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1 How to Install AZURE VM using Terraform
2 Reference:
3 https://docs.microsoft.com/en-us/azure/developer/terraform/create-linux-virtual-machine-w
4 ith-infrastructure
5 https://learn.hashicorp.com/tutorials/terraform/azure-build
6
7 Install terraform:
8
9 wget --no-check-certificate
10 https://releases.hashicorp.com/terraform/0.14.6/terraform_0.14.6_linux_amd64.zip
11 unzip terraform_0.14.6_linux_amd64.zip
12 vi ~/.profile
13 source ~/.profile
14 terraform -install-autocomplete
15
16 Install azcli:
17 curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
18 sudo apt-get install ca-certificates curl apt-transport-https lsb-release gnupg
19 AZ_REPO=$(lsb_release -cs)
20 echo "deb [arch=amd64] https://packages.microsoft.com/repos/azure-cli/ $AZ_REPO main"
21 | sudo tee /etc/apt/sources.list.d/azure-cli.list
22 curl -sL https://packages.microsoft.com/keys/microsoft.asc|gpg --dearmor| sudo tee
23 /etc/apt/trusted.gpg.d/microsoft.gpg
24
25 mkdir /tf/learn-terraform-azure
26 cd /tf/learn-terraform-azure
27 STEP#1 create the terraform file "main.tf" with all required Azure Resources
28 vi main.tf
29 # Configure the Azure provider
30 terraform {
31   required_providers {
32     azurerm = {
33       source = "hashicorp/azurerm"
34       version = ">= 2.26"
35     }
36   }
37 }
38 provider "azurerm" {
39   features {}
40 }
41 #Create Resource Group with name "myrg" in eastus2 location.
42 resource "azurerm_resource_group" "rg" {
43   name      = "myrg"
44   location = "eastus2"
45   tags = {
46     environment = "Terraform Demo"
47   }
48 }
49 # Create Azure virtual network with name "myVnet"
50 resource "azurerm_virtual_network" "mynw" {
51   name                = "myVnet"
52   address_space       = ["10.0.0.0/16"]
53   location             = "eastus2"
54   resource_group_name = azurerm_resource_group.rg.name
55   tags = {
56     environment = "Terraform Demo"
57   }
58 }
59 #Create subnet on virtual network created above.
60 resource "azurerm_subnet" "mysn" {
61   name                = "mySubnet"
62   resource_group_name = azurerm_resource_group.rg.name
63   virtual_network_name = azurerm_virtual_network.mynw.name
64   address_prefixes    = ["10.0.2.0/24"]
65 }
66 # Create public IP
67 resource "azurerm_public_ip" "mypip" {
68   name = "myPublicIP"
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65     location                = "eastus2"
66     resource_group_name     = azurerm_resource_group.rg.name
67     allocation_method       = "Dynamic"
68     tags = {
69         environment = "Terraform Demo"
70     }
71 }
72 #NSG rules are important for security
73 resource "azurerm_network_security_group" "mysnsg" {
74     name                = "myNetworkSecurityGroup"
75     location            = "eastus2"
76     resource_group_name = azurerm_resource_group.rg.name
77     security_rule {
78         name                = "SSH"
79         priority            = 1001
80         direction          = "Inbound"
81         access              = "Allow"
82         protocol            = "Tcp"
83         source_port_range   = "*"
84         destination_port_range = "22"
85         source_address_prefix = "*"
86         destination_address_prefix = "*"
87     }
88     tags = {
89         environment = "Terraform Demo"
90     }
91 }
92 #Create Azure network interface
93 resource "azurerm_network_interface" "mytnic" {
94     name                = "myNIC"
95     location            = "eastus2"
96     resource_group_name = azurerm_resource_group.rg.name
97
98     ip_configuration {
99         name                = "myNicConfiguration"
100        subnet_id           = azurerm_subnet.mysn.id
101        private_ip_address_allocation = "Dynamic"
102        public_ip_address_id = azurerm_public_ip.mypip.id
103    }
104
105    tags = {
106        environment = "Terraform Demo"
107    }
108 }
109 # Connect the security group to the network interface
110 resource "azurerm_network_interface_security_group_association" "sg2nic" {
111     network_interface_id = azurerm_network_interface.mytnic.id
112     network_security_group_id = azurerm_network_security_group.mysnsg.id
113 }
114 # Create Storage Account with random name
115 resource "random_id" "randomId" {
116     keepers = {
117         # Generate a new ID only when a new resource group is defined
118         resource_group = azurerm_resource_group.rg.name
119     }
120     byte_length = 8
121 }
122 resource "azurerm_storage_account" "mysa" {
123     name                = "diag${random_id.randomId.hex}"
124     resource_group_name = azurerm_resource_group.rg.name
125     location            = "eastus2"
126     account_replication_type = "LRS"
127     account_tier        = "Standard"
128
129     tags = {
130         environment = "Terraform Demo"
131     }
132 }
133 #Private keys creation

