Create an application gateway

A virtual network is needed for communication between the resources that you create. Two subnets are created in this example: one for the application gateway, and the other for the backend servers. You can create a virtual network at the same time that you create the application gateway.

1. Click **New** found on the upper left-hand corner of the Azure portal.
2. Select **Networking** and then select **Application Gateway** in the Featured list.
3. Enter these values for the application gateway:
   * *myAppGateway* - for the name of the application gateway.
   * *myResourceGroupAG* - for the new resource group.
4. Accept the default values for the other settings and then click **OK**.
5. Click **Choose a virtual network**, click **Create new**, and then enter these values for the virtual network:
   * *myVNet* - for the name of the virtual network.
   * *10.0.0.0/16* - for the virtual network address space.
   * *myAGSubnet* - for the subnet name.
   * *10.0.0.0/24* - for the subnet address space.
6. Click **OK** to create the virtual network and subnet.
7. Click **Choose a public IP address**, click **Create new**, and then enter the name of the public IP address. In this example, the public IP address is named *myAGPublicIPAddress*. Accept the default values for the other settings and then click **OK**.
8. Accept the default values for the Listener configuration, leave the Web application firewall disabled, and then click **OK**.
9. Review the settings on the summary page, and then click **OK** to create the virtual network, the public IP address, and the application gateway. It may take several minutes for the application gateway to be created, wait until the deployment finishes successfully before moving on to the next section.

Add a subnet

1. Click **All resources** in the left-hand menu, and then click **myVNet** from the resources list.
2. Click **Subnets**, and then click **Subnet**.
3. Enter *myBackendSubnet* for the name of the subnet and then click **OK**.