

Boot diagnostics is a feature available in Azure virtual machines (VMs) that provides a serial console log and screenshot of the VM's boot process. This feature can be very useful for troubleshooting boot-related issues.

To enable boot diagnostics in an Azure VM, follow these steps:

Go to the Azure portal and select the virtual machine for which you want to enable boot diagnostics.

In the virtual machine blade, under the Monitoring section, select Boot diagnostics.

In the Boot diagnostics blade, select Turn on boot diagnostics.

Choose the storage account and the desired operating system type (Windows or Linux).

Click Save.

Once boot diagnostics are enabled, you can view the serial console log and screenshot by following these steps:

Go to the Azure portal and select the virtual machine with boot diagnostics enabled.

In the virtual machine blade, under the Monitoring section, select Boot diagnostics.

In the Boot diagnostics blade, you can view the screenshot by selecting Screenshot or view the serial console log by selecting Serial console.

The serial console log provides detailed information about the boot process, including any errors or warnings that occurred during boot. The screenshot provides a visual representation of the VM's boot process, which can help identify any issues with the boot process.

Overall, boot diagnostics can be a valuable tool for troubleshooting boot-related issues in Azure VMs.