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134 resource "tls_private_key" "example_ssh" {
135     algorithm = "RSA"
136     rsa_bits = 4096
137 }
138 output "tls_private_key" { value = tls_private_key.example_ssh.private_key_pem }
139 #Now create the Azure VM
140 resource "azurerm_linux_virtual_machine" "mytfvm" {
141     name = "myVM"
142     location = "eastus2"
143     resource_group_name = azurerm_resource_group.rg.name
144     network_interface_ids = [azurerm_network_interface.mytfnic.id]
145     size = "Standard_DS1_v2"
146     os_disk {
147         name = "myOsDisk"
148         caching = "ReadWrite"
149         storage_account_type = "Standard_LRS"
150     }
151
152     source_image_reference {
153         publisher = "Canonical"
154         offer = "UbuntuServer"
155         sku = "18.04-LTS"
156         version = "latest"
157     }
158
159     computer_name = "myvm"
160     admin_username = "azuser1"
161     disable_password_authentication = true
162
163     admin_ssh_key {
164         username = "azuser1"
165         public_key = tls_private_key.example_ssh.public_key_openssh
166     }
167
168     boot_diagnostics {
169         storage_account_uri = azurerm_storage_account.mysa.primary_blob_endpoint
170     }
171
172     tags = {
173         environment = "Terraform Demo"
174     }
175 }
176 STEP2: Run the plan
177 $terraform plan
178 STEP3: Execute now to create the resources
179 $terraform apply
180 STEP4: ls terraform.tfstate
181 Connect to Azure VM:
182 1. create the private key "azuser1.pem"
183 2. Change permissions "chmod 400 azuser1.pem"
184 3. Connect to VM using: ssh -i azuser1.pem azuser1@<public IP>
185
186 ~/tf/learn-terraform-azure$ terraform destroy
187
188 An execution plan has been generated and is shown below.
189 Resource actions are indicated with the following symbols:
190   - destroy
191
192 Terraform will perform the following actions:
193
194 # azurerm_linux_virtual_machine.mytfvm will be destroyed
195 - resource "azurerm_linux_virtual_machine" "mytfvm" {
196     - admin_username = "azuser1" -> null
197     - allow_extension_operations = true -> null
198     - computer_name = "myvm" -> null
199     - disable_password_authentication = true -> null
200     - encryption_at_host_enabled = false -> null
201     - extensions_time_budget = "PT1H30M" -> null
202     - id =

