



**REAL WORLD**  
TECHNOLOGY TRAINING & SOLUTIONS  
"Training You Can Really Use"

# Google Cloud Fundamentals

**Duration: 1 Day**

**Method: Instructor-Led Training (ILT) | Live Online Training**

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## Course Description

Cloud computing enables an organization to increase capacity or add capabilities on the fly, without necessarily requiring considerable investment in infrastructure, new personnel, or software. With a carefully planned migration to cloud services, organizations can provide themselves with greater flexibility, additional capability, and potential cost savings. Google is one of the major players among cloud vendors, offering a wide variety of cloud services. In this course, participants will learn the capabilities of Google's cloud offerings and will identify a process for migrating their current systems, data, and users to them.

## Target Audience

This course is intended for:

- Managers
- Information technology administrators,
- Programmers, and other decision-makers who plan to migrate their organization's infrastructure and applications to the Google Cloud computing platform.

## Prerequisites

To attend this course, candidates must have:

- Completed the *Using Google G Suite™* course.

**OR**

- End-user experience with Google Drive and productivity apps (Docs, Sheets, and Slides).



**Microsoft** Partner

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## Course Objectives

Upon successful completion of this course, attendees will be able to:

- Identify and describe potential costs and benefits of a Google Cloud computing implementation.
- Employ strategies to migrate users and systems to the Google Apps™ cloud-based productivity suite.
- Employ strategies to utilize the storage capabilities provided by Google Apps and the Google Cloud Platform within your organization.
- Employ strategies to migrate applications to the Google Cloud Platform.
- Identify and describe steps in a cloud migration project plan.

## Course Topics

### Module 1: Google Cloud Computing

- Cloud Computing Costs and Benefits

### Module 2: Migrating to the Google Apps Productivity Suite

- Migrate Users to the Google Apps Productivity Suite
- Migrate Systems and Data to the Google Apps Productivity Suite

### Module 3: Migrating to Cloud-Based Storage

- Cloud-Based Storage Options
- Google Drive
- Migrate Web Application Data to the Cloud

### Module 4: Migrating Applications to Google Cloud

- Google App Engine
- Google Compute Engine

### Module 5: Managing a Cloud Migration Project

- Develop a Cloud Project Plan
- Begin a Cloud Project
- Identify and Manage Risks
- Plan and Design a Cloud Solution
- Implement a Cloud-Based Solution
- Test, Roll Out and Maintain a Cloud-Based Solution



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