# CCDE - Cisco Certified Design Expert





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## **Course Modules**

### 1. Business Strategy Design

- Impact on network design, implementation, and optimization
- Solns basd on busins continuity and operational sustainability

### 2. Control, Data, Management plane and Operational design

- End-to-end IP traffic flow in a feature-rich network
- · Data, control, and management plane technologies
- Centralized, decentralized, or hybrid control plane
- Automation design, integration, and on-going support
- · Software-defined architecture and controller-based soln design

### 3. Network Design

- Resilient, scalable, & secure modular networks
- Technical constraints and requirements
- Operational constraints and requirements
- Application behaviour and needs
- Business requirements
- Implementation plans
- Migration and transformation

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### 4. Service Desing

- Resilient modular network design based on constraints
- Cloud/hybrid solutions based on business-critical operations
- Regulatory compliance
- Data governance (for instance sovereignty, ownership, and locale)
- Service placement
- SaaS, PaaS, and laaS
- Cloud connectivity (for instance direct connect, cloud on ramp,etc)
- Security

### 5. Security Design

- Network security design and integration
- Segmentation
- Network access control
- Visibility
- Policy enforcement
- CIA triad
- Regulatory compliance (if provided the regulation)











### LEARN REMOTELY!!

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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