Mindluster Platform

About the course Distributed cloud computing fundamentals

Distributed cloud computing course, in this course we'll explore its core principles, architectures, and applications. Understanding distributed cloud's decentralized nature and its implications on scalability, fault tolerance, and latency, we'll delve into designing distributed cloud systems effectively. From data management and security to networking and application development, participants will grasp the intricacies of harnessing distributed cloud's potential. Through case studies and hands-on exercises, we'll navigate challenges such as ensuring compliance, optimizing performance, and managing distributed cloud infrastructure efficiently. Whether you're a cloud architect, developer, or IT professional, this course equips you with the knowledge and skills to leverage distributed cloud computing for enhanced agility and scalability in your organization's IT ecosystem.

Computer Science Category's Courses

Course Lesson(65)

Lesson 1 : **Software as a Service SaaS Explained in 5 mins**

Lesson 2 : **Public Cloud Explained**

Lesson 3 : **Hybrid Cloud Explained**

Lesson 4 : **IaaS Explained**

Lesson 5 : **PaaS Explained**

Lesson 6 : **What is FaaS Functions as a Service**

Lesson 7 : **What is a Virtual Private Cloud**

Lesson 8 : **What are Microservices**

Lesson 9 : **Container Orchestration Explained**

Lesson 10 : **Containerization Explained**

Lesson 11 : **Virtualization Explained**

Lesson 12 : **Containers vs VMs What s the difference**

Lesson 13 : **Kubernetes Explained**

Lesson 14 : **Observability vs APM vs Monitoring**

Lesson 15 : **What is Cloud Native**

Lesson 16 : **What is DevOps**

Lesson 17 : **What is Cloud Migration**

Lesson 18 : **What is Cloud Security**

Lesson 19 : **Hybrid Multicloud Use Cases**

Lesson 20 : **Virtual Private Clouds on IBM Cloud**

Lesson 21 : **IBM Cloud Paks Explained**

Lesson 22 : **What is Multicloud How Do You Manage It**

Lesson 23 : **Application Modernization Three Transformations at Once**

Lesson 24 : **What is Kafka**

Lesson 25 : **What is Distributed Cloud**

Lesson 26 : **What is etcd**

Lesson 27 : **What is a Cloud Shell**

Lesson 28 : **What is API Management**

Lesson 29 : **What is a REST API**

Lesson 30 : **Git vs GitHub What s the difference**

Lesson 31 : **Container Security Explained**

Lesson 32 : **REST API and OpenAPI It s Not an Either Or Question**

Lesson 33 : **What is Ansible**

Lesson 34 : **What is Confidential Computing**

Lesson 35 : **What is Serverless**

Lesson 36 : **Kubernetes Ingress in 5 mins**

Lesson 37 : **What are Feature Flags**

Lesson 38 : **How does Kubernetes create a Pod**

Lesson 39 : **Choosing a CSP for your SAP workloads**

Lesson 40 : **What is Hybrid Cloud**

Lesson 41 : **How to deploy SAP in the cloud**

Lesson 42 : **Modernize apps with IBM Garage Methodology**

Lesson 43 : **What is Site Reliability Engineering SRE**

Lesson 44 : **DevOps vs SRE What s the difference**

Lesson 45 : **Disaster Recovery vs Backup What s the difference**

Lesson 46 : **What is Event Driven Architecture EDA**

Lesson 47 : **Bare Metal with a Hypervisor vs Dedicated Host What s the difference**

Lesson 48 : **What is a Hypervisor**

Lesson 49 : **Ansible vs Terraform What s the difference**

Lesson 50 : **What is a Dedicated Host**

Lesson 51 : **What is a Data Warehouse**

Lesson 52 : **What is a Virtual Server**

Lesson 53 : **What is Enterprise Resource Planning ERP Software**

Lesson 54 : **What is a Chatbot**

Lesson 55 : **What is Machine Learning**

Lesson 56 : **What is MongoDB**

Lesson 57 : **What is Redis**

Lesson 58 : **What is Root Cause Analysis RCA**

Lesson 59 : **What is a LAMP Stack**

Lesson 60 : **What is the MEAN Stack**

Lesson 61 : **What is Elasticsearch**

Lesson 62 : **What is Django**

Lesson 63 : **What is Hybrid Cloud in 2022**

Lesson 64 : **The MEAN Stack Explained**

Lesson 65 : **LAMP Stack Explained in 3 Minutes**

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