# 将 docker-compose 升级到最新版本

[在 GitHub 的发布页面上](https://github.com/docker/compose/releases)找到 *最新版本* ，或者通过 curl API并使用or从响应中[提取](https://www.jb51.cc/tag/tiqu/)版本：grep``jq

# curl + grep  
 VERSION=$(curl --silent https://api.github.com/repos/docker/compose/releases/latest | grep -Po '"tag\_name": "\K.\*\d')  
 # curl + jq  
 VERSION=$(curl --silent https://api.github.com/repos/docker/compose/releases/latest | jq .name -r)

*下载* 到您最喜欢的 $PATH 可访问位置并设置权限：

DESTINATION=/usr/local/bin/docker-compose  
 sudo curl -L https://github.com/docker/compose/releases/download/${VERSION}/docker-compose-$(uname -s)-$(uname -m) -o $DESTINATION  
 sudo chmod 755 $DESTINATION

升级脚本

#!/bin/bash  
#获取最新版本  
while true;do  
 if ! VERSION=$(curl --silent https://api.github.com/repos/docker/compose/releases/latest | grep -Po '"tag\_name": "\K.\*\d');then  
 echo "未获取到最新版本，将继续尝试获取，请耐心等待！"   
 else  
 echo "获取到最新版本！版本号为：${VERSION}"  
 break  
 fi  
done  
  
  
#服务器需要存放的地方  
ARRDEST=(/usr/local/bin/docker-compose /usr/bin/docker-compose)  
  
#下载最新版本的内容  
while true;do  
   
 if ! curl -L https://github.com/docker/compose/releases/download/${VERSION}/docker-compose-$(uname -s)-$(uname -m) -o docker-compose;then  
 echo "未下载到最新版本，将继续尝试下载，请耐心等待！"   
 else  
 echo "下载到最新版本！"  
 break  
 fi  
done  
  
  
#获取下载的sha256值  
dwsha256=$(sha256sum docker-compose|awk '{print $1}')  
  
#获取官网的sha256值  
while true;do  
   
 if ! orisha256=$(curl -Ls https://github.com/docker/compose/releases/download/${VERSION}/docker-compose-linux-x86\_64.sha256|awk '{print $1}');then  
 echo "未获取到官网的sha256值,将继续尝试获取，请耐心等待！"   
 else  
 echo "获取到官网的sha256值! sha256值为: ${orisha256}"  
 break  
 fi  
done  
  
#判断下载的是否和官网的一致，一致则继续下一步，否则退出  
if [ "$dwsha256" = "$orisha256" ];then  
 for DESTINATION in "${ARRDEST[@]}"  
 do  
 \cp docker-compose $DESTINATION   
 chmod 755 $DESTINATION  
 $DESTINATION -v  
 done  
else  
 exit 0  
fi