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"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
203 Microsoft.Compute/virtualMachines/myVM" -> null
204 - location = "eastus2" -> null
205 - max_bid_price = -1 -> null
206 - name = "myVM" -> null
207 - network_interface_ids = [
208     "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/provid
209     ers/Microsoft.Network/networkInterfaces/myNIC",
210 ] -> null
211 - priority = "Regular" -> null
212 - private_ip_address = "10.0.2.4" -> null
213 - private_ip_addresses = [
214     - "10.0.2.4",
215 ] -> null
216 - provision_vm_agent = true -> null
217 - public_ip_addresses = [] -> null
218 - resource_group_name = "myrg" -> null
219 - size = "Standard_DS1_v2" -> null
220 - tags = {
221     - "environment" = "Terraform Demo"
222 } -> null
223 - virtual_machine_id = "8973a178-eae5-4531-b1cd-1bb00113cb84" -> null
224
225 - admin_ssh_key {
226     - public_key = <<-EOT
227         ssh-rsa
228         -----
229         -----
230         -----
231         EOT -> null
232     - username = "azuser1" -> null
233 }
234
235 - boot_diagnostics {
236     - storage_account_uri = "https://diage532788fe3f42297.blob.core.windows.net/"
237     -> null
238 }
239
240 - os_disk {
241     - caching = "ReadWrite" -> null
242     - disk_size_gb = 30 -> null
243     - name = "myOsDisk" -> null
244     - storage_account_type = "Standard_LRS" -> null
245     - write_accelerator_enabled = false -> null
246 }
247
248 - source_image_reference {
249     - offer = "UbuntuServer" -> null
250     - publisher = "Canonical" -> null
251     - sku = "18.04-LTS" -> null
252     - version = "latest" -> null
253 }
254
255 # azurerm_network_interface.mytfnic will be destroyed
256 - resource "azurerm_network_interface" "mytfnic" {
257     - applied_dns_servers = [] -> null
258     - dns_servers = [] -> null
259     - enable_accelerated_networking = false -> null
260     - enable_ip_forwarding = false -> null
261     - id =
262         "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
263         Microsoft.Network/networkInterfaces/myNIC" -> null
264     - internal_domain_name_suffix =
265         "3qop5zp0deue5ndmpldlnz1jtb.cx.internal.cloudapp.net" -> null
266     - location = "eastus2" -> null
267     - mac_address = "00-0D-3A-7D-D1-1B" -> null
268     - name = "myNIC" -> null

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261     - private_ip_address           = "10.0.2.4" -> null
262     - private_ip_addresses        = [
263         - "10.0.2.4",
264     ] -> null
265     - resource_group_name          = "myrg" -> null
266     - tags                          = {
267         - "environment" = "Terraform Demo"
268     } -> null
269     - virtual_machine_id           =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Compute/virtualMachines/myVM" -> null

270
271     - ip_configuration {
272         - name                     = "myNicConfiguration" -> null
273         - primary                   = true -> null
274         - private_ip_address        = "10.0.2.4" -> null
275         - private_ip_address_allocation = "Dynamic" -> null
276         - private_ip_address_version = "IPv4" -> null
277         - public_ip_address_id      =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/provid
ers/Microsoft.Network/publicIPAddresses/myPublicIP" -> null
278         - subnet_id                =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/provid
ers/Microsoft.Network/virtualNetworks/myVnet/subnets/mySubnet" -> null
279     }
280 }
281
282 # azure_rm_network_interface_security_group_association.sg2nic will be destroyed
283 - resource "azure_rm_network_interface_security_group_association" "sg2nic" {
284     - id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/networkInterfaces/myNIC/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f
5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/networkSecurityGroups/my
NetworkSecurityGroup" -> null
285     - network_interface_id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/networkInterfaces/myNIC" -> null
286     - network_security_group_id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/networkSecurityGroups/myNetworkSecurityGroup" -> null
287 }
288
289 # azure_rm_network_security_group.mynsg will be destroyed
290 - resource "azure_rm_network_security_group" "mynsg" {
291     - id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/networkSecurityGroups/myNetworkSecurityGroup" -> null
292     - location = "eastus2" -> null
293     - name = "myNetworkSecurityGroup" -> null
294     - resource_group_name = "myrg" -> null
295     - security_rule = [
296         - {
297             - access = "Allow"
298             - description = ""
299             - destination_address_prefix = "*"
300             - destination_address_prefixes = []
301             - destination_application_security_group_ids = []
302             - destination_port_range = "22"
303             - destination_port_ranges = []
304             - direction = "Inbound"
305             - name = "SSH"
306             - priority = 1001
307             - protocol = "Tcp"
308             - source_address_prefix = "*"
309             - source_address_prefixes = []
310             - source_application_security_group_ids = []
311             - source_port_range = "*"
312             - source_port_ranges = []
313         },

