What is Terrraform

1. Terraform is a infrastructure management tool to maintain and manage Cloud infrastr
   resources like all in one centralized code:
   a. Servers
   b. Network
   c. Storage
   d. <mark>Defined in Code(Infrastructure as a Code)</mark>

2. Terraform is a tool a CMD line program to define and make changes to the infrastructu
3. Terraform is for managing the base infrastructure itself.
4. Terraform is not for Config management.
5. Immutable infrastructure:
6. Disposable infrastructure management.
7. Terraform is able to manage container. It can work directly with docker and k8s.
8. We can even use terraform to deploy k8s cluster on a cloud provider.

BENEFITS OF TERRAFROM(WHY)

- **Codify your application infrastructure**
  Reduce human error and increase automation by provisioning infrastructure as

- **Manage infrastructure across clouds**
  Provision infrastructure across 300+ public clouds and services using a single w

- **Create reproducible infrastructure**
  Provision consistent testing, staging, and production environments with the sar
  configuration.

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