

ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	CLOUD FOUNDATIONS	DATE:	09-06-20202

SCREENSHOT:

The screenshot shows the Great Learning Learning Management System (LMS) interface. On the left, there is a sidebar with a list of modules. Modules 6, 7, 8, and 9 are marked with green checkmarks, indicating completion. Module 9, 'Apps for Cloud & Security Model', is currently selected. The main content area on the right displays a video lecture titled 'Distribution of Control between Service Models'. The video content includes a list of bullet points:

- Decentralized Administration
 - principle of local autonomy, which implies that each service model retains administrative control over its resources
- Secure Distributed Collaboration
 - Due to the heterogeneous nature of the cloud, resource and service policies might use different models requiring seamless interoperability among policies (SLA)
- Credential Federation
 - decentralized single-sign-on mechanism
- Placement of functionality
 - Right provider for the functionality needed in the business process
- Federated Data Collaboration
 - In an interleaved business process it is imminent that data payload is managed
- Loose coupling
 - Services are owned by different providers with their own evolution lifecycle and versioning

BRIEF REPORT: (POINT-WISE)

- 1). The distribution of control between service models like decentralized administration, secure distributed collaboration, credential federation, placement of functionality, federal data collaboration, loose coupling.
- 2). Diversity of programming languages used in different stages of cloud computing like machine language, procedural language, data oriented, object oriented, functional, etc.
- 3). A graph resembling the popularity index of languages shown with respect to years.