (**CCNA**) **Data Center** Certification. Delegates will also need the 640-911 DCICN exam.
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### Follow-on-Courses:

- DCUCI - Cisco Data Center Unified Computing Implementation
  - DCUFI - Implementing Cisco Data Center Unified Fabric
  - DCUCD - Cisco Data Center Unified Computing Design
  - DCUFD - Designing Cisco Data Center Unified Fabric
  - DCUCT - Troubleshooting Cisco Data Center Unified Computing
  - DCUFT - Troubleshooting Cisco Data Center Unified Fabric
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## Content:

### Cisco Data Center Network Services

- Examining Functional Layers of the Data Center
- Reviewing the Cisco Nexus Product Family
- Reviewing the Cisco MDS Product Family
- Monitoring the Cisco Nexus 7000 and 5000 Series Switches
- Describing vPCs and Cisco FabricPath in the Data Center
- Using OTV on Cisco Nexus 7000 Series Switches

### Cisco Data Center Virtualization

- Virtualizing Network Devices
- Virtualizing Storage
- Virtualizing Server Solutions
- Using the Cisco Nexus 1000V Series Switch
- Verifying Setup and Operation of the Cisco Nexus 1000V Series Switch

### Cisco Data Center Storage Networking

- Comparing Storage-Connectivity Options in the Data Center
- Describing Fibre Channel Storage Networking
- Verifying Fibre Channel Communications on Cisco MDS 9000 Series Multilayer Switches

### Cisco Data Center Unified Fabric

- Describing DCB
- Identifying Connectivity Options for FCoE on the Cisco Nexus 5000 Series Switch
- Describing Enhanced FCoE Scalability with Cisco Nexus 2232 10GE Fabric Extenders

### Cisco UCS

- Describing the Cisco UCS B-Series Product Family
- Describing the Cisco UCS C-Series Product Family
- Connecting Cisco UCS B-Series Blade Servers
- Setting up an Initial Cisco UCS B-Series Cluster
- Describing Cisco UCS Manager Operations
- Describing Cisco UCS Manager Pools, Policies, Templates, and Service Profiles

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## Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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