

CloudOps Training Course and Certification

Curriculum 2 Days

 Definition of CloudOps Why is CloudOps important? Differences between CloudOps and traditional IT operations Configuration management and Infrastructure as Code Configuration management tools like Puppet, Chef, and Ansible Configuration management tools like Puppet, Chef, and Ansible Cloud computing Basics Cloud service models (IaaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Database and Big Data Management on the Cloud Designing for High Performance and Security Cost Optimization in cloud platforms 	 Definition of CloudOps Why is CloudOps important? Differences between CloudOps and traditional IT operations Configuration management and Infrastructure as Code Configuration management tools like Puppet, Chef, and Ansible Configuration management tools like Puppet, Chef, and Ansible Cloud computing Basics What is cloud computing? Cloud service models (laaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Database and Big Data Management on the Cloud Designing for High Performance and Security Cost Optimization in cloud platforms 	Day - 1	Day - 2
 Differences between CloudOps and traditional IT operations Loud Computing Basics What is cloud computing? Cloud service models (laaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Loud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Cloud networking and storage LoudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure 	 Differences between CloudOps and traditional IT operations Loud Computing Basics What is cloud computing? Cloud service models (laaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Loud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Cloud networking and storage LoudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure 	ontroduction to CloudOps Output Definition of CloudOps	•
Cloud Computing Basics What is cloud computing? Cloud service models (IaaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure	Cloud Computing Basics What is cloud computing? Cloud service models (IaaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud Computing Architecture principles Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure	O Why is CloudOps important?	Serverless computing with AWS Lambda
 What is cloud computing? Cloud service models (laaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps automation Managing and Monitoring Cloud Infrastructure Infrastructure as Code (IAC) concept and its Implementation CloudOps Best Practices Scaling Application using Load Balancers & Autoscaling groups Architecting for Resilience in the Cloud Advanced CloudOps Topics Database and Big Data Management on the Cloud Cost Optimization in cloud platforms Cost Optimization in cloud platforms 	 What is cloud computing? Cloud service models (IaaS, PaaS, SaaS) Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud networking and storage Cloud Ops Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure Infrastructure as Code (IAC) concept and its Implementation CloudOps Best Practices Scaling Application using Load Balancers & Autoscaling groups Architecting for Resilience in the Cloud Advanced CloudOps Topics Database and Big Data Management on the Cloud Cost Optimization in cloud platforms 		
Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure Scaling Application using Load Balancers & Autoscaling groups Architecting for Resilience in the Cloud Advanced CloudOps Topics Database and Big Data Management on the Cloud Designing for High Performance and Security Cost Optimization in cloud platforms	 Cloud deployment models (Public, Private, Hybrid) Cloud Infrastructure Cloud Security Cloud Computing Architecture principles Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure 	·	 Infrastructure as Code (IAC) concept and its Implementation
Cloud Security Cloud Computing Architecture principles Cloud networking and storage Cloud Ops Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure Advanced CloudOps Topics Database and Big Data Management on the Cloud Designing for High Performance and Security Cost Optimization in cloud platforms	Cloud Security Cloud Computing Architecture principles Cloud networking and storage Cloud Ops Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure Advanced CloudOps Topics Database and Big Data Management on the Cloud Designing for High Performance and Security Cost Optimization in cloud platforms		•
 Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure O Designing for High Performance and Security Cost Optimization in cloud platforms 	 Cloud networking and storage CloudOps Tools & Techniques Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure Designing for High Performance and Security Cost Optimization in cloud platforms 	Cloud Infrastructure • Cloud Security	Advanced CloudOps Topics
 Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure 	 Tools for CloudOps and DevOps automation Managing and Monitoring Cloud Infrastructure 		
			Cost Optimization in cloud platforms
o CI/CD Pipelines	O CI/CD Pipelines	o Managing and Monitoring Cloud Infrastructure	
		o CI/CD Pipelines	