
How to install a Saner agent through the command line?

Step 1: Download the agent from **Viser**.

Step 2: Execute the following commands based on the operating system.

▪ Windows Systems:

Extract the **zip file** downloaded from the Viser.

```
C:\> cd <zip file extracted path>
```

```
C:\ SanerNow_DemoAccount > SanerNow-Windows-noui-5.2.exe /S  
/ACTIVATION_TOKEN=spsaneractivation.conf
```

/S -> indicates silent installation option

/ACTIVATION_TOKEN -> to specify the path of the conf file, this is a mandatory option.

▪ MacOS Systems:

```
unzip SanerNow_DemoAccount_OSX_x64_5.2.zip
```

```
cd SanerNow_DemoAccount
```

/bin/launchctl setenv ACTIVATION_TOKEN "<Path of spsaneractivation.conf>" (This step is not required if the spsaneractivation.conf and the SpSaner-minimal-x64.pkg files are in same location)

```
installer -pkg SpSaner-minimal-x64.pkg -target /
```

▪ Linux Systems (DPKG, RPM, APK):

```
unzip SanerNow_DemoAccount_<linux flavour>_<arch>_5.2.zip
```

```
cd SanerNow_DemoAccount
```

```
chmod +x SpSaner-minimal-x64.bin
```

```
./SpSaner-minimal-x64.bin -c 'spsaneractivation.conf'
```

▪ Package installation on Linux Devices

DPKG Systems (Debian, Ubuntu, Linux Mint):

Note: To convert the bin file to a .deb or .rpm file run the bin file by passing the conf file using the -c option and -r to specify the path where the package must be created.

```
unzip SanerNow_DemoAccount_<linux flavour>_<arch>_5.2.zip
```

```
cd SanerNow_DemoAccount
```

```
chmod +x SpSaner-minimal-x64.bin
```

```
./SanerNow-Ubuntu-x64-noui-5.2.bin -c spsaneractivation.conf -r <path to create the package installer>
```

```
cd <path of the package installer>
```

```
sudo dpkg -i SpSaner-minimal-<arch>.deb
```

RPM Systems (Redhat, Fedora, CentOS, Oracle Linux, Amazon Linux, AMI, Amazon Linux 2, Alma Linux, Rocky Linux):

```
unzip SanerNow_DemoAccount_<linux flavour>_<arch>_5.2.zip
```

```
cd SanerNow_DemoAccount
```

```
chmod +x SpSaner-minimal-x64.bin
```

```
./SanerNow-Ubuntu-x64-noui-5.2.bin -c spsaneractivation.conf -r <path to create the package installer>
```

```
cd <path of the package installer>
```

```
sudo rpm -ivh SpSaner-minimal-<arch>.rpm
```

ALPINE Systems:

```
unzip SanerNow_DemoAccount_<linux flavour>_<arch>_5.2.zip
```

```
cd SanerNow_DemoAccount
```

```
chmod +x SpSaner-minimal-x64.bin
```

```
./SanerNow-Ubuntu-x64-noui-5.2.bin -c spsaneractivation.conf -r <path to create the package installer>
```

```
cd <path of the package installer>
```

```
sudo apk add SpSaner-minimal-<arch>.rpm --allow-untrusted
```

- **To add proxy parameters in Windows, add the following options as provided in the example below.**

```
C:\> SpSaner-minimal-x86.exe /S /ACTIVATION_TOKEN=<path of spsaneractivation.conf>  
/AUTODETECTPROXY=false /PROXYENABLE=true /PROXYURL="ProxyServer"  
/PROXYPORT="ProxyPort" /PROXYAUTHENABLE=true /PROXYUNAME="ProxyUserName"  
/PROXYPASSWORD="ProxyUserPass"
```

- **Other command line options for silent mode in windows:**

`/INSTDIR=<install-directory>` - Add the path inside double quotes if it contains spaces.

`/SANER_FIRST_SCAN=<TRUE|FALSE>` - Use is it to enable/disable FIRST SCAN, where FALSE represents disable. By default, scan is enabled.

`/SANER_ACTIVATE_OFF=<TRUE>` - Mention TRUE if activation is not required after install.

`/AUTODETECTPROXY=<true|false>` - Detects the system proxy settings and uses them. If this is set, other proxy options from command line are not read.

`/PROXYENABLE=<true|false>` - If set to 'true', 'PROXYURL' and 'PROXYPORT' MUST be specified.

`/PROXYURL=<proxy-url>` - Mention the proxy server URL

`/PROXYPORT=<proxy-port>`

`/PROXYAUTHENABLE=<true|false>` - If set 'true', 'PROXYUNAME' and 'PROXYPASSWORD' parameters MUST be specified.

`/PROXYUNAME=<user-name>`

`/PROXYPASSWORD=<password>`

/D=<install-directory> - Alternative option for specifying install path. If you use this, it MUST be used as the last option on the command line.

Please note all options and values are case sensitive

Note: In the case of Linux-based and Mac operating systems, proxy parameters are taken from default system settings.