

Roopu Cloud is an official Tencent Cloud Training partner

Description

Tencent Cloud Associate SysOps course is designed to prepare you to pursue entry-level DevOps, support, and cloud operations roles. It will also prepare you to take the Tencent Cloud Associate (TCA) SysOps certification exam. Emphasizing best practice in the Tencent Cloud platform and recommended design patterns, this course will teach you how to solve problems and troubleshoot various scenarios. The course will show you how to create automatable and repeatable deployments of networks and systems on Tencent Cloud and covers specific Tencent Cloud features and tools related to configuration and deployment.

Intended Audience

The course is intended for Developers, Technical Operators, Solution Architects and Engineers.

Prerequisites

This course requires a strong foundation in IT concepts and skills. To ensure success, you should have:

- Complete the Tencent Cloud Practitioner course or have equivalent experience
- A working knowledge of at least one scripting language
- Familiarity with Linux, the command line, and Application Programming Interfaces (APIs)
- Familiarity with virtualization and distributed computing
- An understanding of version control (e.g., Git)
- An understanding of data storage mechanisms such as SQL

Delivery Method

This training is delivered by an official Tencent Cloud instructor.

Hands-On Activity

This course includes hands-on labs led by experienced instructors to help you obtain direct hands-on experience on those products' configuration and operations.

Training Outline

Tencent Cloud Associate (TCA) SysOps

Certification

This course covers all topics and prepares you for the Tencent Cloud Associate (TCA) SysOps certification exam.

Duration

Approximately 8 hours.

Course Outline

Section	Content
Module 1	Tencent Cloud Operation and Maintenance Overview <ul style="list-style-type: none">- Tencent Cloud Products Overview- Introduction to the Tencent Cloud Console
Module 2	Secure Access to Tencent Services <ul style="list-style-type: none">- Cloud Server Security Management- Cloud Server Access Management
Module 3	Elastic Computing Deployment Practices <ul style="list-style-type: none">- CVM Instance Operations- CBS Disk Operations- CVM Image Operations
Module 4	Cloud Network Deployment Practices <ul style="list-style-type: none">- VPC and Subnet- Routing Tables and ENI- Network Connectivity Configuration- Security Configuration- Use Cases
Module 5	Data Storage Deployment Practices <ul style="list-style-type: none">- Object Storage Configuration- File Storage Configuration- Storage Gateway Configuration- Archive Storage Configuration
Module 6	Cloud Database Operation Practices <ul style="list-style-type: none">- TencentDB for MySQL Configuration- TencentDB for MariaDB Configuration

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	<ul style="list-style-type: none">- TencentDB for SQL Server Configuration- TencentDB for PostgreSQL Configuration- TencentDB for Redis Configuration- TencentDB for MongoDB Configuration- Tencent Distributed SQL (TDSQL) Configuration- Data Transmission Service (DTS) Configuration
Module 7	Deploying Scalable Business <ul style="list-style-type: none">- Introduction to AS- AS Management
Module 8	Deploying High Availability Services <ul style="list-style-type: none">- CLB Configuration Practices- CDN Configuration Practices
Module 9	Cloud Monitor (CM) <ul style="list-style-type: none">- Introduction to CM- CM Management
Module 10	Tencent Cloud Video Services <ul style="list-style-type: none">- Basic Video Knowledge- Tencent Cloud's CSS Service- Tencent Cloud's VOD Service