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314     ] -> null
315     - tags = {
316         - "environment" = "Terraform Demo"
317     } -> null
318 }
319
320 # azurerm_public_ip.mypip will be destroyed
321 - resource "azurerm_public_ip" "mypip" {
322     - allocation_method = "Dynamic" -> null
323     - id =
324       "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/publicIPAddresses/myPublicIP" -> null
325     - idle_timeout_in_minutes = 4 -> null
326     - ip_version = "IPv4" -> null
327     - location = "eastus2" -> null
328     - name = "myPublicIP" -> null
329     - resource_group_name = "myrg" -> null
330     - sku = "Basic" -> null
331     - tags = {
332         - "environment" = "Terraform Demo"
333     } -> null
334 }
335
336 # azurerm_resource_group.rg will be destroyed
337 - resource "azurerm_resource_group" "rg" {
338     - id =
339       "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg" -> null
340     - location = "eastus2" -> null
341     - name = "myrg" -> null
342     - tags = {
343         - "environment" = "Terraform Demo"
344     } -> null
345 }
346
347 # azurerm_storage_account.mysa will be destroyed
348 - resource "azurerm_storage_account" "mysa" {
349     - access_tier = "Hot" -> null
350     - account_kind = "StorageV2" -> null
351     - account_replication_type = "LRS" -> null
352     - account_tier = "Standard" -> null
353     - allow_blob_public_access = false -> null
354     - enable_https_traffic_only = true -> null
355     - id =
356       "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Storage/storageAccounts/diage532788fe3f42297" -> null
357     - is_hns_enabled = false -> null
358     - location = "eastus2" -> null
359     - min_tls_version = "TLS1_0" -> null
360     - name = "diage532788fe3f42297" -> null
361     - primary_access_key = (sensitive value)
362     - primary_blob_connection_string = (sensitive value)
363     - primary_blob_endpoint =
364       "https://diage532788fe3f42297.blob.core.windows.net/" -> null
365     - primary_blob_host = "diage532788fe3f42297.blob.core.windows.net"
366     -> null
367     - primary_connection_string = (sensitive value)
368     - primary_dfs_endpoint =
369       "https://diage532788fe3f42297.dfs.core.windows.net/" -> null
370     - primary_dfs_host = "diage532788fe3f42297.dfs.core.windows.net" ->
null
371     - primary_file_endpoint =
372       "https://diage532788fe3f42297.file.core.windows.net/" -> null
373     - primary_file_host = "diage532788fe3f42297.file.core.windows.net"
374     -> null
375     - primary_location = "eastus2" -> null
376     - primary_queue_endpoint =
377       "https://diage532788fe3f42297.queue.core.windows.net/" -> null
378     - primary_queue_host = "diage532788fe3f42297.queue.core.windows.net"
379     -> null

