

Terraform show solution.plan

pjsaha@web-svr:~/laC/terraform-template\$ terraform show solution.plan

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

+ create

Terraform will perform the following actions:

```
# azurerm_availability_set.main_avset will be created
+ resource "azurerm_availability_set" "main_avset" {
  + id                        = (known after apply)
  + location                 = "eastus"
  + managed                 = true
  + name                    = "demo-avset"
  + platform_fault_domain_count = 2
  + platform_update_domain_count = 2
  + resource_group_name      = "Azuredevops"
}

# azurerm_lb.main_lb will be created
+ resource "azurerm_lb" "main_lb" {
  + id                = (known after apply)
  + location          = "eastus"
  + name              = "demo-lb"
  + private_ip_address = (known after apply)
  + private_ip_addresses = (known after apply)
  + resource_group_name = "Azuredevops"
  + sku               = "Basic"
  + sku_tier          = "Regional"

  + frontend_ip_configuration {
    + gateway_load_balancer_frontend_ip_configuration_id = (known after apply)
    + id                                                  = (known after apply)
    + inbound_nat_rules                                = (known after apply)
    + load_balancer_rules                               = (known after apply)
    + name                                               = "PublicIPAddress"
    + outbound_rules                                   = (known after apply)
    + private_ip_address                               = (known after apply)
    + private_ip_address_allocation                    = (known after apply)
    + private_ip_address_version                       = (known after apply)
    + public_ip_address_id                             = (known after apply)
    + public_ip_prefix_id                             = (known after apply)
    + subnet_id                                         = (known after apply)
  }
}

# azurerm_lb_backend_address_pool.main_bepool will be created
+ resource "azurerm_lb_backend_address_pool" "main_bepool" {
  + backend_ip_configurations = (known after apply)
  + id                       = (known after apply)
  + inbound_nat_rules        = (known after apply)
```

```

+ load_balancing_rules    = (known after apply)
+ loadbalancer_id        = (known after apply)
+ name                    = "demo-bepool"
+ outbound_rules         = (known after apply)
}

# azurerm_linux_virtual_machine.main_vm will be created
+ resource "azurerm_linux_virtual_machine" "main_vm" {
+   admin_password          = (sensitive value)
+   admin_username         = "pjsaha"
+   allow_extension_operations = true
+   availability_set_id     = (known after apply)
+   bypass_platform_safety_checks_on_user_schedule_enabled = false
+   computer_name           = (known after apply)
+   disable_password_authentication = false
+   disk_controller_type    = (known after apply)
+   extensions_time_budget  = "PT1H30M"
+   id                      = (known after apply)
+   location                = "eastus"
+   max_bid_price           = -1
+   name                    = "demo-vm"
+   network_interface_ids   = (known after apply)
+   patch_assessment_mode   = "ImageDefault"
+   patch_mode              = "ImageDefault"
+   platform_fault_domain   = -1
+   priority                = "Regular"
+   private_ip_address      = (known after apply)
+   private_ip_addresses    = (known after apply)
+   provision_vm_agent      = true
+   public_ip_address       = (known after apply)
+   public_ip_addresses     = (known after apply)
+   resource_group_name     = "Azuredevops"
+   size                    = "Standard_D2s_v3"
+   source_image_id         = "/subscriptions/456cc604-544c-45f8-99d0-c1b73aeec440/resourceGroups/Azuredevops/providers/Microsoft.Compute/images/packer-ubuntu-server"
+   virtual_machine_id      = (known after apply)
+   vm_agent_platform_updates_enabled = (known after apply)

+   os_disk {
+     caching          = "ReadWrite"
+     disk_size_gb     = (known after apply)
+     id               = (known after apply)
+     name             = "demo-osdisk"
+     storage_account_type = "Standard_LRS"
+     write_accelerator_enabled = false
+   }

+   termination_notification (known after apply)
}

# azurerm_managed_disk.main_data_disk will be created
+ resource "azurerm_managed_disk" "main_data_disk" {
+   create_option = "Empty"

```

```

+ disk_iops_read_only      = (known after apply)
+ disk_iops_read_write    = (known after apply)
+ disk_mbps_read_only     = (known after apply)
+ disk_mbps_read_write    = (known after apply)
+ disk_size_gb            = 64
+ id                      = (known after apply)
+ location                 = "eastus"
+ logical_sector_size     = (known after apply)
+ max_shares               = (known after apply)
+ name                    = "demo-datadisk"
+ network_access_policy   = "AllowAll"
+ optimized_frequent_attach_enabled = false
+ performance_plus_enabled = false
+ public_network_access_enabled = true
+ resource_group_name     = "Azuredevops"
+ source_uri              = (known after apply)
+ storage_account_type    = "Standard_LRS"
+ tier                     = (known after apply)
}

