Wireguard Install !

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1. Install script Linux

1.1. A wireguard install script

install

```bash
#!/bin/bash

OS=$(cat /proc/version);

if [[ $OS =~ "Ubuntu" ]]; then
    echo ""
    echo "sudo apt update; sudo apt install wireguard"
    echo ""

elif [[ $OS =~ "Debian" ]]; then
    echo ""
    echo "sudo apt update; sudo apt install wireguard"
    echo ""

elif [[ $OS =~ "Red Hat" ]]; then
    echo ""
    echo "Red Hat 8"
    echo ""
    echo "*Method 1: the easiest way is via ELRepo's pre-built module:"
    echo ""
    echo "sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm https://www.elrepo.org/elrepo-release-8.el8.elrepo.noarch.rpm"
    echo "sudo yum install kmod-wireguard wireguard-tools"
    echo ""
    echo "*Method 2: users running non-standard kernels may wish to use the DKMS package instead:"
    echo ""
    echo "sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-
```

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8.noarch.rpm"
    echo "sudo subscription-manager repos --enable codeready-builder-for-rhel-8-
$(arch)-rpms"
    echo "sudo yum copr enable jdoss/wireguard"
    echo "sudo yum install wireguard-dkms wireguard-tools"
    echo ""
    echo ""
    echo "Red Hat 7"
    echo ""
    echo "Method 1: the easiest way is via ELRepo's pre-built module:"
    echo ""
    echo "sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-
7.noarch.rpm https://www.elrepo.org/elrepo-release-7.el7.elrepo.noarch.rpm"
    echo "sudo yum install kmod-wireguard wireguard-tools"
    echo ""
    echo "Method 2: users running non-standard kernels may wish to use the DKMS
package instead:"
    echo ""
    echo "sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-
7.noarch.rpm"
    echo "sudo curl -o /etc/yum.repos.d/jdoss-wireguard-epel-7.repo
https://copr.fedorainfracloud.org/coprs/jdoss/wireguard/repo/epel-7/jdoss-wireguard-
epel-7.repo"
    echo "sudo yum install wireguard-dkms wireguard-tools"
    echo ""

elif [[ $OS =~ "CentOS" ]]; then
    echo ""
    echo "CentOS 8"
    echo ""
    echo "*Method 1: a signed module is available as built-in to CentOS's kernel-
plus:"
    echo ""
    echo "sudo yum install yum-utils epel-release"
    echo "sudo yum-config-manager --setopt=centosplus.includepkgs="kernel-plus,
kernel-plus-*" --setopt=centosplus.enabled=1 --save"
    echo "sudo sed -e 's/^DEFAULTKERNEL=kernel-core$/DEFAULTKERNEL=kernel-plus-core/'
-i /etc/sysconfig/kernel"
    echo "sudo yum install kernel-plus wireguard-tools"
    echo "sudo reboot"
    echo ""
    echo "*Method 2: the easiest way is via ELRepo's pre-built module:"
    echo ""
    echo "sudo yum install elrepo-release epel-release"
    echo "sudo yum install kmod-wireguard wireguard-tools"
    echo ""
    echo "*Method 3: users running non-standard kernels may wish to use the DKMS
package instead:"
    echo ""
    echo "sudo yum install epel-release"
    echo "sudo yum config-manager --set-enabled PowerTools"
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    echo "sudo yum copr enable jdoss/wireguard"
    echo "sudo yum install wireguard-dkms wireguard-tools"
    echo ""
    echo "CentOS 7"
    echo ""
    echo " Method 1: a signed module is available as built-in to CentOS's kernel-
plus:"
    echo ""
    echo " sudo yum install yum-utils epel-release"
    echo " sudo yum-config-manager --setopt=centosplus.includepkgs=kernel-plus
--enablerepo=centosplus --save"
    echo " sudo sed -e 's/^DEFAULTKERNEL=kernel$/DEFAULTKERNEL=kernel-plus/' -i
/etc/sysconfig/kernel"
    echo " sudo yum install kernel-plus wireguard-tools"
    echo " sudo reboot"
    echo ""
    echo "Method 2: users wishing to stick with the standard kernel may use ELRepo's
pre-built module:"
    echo ""
    echo " sudo yum install epel-release elrepo-release"
    echo " sudo yum install yum-plugin-elrepo"
    echo " sudo yum install kmod-wireguard wireguard-tools"
    echo ""
    echo "Method 3: users running non-standard kernels may wish to use the DKMS
package instead:"
    echo ""
    echo " sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-
7.noarch.rpm"
    echo " sudo curl -o /etc/yum.repos.d/jdoss-wireguard-epel-7.repo
https://copr.fedorainfracloud.org/coprs/jdoss/wireguard/repo/epel-7/jdoss-wireguard-
epel-7.repo"
    echo " sudo yum install wireguard-dkms wireguard-tools"
    echo ""

