## Lab 5-01: Cloud IAM

### Introduction

Identity and Access Management (IAM) gives administrators complete power and visibility to manage Google Cloud resources centrally by allowing them to approve who can execute actions on particular resources. IAM offers a unified picture of security policy throughout your whole organization, with built-in auditing to streamline compliance processes for businesses with complicated organizational structures, hundreds of workgroups, and several projects.

### Problem

An organization is currently looking to control and monitor the access to GCP resources, which allows you to manage access control by defining who (identity) has which access (role) for which resource. Which service can be used for this purpose?

### Solution

Using Cloud IAM service, you can control and monitor resource access.

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| 1. First, take a quick look at the **Users** tab. |
| 1. Go to the navigation menu and select Manage Resources under IAM and Admin. |
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| 1. Now select the project. |
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| 1. Click on **Add**; you can add a new member here. |
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| 1. Now add principles and roles and click **Save**. |
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