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370     - primary_table_endpoint           =
371     "https://diage532788fe3f42297.table.core.windows.net/" -> null
372     - primary_table_host               = "diage532788fe3f42297.table.core.windows.net"
373     -> null
374     - primary_web_endpoint             =
375     "https://diage532788fe3f42297.z20.web.core.windows.net/" -> null
376     - primary_web_host                 =
377     "diage532788fe3f42297.z20.web.core.windows.net" -> null
378     - resource_group_name              = "myrg" -> null
379     - secondary_access_key              = (sensitive value)
380     - secondary_connection_string       = (sensitive value)
381     - tags                              = {
382       - "environment" = "Terraform Demo"
383     } -> null
384
385     - network_rules {
386       - bypass           = [
387         - "AzureServices",
388       ] -> null
389       - default_action   = "Allow" -> null
390       - ip_rules         = [] -> null
391       - virtual_network_subnet_ids = [] -> null
392     }
393
394     - queue_properties {
395       - hour_metrics {
396         - enabled           = true -> null
397         - include_apis     = true -> null
398         - retention_policy_days = 7 -> null
399         - version           = "1.0" -> null
400       }
401       - logging {
402         - delete           = false -> null
403         - read             = false -> null
404         - retention_policy_days = 0 -> null
405         - version         = "1.0" -> null
406         - write           = false -> null
407       }
408       - minute_metrics {
409         - enabled           = false -> null
410         - include_apis     = false -> null
411         - retention_policy_days = 0 -> null
412         - version         = "1.0" -> null
413       }
414     }
415
416     # azurerm_subnet.mysn will be destroyed
417     - resource "azurerm_subnet" "mysn" {
418       - address_prefix           = "10.0.2.0/24" -> null
419       - address_prefixes        = [
420         - "10.0.2.0/24",
421       ] -> null
422       - enforce_private_link_endpoint_network_policies = false -> null
423       - enforce_private_link_service_network_policies = false -> null
424       - id                       =
425       "/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
426       Microsoft.Network/virtualNetworks/myVnet/subnets/mySubnet" -> null
427       - name                     = "mySubnet" -> null
428       - resource_group_name      = "myrg" -> null
429       - service_endpoint_policy_ids = [] -> null
430       - service_endpoints        = [] -> null
431       - virtual_network_name     = "myVnet" -> null
432     }
433
434     # azurerm_virtual_network.mynw will be destroyed

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433 - resource "azurerm_virtual_network" "myvw" {
434   - address_space = [
435     - "10.0.0.0/16",
436   ] -> null
437   - dns_servers = [] -> null
438   - guid = "e5ff1cec-19fa-4f28-b46c-7ac6b6e76999" -> null
439   - id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/
Microsoft.Network/virtualNetworks/myVnet" -> null
440   - location = "eastus2" -> null
441   - name = "myVnet" -> null
442   - resource_group_name = "myrg" -> null
443   - subnet = [
444     - {
445       - address_prefix = "10.0.2.0/24"
446       - id =
"/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/pr
viders/Microsoft.Network/virtualNetworks/myVnet/subnets/mySubnet"
447       - name = "mySubnet"
448       - security_group = ""
449     },
450   ] -> null
451   - tags = {
452     - "environment" = "Terraform Demo"
453   } -> null
454   - vm_protection_enabled = false -> null
455 }
456
457 # random_id.randomId will be destroyed
458 - resource "random_id" "randomId" {
459   - b64_std = "5TJ4j+P0Ipc=" -> null
460   - b64_url = "5TJ4j-P0Ipc" -> null
461   - byte_length = 8 -> null
462   - dec = "16515395342921114263" -> null
463   - hex = "e532788fe3f42297" -> null
464   - id = "5TJ4j-P0Ipc" -> null
465   - keepers = {
466     - "resource_group" = "myrg"
467   } -> null
468 }
469
470 # tls_private_key.example_ssh will be destroyed
471 - resource "tls_private_key" "example_ssh" {
472   - algorithm = "RSA" -> null
473   - ecdsa_curve = "P224" -> null
474   - id = "9e768f9f3200fca2e4e2804ccde48926fc669a36" -> null
475   - private_key_pem = (sensitive value)
476   - public_key_fingerprint_md5 = "81:1a:5e:db:5a:ae:7a:67:1a:36:2f:07:95:ee:c9:3a"
-> null
477   - public_key_openssh = <<-EOT
478     xxxxxxxxxxxxxxxx
479 -> null
480   - public_key_pem = <<-EOT
481     -----END PUBLIC KEY-----
482     EOT -> null
483   - rsa_bits = 4096 -> null
484 }
485
486 Plan: 0 to add, 0 to change, 11 to destroy.
487
488 Changes to Outputs:
489 - tls_private_key = <<-EOT
490   -----BEGIN RSA PRIVATE KEY-----
491   -----END RSA PRIVATE KEY-----
492   EOT -> null
493
494 Do you really want to destroy all resources?
495 Terraform will destroy all your managed infrastructure, as shown above.
496 There is no undo. Only 'yes' will be accepted to confirm.

