



我會提供 variables.tf 給你，請產生佈署多個 AppService Plan 的程式碼，每個 AppService Plan 會有多個 AppService 服務。

```
variable "app_service_plans" {
  type = map(object({
    asp_name   = string
    asp_sku_name= string
    app_services= list(object({
      name      = string
      site_config = list(object({
        health_check_path = string
        cors = list(object({
          support_credentials = bool
          allowed_origins    = list(string)
        }))
      }))
    }))
  })
}
```



感謝您提供 variables.tf 給我，以下是產生佈署多個 AppService Plan 的程式碼，每個 AppService Plan 會有多個 AppService 服務的範例：

vbnet Copy code

```
# 定義資源群組和區域
resource "azurerm_resource_group" "example" {
  name       = "example-resource-group"
  location   = "East US"
}

# 佈署多個 AppService Plan 和相應的 AppService 服務
locals {
  app_service_plans = var.app_service_plans
}

resource "azurerm_app_service_plan" "app_service_plans" {
  for_each = local.app_service_plans

  name                = each.value.asp_name
  location             = azurerm_resource_group.example.location
  resource_group_name = azurerm_resource_group.example.name
  kind                = "Linux"
  reserved            = true

  sku {
    tier = "Standard"
    size = each.value.asp_sku_name
  }
}

resource "azurerm_app_service" "app_services" {
  for_each = { for asp in local.app_service_plans : asp.asp_name => asp.app_services }

  name                = each.value[0].name
  location             = azurerm_resource_group.example.location
  resource_group_name = azurerm_resource_group.example.name
  app_service_plan_id = azurerm_app_service_plan.app_service_plans[each.key].id

  site_config {
    for_each = { for sc in each.value : sc.health_check_path => sc }

    health_check_path = each.key

    cors {
      for_each = { for c in each.value.cors : c.allowed_origins[0] => c }

      allowed_origins    = [each.key]
      support_credentials = each.value.support_credentials
    }
  }
}
```

以上程式碼會在 Azure 上建立指定數量的 AppService Plan 和相對應的 AppService 服務。在 `var.app_service_plans` 變數中定義了每個 AppService Plan 的 `asp_name`、`asp_sku_name` 和 `app_services`，其中 `app_services` 是一個列表，包含了多個 AppService 服務的相關設定。`azurerm_app_service_plan` 和 `azurerm_app_service` 資源分別對應 AppService Plan 和 AppService 服務。注意，此程式碼假設 AppService Plan 和 AppService 服務都是 Linux 環境。如果要使用 Windows 環境，需要修改程式碼中的 `kind` 欄位。