

## 1. Objective – Configure public load balancer

1. Select **Home > Resource groups**, then choose your resource group, such as *oreilly-az104*
2. At the top of the resource group window select **+ Add**, search for and select “*load balancer*”, then choose **Create**. Enter the following configuration information. If not noted below, use the defaults:

Resource group: *oreilly-az104*

Name: *loadbalancer-westus*

Region: *West US*

Type: *Public*

SKU: *Basic*

Public IP address: *Create new*

Public IP address name: *loadbalancer-publicip*

Assignment: *Dynamic*

3. When ready, select **Review + create**, then **Create**
4. If needed, select the notification bell in the top right-hand corner to view deployment progress as the load balancer is created. It takes a minute or two to create the resource. When ready, select **Go to resource**.

## 2. Objective – Configure load balancing rules

1. From the load balancer, select **Health probes** from the menu on the left-hand side, then choose **+ Add**. Enter the following configuration information. If not noted below, use the defaults:

Name: *httpprobe*

Protocol: *HTTP*

Port: *80*

Path: */*

Interval: *5*

Unhealthy threshold: *2*

2. When ready, select **OK**.  
We return to the load balancer in our next section after we’ve created and configured some VMs. Right now, we have no resources to connect to the load balancer for additional configuration.