Creating a Virtual Machine Scale Set (VMSS) using the Azure portal involves several steps. Here’s a detailed guide to help you through the process:

**Step-by-Step Guide to Creating a VMSS in Azure Portal**

1. **Log into the Azure Portal**
   * Open a web browser and go to the [Azure portal](https://portal.azure.com/).
   * Sign in with your Azure account credentials.
2. **Navigate to the VMSS Creation Page**
   * In the left-hand menu, click on "Create a resource."
   * In the "Search the Marketplace" box, type "Virtual Machine Scale Set" and press Enter.
   * Select "Virtual Machine Scale Set" from the list of results.
   * Click the "Create" button.
3. **Basics Tab**
   * **Subscription**: Select your subscription.
   * **Resource Group**: Select an existing resource group or create a new one.
   * **Virtual Machine Scale Set Name**: Enter a name for your scale set.
   * **Region**: Choose the Azure region where you want to deploy the scale set.
   * **Availability Zone**: (Optional) Select the availability zones if required.
   * **Orchestration Mode**: Select "Uniform" for identical VMs or "Flexible" for diverse VMs (usually "Uniform" is selected).
4. **Instance Details**
   * **Image**: Choose the operating system image (e.g., Windows Server, Ubuntu).
   * **Azure Spot Instance**: (Optional) Choose if you want to use Azure Spot instances for cost savings.
   * **Size**: Select the VM size (e.g., Standard\_D2s\_v3).
5. **Instances and Scaling**
   * **Initial Instance Count**: Enter the number of VMs to start with.
   * **Autoscale**: Enable or configure autoscale settings if needed.
6. **Disks**
   * **OS Disk Type**: Choose the type of OS disk (Standard SSD, Premium SSD, etc.).
   * **Encryption**: Configure disk encryption settings if necessary.
7. **Networking**
   * **Virtual Network**: Select an existing virtual network or create a new one.
   * **Subnet**: Choose a subnet within the selected virtual network.
   * **Public IP Address**: (Optional) Configure public IP addresses for load balancing.
   * **Load Balancer**: Create or select an existing load balancer.
   * **Network Security Group (NSG)**: Configure NSG rules as needed.
8. **Management**
   * **Boot Diagnostics**: Enable or disable boot diagnostics.
   * **Identity**: Configure managed identity settings if needed.
   * **Monitoring**: Enable monitoring and diagnostics settings.
9. **Advanced**
   * Configure additional settings such as custom data, extensions, and proximity placement group.
10. **Tags**
    * Add tags to organize your resources.
11. **Review + Create**
    * Review your configuration settings.
    * Click the "Create" button to start the deployment.

**Monitoring and Managing VMSS**

Once your VMSS is created, you can manage and monitor it from the Azure portal:

* **Scaling**: Adjust the number of instances manually or configure autoscale rules based on metrics.
* **Updating Instances**: Apply updates or changes to the VM instances.
* **Monitoring**: Use Azure Monitor to track the performance and health of the VM instances.

By following these steps, you should be able to create and manage a Virtual Machine Scale Set using the Azure portal. If you have any specific requirements or configurations, you can adjust the settings accordingly during the creation process.