Google Cloud Platform: App Engine Standard

➤ **App Engine** : App Engine standard environment is based on container instances running on Google's infrastructure.

➤ App Engine standard environment makes it easy to build and deploy an application that runs reliably even under heavy load and with large amounts of data.

➤ Free Daily Quota.

➤ Usage based Billing.

➤ **App Engine** : Applications run in a secure, sandboxed environment.

➤ Application runs within its own secure, reliable environment that is independent of the hardware, operating system, or physical location of the server.

➤ Standard environment supports the following languages: Java, Python, Node.js, PHP, Ruby, Go.

➤ App Engine standard environment gives you 1 GB of data storage and traffic for free, which can be increased by enabling paid applications.

➤ App Engine Standard Environment Runtimes - App Engine standard environment has two generations of runtime environments.

	2nd Generation	1st Generation
Supp Language	Python3.7, Java11, Node.js, PHP7.2, Ruby, Go 1.2+	Python2.7, Java8, PHP5.5, Go1.11
External network Access	Full access	Python 2.7, PHP 5.5: Via URL Fetch API Java 8, Go 1.11: Full access
File system access	Read/write access to `/tmp`	Python 2.7, PHP 5.5: None Java 8, Go 1.11: Read/write access to `/tmp`

See you in next lecture …