

CLOUD INFRASTRUCTURE AND SERVICES (CIS) v2



Gain the skills needed to make informed decisions on technologies, processes, and mechanisms required to build a cloud infrastructure. The course introduces the cloud computing reference model which includes five fundamental layers (physical, virtual, control, orchestration, and service) and three cross-layer functions (business continuity, security, and service management).

- Module 1: Introduction to Cloud Computing
- Module 2: Building the Cloud Infrastructure
- Module 3: Physical Layer
- Module 4: Virtual Layer
- Module 5: Control Layer
- Module 6: Service and Orchestration Layers
- Module 7: Business Continuity
- Module 8: Security
- Module 9: Service Management

PRE-REQUISITE KNOWLEDGE:

Instructors and students will benefit from pre-requisite experience and education in the following areas:

- Computer systems, architectures, and administration
- Networking technologies and network administration
- Operating systems, and file systems
- Computer systems administration and integration

SUPPLEMENTAL RESOURCES:

Cloud And IT-as-a-Service For Business Transformation: Free 90-minute e-Learning providing Business Leaders and their teams with the definitions, concepts, skills and strategies to leverage Cloud Computing and ITaaS for agility and efficiency within their organizations.

- <http://ITaaSforagilityandefficiency.com>
- Cloud Infrastructure and Services student guide
- <http://activitiesfromnbg.com/content/emc/>

AVAILABLE INDUSTRY RECOGNITION: EMC ACADEMIC ASSOCIATE - CLOUD INFRASTRUCTURE AND SERVICES

Free online assessment, proctored by faculty at your convenience. Passing score earns students this recognition



Next Step: EMC Proven Professional Cloud Infrastructure and Services (E10-002)

EMC Proven Professional Associate certification

Exam administered at Pearson VUE testing centers in a controlled, proctored environment

Certification discounts available to EMC Academic Alliance member students and faculty