



A-CCT PROJECT UPDATE: INTRODUCING OUR EDUCATIONAL FRAMEWORK ON CLOUD COMPUTING

We are thrilled to share with you the first project result of our A-CCT project—The Educational Framework on Cloud Computing.

In the framework you can find course teaching material content on cloud technologies, supported by sample applications. You will find a number of value propositions that the project partners have identified as the most appropriate to start teaching students about cloud services. The focus has been on the convergence of industries today, so teachers will find a combination of best practices from different industries to provide their students with tailor-made solutions with maximum efficiency for their students.



TOPICS COVERED IN EDUCATIONAL FRAMEWORK FOR CLOUD COMPUTING:

- Introduction to Cloud Computing and Types of Cloud Computing
- Pricing vs Market Comparison between AWS, Azure, and GCP
- Deploying Servers and Load Balancers on All Computing Platforms
- Storage Services on AWS, Azure, and GCP
- Security Services - Identity and Access Management
- Types of Network Services and Setting Them
- Database Services on AWS, Azure, and GCP
- Domain Setup
- Monitoring and Notification Service

QUIZ AND PRACTICAL EXAMPLES

Each topic in the framework is elaborated with multiple-choice questions and other educational materials to facilitate understanding.

The framework also includes 61 practical examples of applications suitable for teaching VET students about cloud technology. These examples range from access control using fingerprints to smart traffic management and webstore setups.

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