Get started creating an Internal load balancer using Azure portal

Use the following steps to create an internal load balancer from the Azure portal.

1. Open a browser, navigate to the [Azure portal](http://portal.azure.com/), and sign in with your Azure account.
2. In the upper left hand side of the screen, click **Create a resource** > **Networking** > **Load balancer**.
3. In the **Create load balancer** blade, enter a **Name** for your load balancer.
4. Under **Type**, click **Internal**.
5. Click **Virtual network**, and then select the virtual network where you want to create the load balancer.

Note

If you do not see the virtual network you want to use, check the **Location** you are using for the load balancer, and change it accordingly.

1. Click **Subnet**, and then select the subnet where you want to create the load balancer.
2. Under **IP address assignment**, click either **Dynamic. Enter IP Address: 10.1.2.5**
3. Under **Resource group** either specify the name of a new resource group for the load balancer, or click **select existing** and select an existing resource group.
4. Click **Create**.

Configure load balancing rules

After the load balancer creation, navigate to the load balancer resource to configure it. Configure a backend address pool and a probe before configuring a load balancing rule.

Step 1: Configure a backend pool

1. In the Azure portal, click **Browse** > **Load balancers**, and then click the load balancer that you created earlier.
2. In the **Settings** page, click **Backend pools**.
3. In the **Backend address pools** page, click **Add**.
4. In the **Add backend pool** page, enter a **Name** for the backend pool, and then click **OK**.

Step 2: Configure a probe

1. In the Azure portal, click **Browse** > **Load balancers**, and then click the load balancer that you created earlier.
2. In the **Settings** page, click **Health probes**.
3. In the **Health probes** page, click **Add**.
4. In the **Add health probe** page, enter a **Name** for the probe.
5. Under **Protocol**, select **HTTP** (for web sites) or **TCP** (for other TCP-based applications).
6. Under **Port**, specify the port to use when accessing the probe.
7. Under **Path** (for HTTP probes only), specify the path to use as a probe.
8. Under **Interval** specify how frequently to probe the application.
9. Under **Unhealthy threshold**, specify how many attempts should fail before the backend virtual machine is marked as unhealthy.
10. Click **OK** to create probe.

Step 3: Configure load balancing rules

1. In the Azure portal, click **Browse** > **Load balancers**, and then click the load balancer that you created earlier.
2. In the **Settings** page, click **Load balancing rules**.
3. In the **Load balancing rules** page, click **Add**.
4. In the **Add load balancing rule** page, enter a **Name** for the rule.
5. Under **Protocol**, select **TCP** or **UDP**.
6. Under **Port**, specify the port clients connect to in the load balancer.
7. Under **Backend port**, specify the port to be used in the backend pool (usually, the load balancer port and the backend port are the same).
8. Under **Backend pool**, select the backend pool you created earlier.
9. Under **Session persistence**, select how you want sessions to persist.
10. Under **Idle timeout (minutes)**, specify the idle timeout.
11. Under **Floating IP (direct server return)**, click **Disabled** or **Enabled**.
12. Click **OK**.