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497
498 Enter a value: yes
499
500 azure_rm_network_interface_security_group_association.sg2nic: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/networkInterfaces/myNIC|/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/networkSecurityGroups/myNetworkSecurityGroup]
501 azure_rm_linux_virtual_machine.mytfvm: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Compute/virtualMachines/myVM]
502 azure_rm_network_interface_security_group_association.sg2nic: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...kSecurityGroups/myNetworkSecurityGroup, 10s elapsed]
503 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 10s elapsed]
504 azure_rm_network_interface_security_group_association.sg2nic: Destruction complete after 11s
505 azure_rm_network_security_group.mynsg: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/networkSecurityGroups/myNetworkSecurityGroup]
506 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 20s elapsed]
507 azure_rm_network_security_group.mynsg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...kSecurityGroups/myNetworkSecurityGroup, 10s elapsed]
508 azure_rm_network_security_group.mynsg: Destruction complete after 11s
509 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 30s elapsed]
510 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 40s elapsed]
511 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 50s elapsed]
512 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 1m0s elapsed]
513 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 1m10s elapsed]
514 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 1m20s elapsed]
515 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 1m30s elapsed]
516 azure_rm_linux_virtual_machine.mytfvm: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...Microsoft.Compute/virtualMachines/myVM, 1m40s elapsed]
517 azure_rm_linux_virtual_machine.mytfvm: Destruction complete after 1m47s
518 azure_rm_network_interface.mytfnic: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/networkInterfaces/myNIC]
519 tls_private_key.example_ssh: Destroying... [id=9e768f9f3200fca2e4e2804ccde48926fc669a36]
520 tls_private_key.example_ssh: Destruction complete after 0s
521 azure_rm_storage_account.mysa: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Storage/storageAccounts/diage532788fe3f42297]
522 azure_rm_storage_account.mysa: Destruction complete after 2s
523 random_id.randomId: Destroying... [id=5TJ4j-P0Ipc]
524 random_id.randomId: Destruction complete after 0s
525 azure_rm_network_interface.mytfnic: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...rosoft.Network/networkInterfaces/myNIC, 10s elapsed]
526 azure_rm_network_interface.mytfnic: Destruction complete after 10s

527 azurerm_subnet.mysn: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/virtualNetworks/myVnet/subnets/mySubnet]

528 azurerm_public_ip.mypip: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/publicIPAddresses/myPublicIP]

529 azurerm_subnet.mysn: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...irtualNetworks/myVnet/subnets/mySubnet, 10s elapsed]

530 azurerm_public_ip.mypip: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...t.Network/publicIPAddresses/myPublicIP, 10s elapsed]

531 azurerm_subnet.mysn: Destruction complete after 11s

532 azurerm_virtual_network.mynw: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg/providers/Microsoft.Network/virtualNetworks/myVnet]

533 azurerm_public_ip.mypip: Destruction complete after 11s

534 azurerm_virtual_network.mynw: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-...icrosoft.Network/virtualNetworks/myVnet, 10s elapsed]

535 azurerm_virtual_network.mynw: Destruction complete after 11s

536 azurerm_resource_group.rg: Destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg]

537 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 10s elapsed]

538 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 20s elapsed]

539 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 30s elapsed]

540 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 40s elapsed]

541 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 50s elapsed]

542 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 1m0s elapsed]

543 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 1m10s elapsed]

544 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 1m20s elapsed]

545 azurerm_resource_group.rg: Still destroying...
[id=/subscriptions/2c8ffdd9-bf70-476c-8a3b-8f5f76ec8a02/resourceGroups/myrg, 1m30s elapsed]

546 azurerm_resource_group.rg: Destruction complete after 1m32s

547

548 Destroy complete! Resources: 11 destroyed.

549

550