elif [[ $OS =~ "Fedora" ]]; then
    echo ""
    echo "sudo dnf install wireguard-tools"
    echo ""

elif [[ $OS =~ "Mageia" ]]; then
    echo ""
    echo "sudo urpmi wireguard-tools"
    echo ""

elif [[ $OS =~ "SUSE" ]]; then
    echo ""
    echo "sudo zypper install wireguard-tools"
    echo ""

elif [[ $OS =~ "Arch" ]]; then
    echo ""
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    echo "sudo pacman -S wireguard-tools"
    echo ""
    echo "Users of kernels < 5.6 may also choose wireguard-lts or wireguard-
dkms+linux-headers, depending on which kernel is used."
    echo ""

elif [[ $OS =~ "Alpine" ]]; then
    echo ""
    echo "apk add -U wireguard-tools"
    echo ""

elif [[ $OS =~ "Gentoo" ]]; then
    echo ""
    echo "emerge wireguard-tools"
    echo ""

elif [[ $OS =~ "Oracle" ]]; then
    echo ""
    echo "Oracle 8"
    echo ""
    echo "sudo dnf install oraclelinux-developer-release-el8"
    echo "sudo dnf config-manager --disable ol8_developer"
    echo "sudo dnf config-manager --enable ol8_developer_UEKR6"
    echo "sudo dnf config-manager --save
--setopt=ol8_developer_UEKR6.includepkgs='wireguard-tools*'"
    echo "sudo dnf install wireguard-tools"
    echo ""
    echo "Oracle 7"
    echo ""
    echo "sudo yum install oraclelinux-developer-release-el7"
    echo "sudo yum-config-manager --disable ol7_developer"
    echo "sudo yum-config-manager --enable ol7_developer_UEKR6"
    echo "sudo yum-config-manager --save
--setopt=ol7_developer_UEKR6.includepkgs='wireguard-tools*'"
    echo "sudo yum install wireguard-tools"
    echo ""

elif [[ $OS =~ "Slackware" ]]; then
    echo ""
    echo " Run with root privileges"
    echo ""
    echo "for i in wireguard-linux-compat wireguard-tools; "
    echo "do "
    echo '    wget https://slackbuilds.org/slackbuilds/14.2/network/$i.tar.gz && tar
-xzf $i.tar.gz && cd $i && OUTPUT=$(pwd) ./$i.SlackBuild && sudo upgradepkg --install
-new ./$i*.tgz && cd ..; '
    echo "done"
    echo ""

else
    echo ""
```

```
    echo "Can't  find  what distribution of linux your running!"
    echo " see https://www.wireguard.com/install/"
    echo ""
fi
```

1.2. WireGuard Installer Windows

This utility simply downloads, verifies, and executes one of the below MSIs:

- wireguard-installer.exe

WireGuard MSIs

- wireguard-amd64-0.3.13.msi
- wireguard-arm-0.3.13.msi
- wireguard-arm64-0.3.13.msi
- wireguard-x86-0.3.13.msi

1.3. WireGuard Installer macOS

App Store

1.4. WireGuard Installer Android

Play Store