

From zero to hero

# Infrastructure as Code

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ti&m



## Goals for this session

1. Understand how to find a provider
2. Understand how to integrate azurearm provider
3. Create first resources in azure

# Where i can find provider?

Provider Registry

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## Practice03

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# How you can create a Resource

Write it to your main.tf

```
resource "azurerm_resource_group" "rg_example" {  
  name      = "terraformcourse"  
  location = "West Europe"  
}
```



# Structure Resources

Keyword

Resource Name defined from provider

Chosen Name from me

```
resource "azurerm_resource_group" "rg_example" {  
    name      = "terraformcourse"  
    location  = "West Europe"  
}
```

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## Practice04

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# How you can link resources without references

```
1 resource "azurerm_resource_group" "rg_example" {  
2     name      = "terraformcourse"  
3     location  = "switzerlandnorth"  
4 }  
5  
6 resource "azurerm_storage_account" "st_example" {  
7     name                  = "stoterraformdaniel"  
8     resource_group_name  = "terraformcourse"  
9     location              = "switzerlandnorth"  
10    account_tier          = "Standard"  
11    account_replication_type = "GRS"  
12 }
```



# How you should link resources

```
resource "azurerm_resource_group" "rg_example" {  
  name      = "terraformcourse"  
  location  = "switzerlandnorth"  
}  
  
resource "azurerm_storage_account" "st_example" {  
  name                        = "stoterraformdaniel"  
  resource_group_name        = azurerm_resource_group.rg_example.name  
  location                   = azurerm_resource_group.rg_example.location  
  account_tier                = "Standard"  
  account_replication_type    = "GRS"  
}
```

# Which References are available

- Documented in the provider documentation
- [azurerm\\_storage\\_account | Resources | hashicorp/azurerm | Terraform Registry](#)

# Attention

**StorageAccount Name must be unique for complete Azure**

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## Practice05

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