

### **Step 1: Update Your System**

First, make sure your existing packages are up to date:

- `sudo apt update`
- `sudo apt upgrade`

### **Step 2: Install Required Packages**

Install necessary packages to allow apt to use packages over HTTPS:

- `sudo apt install apt-transport-https ca-certificates curl software-properties-common`

### **Step 3: Add Docker's Official GPG Key**

Add the Docker GPG key to your system:

- `curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg`

### **Step 4: Set Up the Stable Repository**

Add the Docker repository to apt sources:

- `echo "deb [arch=amd64 signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null`

### **Step 5: Update Package Database**

Update the package database to include Docker packages from the newly added repo.

- `sudo apt update`

### **Step 6: Install Docker**

Install Docker:

- `sudo apt install docker-ce`

### *Step 7: Verify Docker Installation*

*Check if Docker is installed correctly by running the hello-world image:*

- *sudo docker run hello-world*