```

azurerm_network_interface.main_nic will be created

```

+ resource "azurerm_network_interface" "main_nic" {
+   accelerated_networking_enabled = false
+   applied_dns_servers            = (known after apply)
+   id                            = (known after apply)
+   internal_domain_name_suffix   = (known after apply)
+   ip_forwarding_enabled         = false
+   location                      = "eastus"
+   mac_address                   = (known after apply)
+   name                         = "demo-nic"
+   private_ip_address            = (known after apply)
+   private_ip_addresses         = (known after apply)
+   resource_group_name          = "Azuredevops"
+   virtual_machine_id            = (known after apply)

+   ip_configuration {
+     gateway_load_balancer_frontend_ip_configuration_id = (known after apply)
+     name                                               = "internal"
+     primary                                           = (known after apply)
+     private_ip_address                               = (known after apply)
+     private_ip_address_allocation                    = "Dynamic"
+     private_ip_address_version                       = "IPv4"
+     subnet_id                                         = (known after apply)
+   }
}

```

azurerm_network_interface_backend_address_pool_association.main_nic_lb_assoc will be created

```

+ resource "azurerm_network_interface_backend_address_pool_association"
"main_nic_lb_assoc" {
+   backend_address_pool_id = (known after apply)
+   id                      = (known after apply)
+   ip_configuration_name   = "internal"
+   network_interface_id    = (known after apply)
}

```

```
}
```

```
# azurerm_network_security_group.main_nsg will be created
```

```
+ resource "azurerm_network_security_group" "main_nsg" {  
  + id                = (known after apply)  
  + location          = "eastus"  
  + name              = "demo-nsg"  
  + resource_group_name = "Azuredevops"  
  + security_rule      = [  
    + {  
      + access                = "Allow"  
      + destination_address_prefix      = "10.0.1.0/24"  
      + destination_address_prefixes    = []  
      + destination_application_security_group_ids = []  
      + destination_port_range          = "*"   
      + destination_port_ranges        = []  
      + direction                    = "Inbound"  
      + name                        = "Allow-Subnet-Inbound"  
      + priority                    = 100  
      + protocol                    = "*"   
      + source_address_prefix        = "10.0.1.0/24"  
      + source_address_prefixes      = []  
      + source_application_security_group_ids    = []  
      + source_port_range            = "*"   
      + source_port_ranges          = []  
      # (1 unchanged attribute hidden)  
    },  
    + {  
      + access                = "Deny"  
      + destination_address_prefix      = "*"   
      + destination_address_prefixes    = []  
      + destination_application_security_group_ids = []  
      + destination_port_range          = "*"   
      + destination_port_ranges        = []  
      + direction                    = "Inbound"  
      + name                        = "Deny-Internet-Inbound"  
      + priority                    = 200  
      + protocol                    = "*"   
      + source_address_prefix        = "Internet"  
      + source_address_prefixes      = []  
      + source_application_security_group_ids    = []  
      + source_port_range            = "*"   
      + source_port_ranges          = []  
      # (1 unchanged attribute hidden)  
    },  
  ]  
}
```

```
# azurerm_public_ip.main_public_ip will be created
```

```
+ resource "azurerm_public_ip" "main_public_ip" {  
  + allocation_method    = "Dynamic"  
  + ddos_protection_mode = "VirtualNetworkInherited"  
  + fqdn                 = (known after apply)  
  + id                   = (known after apply)
```

```

+ idle_timeout_in_minutes = 4
+ ip_address              = (known after apply)
+ ip_version              = "IPv4"
+ location                = "eastus"
+ name                    = "demo-public-ip"
+ resource_group_name     = "Azuredevops"
+ sku                     = "Basic"
+ sku_tier                = "Regional"
}

```

azurerm_subnet.main_subnet will be created

```

+ resource "azurerm_subnet" "main_subnet" {
+   address_prefixes      = [
+     "10.0.1.0/24",
+   ]
+   default_outbound_access_enabled = true
+   id                     = (known after apply)
+   name                  = "demo-subnet"
+   private_endpoint_network_policies = "Disabled"
+   private_link_service_network_policies_enabled = true
+   resource_group_name   = "Azuredevops"
+   virtual_network_name  = "demo-vnet"
}

```

azurerm_subnet_network_security_group_association.main_assoc will be created

```

+ resource "azurerm_subnet_network_security_group_association" "main_assoc" {
+   id                     = (known after apply)
+   network_security_group_id = (known after apply)
+   subnet_id              = (known after apply)
}

```

azurerm_virtual_machine_data_disk_attachment.main_data_disk_attach will be created

```

+ resource "azurerm_virtual_machine_data_disk_attachment" "main_data_disk_attach" {
+   caching      = "ReadWrite"
+   create_option = "Attach"
+   id           = (known after apply)
+   lun          = 0
+   managed_disk_id = (known after apply)
+   virtual_machine_id = (known after apply)
+   write_accelerator_enabled = false
}

```

azurerm_virtual_network.main_vnet will be created

```

+ resource "azurerm_virtual_network" "main_vnet" {
+   address_space = [
+     "10.0.0.0/16",
+   ]
+   dns_servers    = (known after apply)
+   guid           = (known after apply)
+   id            = (known after apply)
+   location       = "eastus"
+   name          = "demo-vnet"
+   private_endpoint_vnet_policies = "Disabled"
+   resource_group_name = "Azuredevops"
}

```

+ subnet = (known after apply)
}

Plan: 13 to add, 0 to change, 0 to destroy.