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## Cisco Unity Design & Networking

**Duration: 4 Days**    **Course Code: CUDN**

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### Overview:

This 5-day course is an advanced course for engineers responsible for the design of sustainable complex Unity solutions based upon customer requirements. Upon completion of this course, you should have a higher degree of confidence that the designs you provide for your customers meet the criteria of being sustainable and reducing post-deployment support requirements.

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### Target Audience:

This course will be aimed at engineers responsible for the design of sustainable complex Unity solutions

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### Objectives:

- Explain the impact of different messaging environments (Domino/MS) upon a Unity design.
  - Design a large voicemail solution.
  - Network Unity with legacy voicemail systems. Explain approved Cisco Unity deployment models.
  - Apply a repeatable design methodology
  - Design solutions that meet specific customer needs. Design solutions that meet specific customer needs. Design solutions that interoperate with legacy voicemail systems
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### Prerequisites:

Delegates are required to meet the following prerequisites:

- CCDA
- CIPT
- UCSE
- Microsoft Certified System Engineer (MCSE) certification with an emphasis on Microsoft Exchange 2000 or 2003 is strongly recommended.
- Microsoft skills in Active Directory, SQL, Exchange.

### Testing and Certification

Recommended as preparation for exam(s):

642-071 CUDN

This course is part of the Cisco Unified Communications Design Specialisation.

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### Follow-on-Courses:

None recommended at present

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## Content:

### Course Introduction

- Overview – Learner Skills and Knowledge
- Course Goal and Objectives
- Course Outline etc

### Designing Unity Solutions

- Determining Presales Requirements
- Developing a Preliminary Design and Budget
- Analyzing Requirements
- Finalizing the design process
- Defining Messaging Models
- Lesson Assessments

### Infrastructure Components

- Database and Directory Components
- Directory with Windows 2000
- The Mailstore with Exchange 2000
- Directory and Mailstore with Exchange 5.5
- Coexistence of Exchange
- Directory and Mailstore with Domino
- How Unity interacts with Directories
- Auxiliary Components
- Lesson Assessments

### Large-Scale, Voice-Mail-Only Systems

- Infrastructure Considerations
- Capacity-Planning Considerations
- Deployment ConsiderationsLesson Assessments

### Cisco Unity Deployment Models

- Common Dial Plan Issues
- Common Bandwidth Provisioning Issues
- Common Branch Office Voice Mail Issues
- Messaging Design Rules
- Lesson Assessments

### Voice Mail Interoperability

- Designing VPIM Solutions
- Implementing VPIM
- Unity Bridge and Avaya Interoperability
- Unity Bridge and Avaya Design Guidelines
- Implementing Unity BridgeLesson Assessments

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## Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

[info@globalknowledge.ie](mailto:info@globalknowledge.ie)

[www.globalknowledge.ie](http://www.globalknowledge.ie)

Global Knowledge, 3rd Floor Jervis House, Millennium Walkway, Dublin 1