```
1  resource "azurerm_virtual_machine_scale_set" "demo" {
2    name                 = "mytestscaleset-1"
3    location             = var.location
4    resource_group_name = azurerm_resource_group.demo.name
5
6    # automatic rolling upgrade
7    automatic_os_upgrade = true
8    upgrade_policy_mode  = "Rolling"
9
10   rolling_upgrade_policy {
11     max_batch_instance_percent              = 20
12     max_unhealthy_instance_percent          = 20
13     max_unhealthy_upgraded_instance_percent = 5
14     pause_time_between_batches              = "PT0S"
15   }
16
17   # required when using rolling upgrade policy
18   health_probe_id = azurerm_lb_probe.demo.id
19
20   zones            = var.zones
21
22   sku {
23     name     = "Standard_A1_v2"
24     tier     = "Standard"
25     capacity = 2
26   }
27
28   storage_profile_image_reference {
29     publisher = "Canonical"
30     offer     = "UbuntuServer"
31     sku       = "18.04-LTS"
32     version   = "latest"
33   }
34
35   storage_profile_os_disk {
36     name              = ""
37     caching           = "ReadWrite"
38     create_option     = "FromImage"
39     managed_disk_type = "Standard_LRS"
40   }
41
42   storage_profile_data_disk {
43     lun           = 0
44     caching       = "ReadWrite"
45     create_option = "Empty"
46     disk_size_gb  = 10
47   }
48
49   os_profile {
50     computer_name_prefix = "demo"
51     admin_username       = "demo"
52     custom_data          = "#!/bin/bash\n\napt-get update && apt-get install -y nginx
  && systemctl enable nginx && systemctl start nginx"
53   }
54
55   os_profile_linux_config {
56     disable_password_authentication = true
57
58     ssh_keys {
59       key_data = file("mykey.pub")
```

```
60          path      = "/home/demo/.ssh/authorized_keys"
61        }
62      }
63
64    network_profile {
65      name                              = "networkprofile"
66      primary                           = true
67      network_security_group_id         = azurerm_network_security_group.demo-
   instance.id
68
69      ip_configuration {
70        name                            = "IPConfiguration"
71        primary                         = true
72        subnet_id                       = azurerm_subnet.demo-subnet-1.id
73        load_balancer_backend_address_pool_ids =
   [azurerm_lb_backend_address_pool.bpepool.id]
74        load_balancer_inbound_nat_rules_ids   = [azurerm_lb_nat_pool.lbnatpool.id]
75      }
76    }
77 }
78
```