



链滴

矩池云上如何安装 nvcc

作者: [matpool](#)

原文链接: <https://ld246.com/article/1607564849002>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

若您想要使用 nvcc, 但是所选的镜像中没有预装 nvcc, 可按照如下操作自行安装。

1. 检查系统版本

```
source /etc/os-release && echo $VERSION_ID
```

2. 导入apt仓库和其GPG key

第一步若输出 16.04

```
curl -fsSL https://mirrors.aliyun.com/nvidia-cuda/ubuntu1604/x86_64/7fa2af80.pub | apt-key  
dd -  
echo "deb https://mirrors.aliyun.com/nvidia-cuda/ubuntu1604/x86_64/ /" > /etc/apt/sources.l  
st.d/cuda.list
```

第一步若输出 18.04

```
curl -fsSL https://mirrors.aliyun.com/nvidia-cuda/ubuntu1804/x86_64/7fa2af80.pub | apt-key  
dd -  
echo "deb https://mirrors.aliyun.com/nvidia-cuda/ubuntu1804/x86_64/ /" > /etc/apt/sources.l  
st.d/cuda.list
```

3. 安装所需版本的 nvcc

```
apt update
```

```
# "10-0" 表示安装CUDA10.0版本的 nvcc, 应根据镜像中cuda版本安装  
apt install cuda-command-line-tools-10-0
```

cuda10的镜像ubuntu1804

```
apt update  
apt install cuda-command-line-tools-10-0
```

cuda10.1的镜像ubuntu1804

```
apt update  
apt install cuda-command-line-tools-10-1
```

cuda10.2的镜像ubuntu1804

```
apt update  
apt install cuda-command-line-tools-10-2
```

cuda9的镜像ubuntu1604

```
apt update  
apt install cuda-command-line-tools-9-0
```

cuda8的镜像ubuntu1604

```
apt update  
apt install cuda-command-line-tools-8-0
```

4. 验证nvcc安装

```
nvcc --version
```

参考链接

https://mirrors.aliyun.com/nvidia-cuda/ubuntu1804/x86_64/

https://mirrors.aliyun.com/nvidia-cuda/ubuntu1604/x86_64/