



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

Google Cloud Fundamentals

Duration: 1 Day

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

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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