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| **Topic** | Agile Way |
| **Document Name** | CLOUD-EX-01 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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| Date | Author | Ver | Comments |
| 05.03.2025 | Mennan Tekbir | 1.0 | Initial Draft |
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# Connecting a Cloud Service

## Exercise CLOUD-EX-01:

**Definiton:** Please create an account in one of Cloud Service Providers ( Google Cloud Platform – GCP or Amazon – AWS ) and create a simple machine. And then, make ping test from your local machine to cloud machine.

***Note***: If you are not a student and do not have access to free credits on cloud platforms, you may skip this homework if you wish.

**Cloud Services:**

<https://cloud.google.com/edu/students>

<https://aws.amazon.com>

**GCP Tutorial:**

<https://www.youtube.com/watch?v=GKEk1FzAN1A>

**Sample Output:**

mennan@MacBook-Pro ~ % ping 34.125.2.150  
PING 34.125.2.150 (34.125.2.150): 56 data bytes  
64 bytes from 34.125.2.150: icmp\_seq=0 ttl=60 time=193.818 ms  
64 bytes from 34.125.2.150: icmp\_seq=1 ttl=60 time=193.497 ms  
^C  
--- 34.125.2.150 ping statistics ---  
2 packets transmitted, 2 packets received, 0.0% packet loss  
round-trip min/avg/max/stddev = 193.497/193.658/193.818/0.160 ms  
mennan@MacBook-Pro ~ %

## CLOUD-EX-01 Solution:

**Your Answer:**

Please enter your answer here...

CLOUD-EX-01 – Assignment Description

Assignment Topic:

Using a cloud service provider (Google Cloud Platform or AWS), a virtual machine (VM) was created, and a ping test was performed from the local machine to check network connectivity.

Steps Taken:

* A new account was created on Google Cloud Platform (GCP).
* A virtual machine (VM) with an e2-micro type and Ubuntu operating system was launched via the GCP Console.
* ICMP (ping) traffic was allowed in the firewall settings.
* The external IP address of the created VM was obtained.
* A ping command was sent to this IP address using the Command Prompt (CMD) on the local computer.
* Ping replies were successfully received, confirming that the connection was active.

CLOUD-EX-01 – Ödev Açıklaması

Ödev Konusu: Bulut servis sağlayıcılarından biri kullanılarak (Google Cloud Platform veya AWS), bir sanal makine (VM) oluşturulması ve bu makineye kendi bilgisayarım üzerinden ping atılarak ağ bağlantısının test edilmesi.

Yapılan İşlemler: Google Cloud Platform (GCP) üzerinden yeni bir hesap oluşturuldu. GCP Console üzerinden, e2-micro tipinde ve Ubuntu işletim sistemine sahip bir sanal makine (VM) başlatıldı. Güvenlik duvarı (firewall) ayarlarında ICMP (ping) trafiğine izin verildi. Oluşturulan VM’in harici IP adresi alındı. Kendi bilgisayarımdan komut satırı (CMD) aracılığıyla bu IP adresine ping komutu gönderildi.

