Diwali Terraform Crash Classes!

Open Source Community
World Class State Management
Multi Cloud Support

Terraform ✓

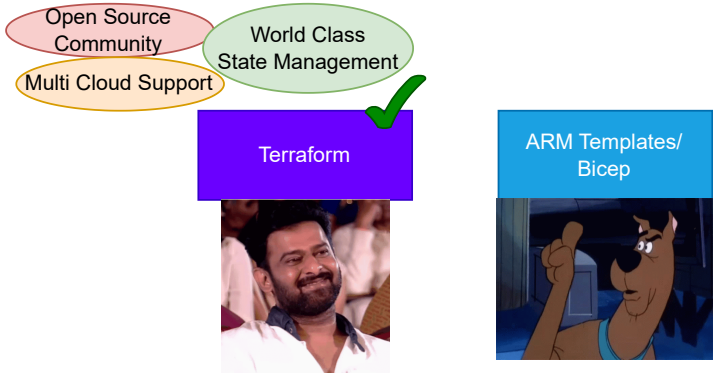ARM Templates/ Bicep

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PreRequisites

1. Computer jisme terraform installed ho...
Download zip and set path in environment variables.

2. az cli chahiye
Download msi file and double click to install.

3. VScode chahiye
VScode ki exe download karke double click to install.

4. VScode me extension chahiye
Extention search karke direct install.

5. ek aisa user jo azure me kuch bana sake
contributor role wala user on azure.

Aapke dost nahi ban paa rahe hai.. aapki personality me kami hai toh aap lolu ho...
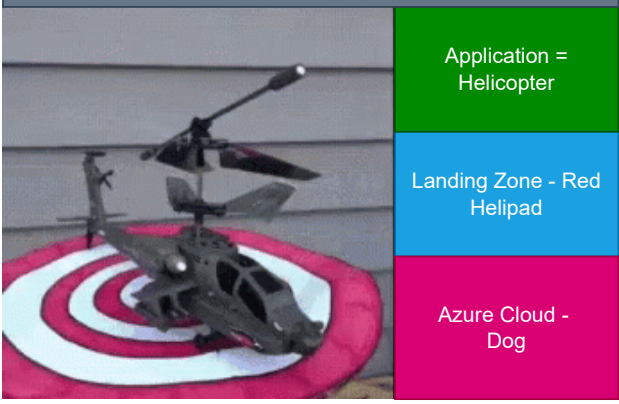

Pay as you go + MFA Enabled

Ansible Vs Terraform

Ansible janam se configuration as a tool tha bs usko infra ke lie convert kar dia... lekin terraform janam se hi IAC ka tool hai islie vo ek dum bdia hai..

Cloud Categories

Onboarding Solution
Entra ID Setup
Basic Network foundation
Compute Workload
Security Services
LoadBalancing Services
Storage and Database Services
Backup Services
Monitoring Services
Governance and compliance Services
DR Setup

Landing Zone

Application = Helicopter

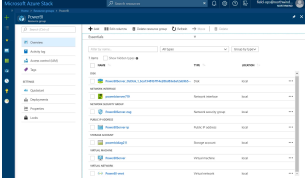Landing Zone - Red Helipad

Azure Cloud - Dog

Rg | Storage Account | Database

Terraform Providers
Terraform me coding blocks se block mila ke hota hai..
Alag Alag block mile to terraform se infra bane..

Dil se Dil mile to Pyaar Mile

Block Se block mile toh Infra bane!

Terraform {} Block
Provider "" {} block and features {} block
Required Provider {} Block
Backend {} Block
Resource Block
Variable "" {} Block
Data "" "" {} Block
Output "" {} Block

Dynamic block "" {} Block
Content Block {}
Module "" {} Block
Locals {} Block
Import {} block
Provisioner {} Block
Lifecycle {} Block

Block Matlab
block {}

lifecycle block
lifecycle {}

provider block
provider "azurerm" {
}

resource block
resource "azurerm_resource_group" "rg" {
}

Jo block se bahar aaega vo **attribute**...

Jo block ke andar jaega vo **argument**...

Argument

Meta Argument
Sab resource block me jaega...

count | lifecycle
depends_on | for_each

Terraform {} Block - ye first
Required Provider {} Block
Provider "" {} block and features {} block

Value Ghusane ke tarike

Hardcode | StringWa, NumberWa, BoolWa | ListWa | MapWa