Auto Configure Clients

You can set up a repository to automate installation on your client machines.

These scripts

1. Download and install the current version of RustDesk Client
2. Set the ID Server, Relay Server, API Server and key
3. Create a static password

Determine your configuration string

Choose one of the following two options, and save the result someplace.

Client already configured

If you already have a client connected, you can get the configuration string through it

1. Click the three dots next to your ID
2. Select Network fro the menu on the left
3. Select Unlock network settings
4. Click ID/Relay Server
5. Click the copy icon (two pieces of paper, upper right)

Your configuration is now stored in your clipboard. Save that someplace.

Manually create from command line

You will need two pieces of information; the contents of /opt/rustdesk/id_ed25519.pub and your DNS Hostname or IP Address.

In this example, I'm going to use the hostname of **rustdesk.example.org**, and the contents of the public key as **wMloYQ1ITxrK/IMDcusccQZC0isjybRA16r9bSDhvqk=**. Change that for your machine

```
echo
'{"host":"rustdesk.example.org","key":"wMloYQ1ITxrK/IMDcusccQZC0isjybRA16r9b
SDhvqk="}' | base64 -w 0 | tr -d '=' | rev
```

This returns the following string

```
gC9JSPrFndoR0Uiljc2ETQSJWeqNXawMkWRN2YzV3YE1USvskc4RVSxEVWvxWT3JiOikXZrJCLic
mcv5SZsBXbhhXZus2clRGdzVnciojI0N3boJye
```

Store it someplace; you'll need it to customize your installers

Download installer scripts

Several installer scripts are available from RustDesk. These include:

- PowerShell script for Microsoft Windows
- Batch/cmd script for Microsoft Windows (use the PowerShell)
- Bash script for MacOS
- Bash script for Linux
    - Note that this only works on systems which use SystemD as the init, but will give an error message if the distribution is unsupported

Download the installers you want to use.

Customize Scripts

Edit each installer script. In the script, you will find the string **configstring**, probably in single or double quotes. Replace **configstring** with what you received in the first step (your configuration string)

These installers can be run on workstations which will automatically download and install RustDesk Client and do the base configuration.

Single script

If you are on a Unix machine (includes MacOS), all of the steps can be done at one time. Download all of your installer scripts into one directory. Save them all with either a .sh or a .ps1 suffix (bash shell and powershell respectively), then run the command below in that directory.

If you already have your configuration string, create a file named configstr.txt and put it in there, with **no line returns**. No blank lines before, after, etc...

WARNING: All .sh and .ps1 files in the directory will be modified with no backup.

installers

```
#! /usr/bin/env bash

if [ ! -f configstring.txt ]
then
   echo -n
'{"host":"rustdesk.example.org","key":"wMloYQ1ITxrK/IMDcusccQZC0isjybRA
16r9bSDhvqk="}' | base64 -w 0 | tr -d '=' | rev > configstring.txt
fi
config=`cat configstring.txt`
for file in `ls *.ps1 *.sh`
do
   sed -i "s|configstring|$config|g" $file
```

```
done
```

This will also put the configuration string into the file configstring.txt. If you can not use an installer, just open that file and copy that in the clipboard and import it into your client (same as exporting above, just using the other icon)

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