# Intro to Cloud Security

Learn fundamental concepts regarding securing a cloud environment.

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Difficulty: Easy

Active Machine Information

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## Task 1 ◯ Introduction                                                                              ⌄

Cloud computing is one of the IT industry's most common and evolving terms. In simple terms, it means delivering computing services over the internet. The customer does not need to buy and maintain physical data centres and servers in cloud computing. Instead, all services can be used with **pay-as-you-go pricing** (pay as per the usage of the services) and on an as-needed basis (we can access services when needed).

### Learning Objectives
- Understanding cloud security models.
- Security through policies & procedures.
- Security through identity & access management.
- Security through networking management.
- Security through storage management.

### Course Pre-requisites
Understanding of following topics is recommended before starting the course:
- HTTP Protocols & Servers.
- Principles of Security.

Let's begin!

Answer the questions below

I am ready to get started.

| No answer needed | ✈ Completed |

## Task 2 ◯ Architectural Concepts of Cloud                                                            ⌄

## Task 3 ◯ Cloud Security Concepts ▯                                                                  ⌄

## Task 4 ◯ Cloud Security Risks Concerning Deployment Models                                          ⌄

## Task 5 ◯ Security Through Access Management                                                         ⌄

## Task 6 ◯ Security Through Policies                                                                   ⌄

## Task 7 ◯ Security Through Network Management                                                         ⌄

## Task 8 ◯ Security Through Storage Management                                                         ⌄

## Task 9 ◯ Cloud Security - Some Additional Concepts                                                   ⌄

## Task 10 ◯ Conclusion                                                                                 ⌄