

Cloud Computing Contains



Introduction to Cloud Computing



Cloud Service Models (IaaS, PaaS, SaaS)



Virtualization and Containers



Cloud Infrastructure and Networking



Cloud Storage and Data Management



Cloud Security and Privacy



Cloud Deployment Models (Public, Private, Hybrid, Multi-cloud)



Cloud Orchestration and Automation



Cloud Monitoring and Management



Serverless Computing



Big Data and Analytics in the Cloud



Cloud DevOps and Continuous Integration/Continuous Deployment (CI/CD)



Hybrid Cloud Integration and Interoperability



Cloud Governance and Compliance



Edge Computing and Fog Computing

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Internet of Things (IoT) and Cloud Integration



Quantum Computing and its Implications for Cloud Computing