

From zero to hero

# Infrastructure as Code

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## Goals for this session

1. Understand how to integrate azuread provider
2. Understand how to use random provider

# How to integrate random and azuread provider?

```
terraform {  
  required_providers {  
    azuread = {  
      source = "hashicorp/azuread"  
      version = "2.36.0"  
    }  
    random = {  
      source = "hashicorp/random"  
      version = "3.4.3"  
    }  
  }  
}  
  
backend "azurerm" {  
  resource_group_name = "tf_state_daniel"  
  storage_account_name = "terraformcoursedaniel"  
  container_name      = "state"  
  key                  = "terraform.tfstate"  
}  
  
provider "azuread" {  
  # Configuration options  
}  
  
provider "random" {  
  # Configuration options  
}
```

# How to create a user in our tenant?

- Write the resource to your main.tf

```
resource "azuread_user" "admin" {  
  user_principal_name = "${random_string.name.result}@snfterraformcourse.onmicrosoft.com"  
  display_name        = random_string.name.result  
  mail_nickname       = random_string.name.result  
  password            = random_password.pw.result  
}
```

# How to generate random things?

- Write the resource to your main.tf

```
resource "random_string" "name" {  
  length      = 5  
  special     = false  
}  
  
resource "random_password" "pw" {  
  length      = 16  
  special     = true  
  override_special = "!"#$%&*()-_+=[]{}<>:?"  
}
```



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Practice07  
Practice08

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## Practice06

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