```
 1  resource "azurerm_lb" "demo" {
 2    name                = "demo-loadbalancer"
 3    sku                 = length(var.zones) == 0 ? "Basic" : "Standard" # Basic is
    free, but doesn't support Availability Zones
 4    location            = var.location
 5    resource_group_name = azurerm_resource_group.demo.name
 6
 7    frontend_ip_configuration {
 8      name                = "PublicIPAddress"
 9      public_ip_address_id = azurerm_public_ip.demo.id
10    }
11  }
12
13  resource "azurerm_public_ip" "demo" {
14    name                = "demo-public-ip"
15    location            = var.location
16    resource_group_name = azurerm_resource_group.demo.name
17    allocation_method   = "Static"
18    domain_name_label   = azurerm_resource_group.demo.name
19    sku                 = length(var.zones) == 0 ? "Basic" : "Standard"
20  }
21
22
23  resource "azurerm_lb_backend_address_pool" "bpepool" {
24    resource_group_name = azurerm_resource_group.demo.name
25    loadbalancer_id     = azurerm_lb.demo.id
26    name                = "BackEndAddressPool"
27  }
28
29  resource "azurerm_lb_nat_pool" "lbnatpool" {
30    resource_group_name          = azurerm_resource_group.demo.name
31    name                         = "ssh"
32    loadbalancer_id              = azurerm_lb.demo.id
33    protocol                     = "Tcp"
34    frontend_port_start          = 50000
35    frontend_port_end            = 50119
36    backend_port                 = 22
37    frontend_ip_configuration_name = "PublicIPAddress"
38  }
39
40  resource "azurerm_lb_probe" "demo" {
41    resource_group_name = azurerm_resource_group.demo.name
42    loadbalancer_id     = azurerm_lb.demo.id
43    name                = "http-probe"
44    protocol            = "Http"
45    request_path        = "/"
46    port                = 80
47  }
48
49  resource "azurerm_lb_rule" "demo" {
50    resource_group_name          = azurerm_resource_group.demo.name
51    loadbalancer_id              = azurerm_lb.demo.id
52    name                         = "LBRule"
53    protocol                     = "Tcp"
54    frontend_port                = 80
55    backend_port                 = 80
56    frontend_ip_configuration_name = "PublicIPAddress"
57    probe_id                     = azurerm_lb_probe.demo.id
58    backend_address_pool_id      = azurerm_lb_backend_address_pool.bpepool.id
59  }
```