

# Manage installation questions

Several questions are displayed during the Redis Software installation process.

Here, you'll find a list of these questions and learn how to automatically answer these questions to perform a silent install.

## Installation questions

Several questions appear during installation:

- **Linux swap file** - Swap is enabled. Do you want to proceed? [Y/N]?

We recommend that you [disable Linux swap](#) in the operating system configuration to give Redis Software control of the memory allocation.

- **Automatic OS tuning** - Do you want to automatically tune the system for best performance [Y/N]?

To allow the installation process to optimize the OS for Redis Software, answer Y. The installation process prompts you for additional information.

The `/opt/redislabs/sbin/systune.sh` file contains details about the tuning process.

- **Network time** - Do you want to set up NTP time synchronization now [Y/N]?

Redis Software requires that all cluster nodes have synchronized time. You can either let the installation process configure NTP or you can [configure NTP manually](#).

- **Firewall ports** - Would you like to open RedisLabs cluster ports on the default firewall zone [Y/N]?

Redis Enterprise Software requires that all nodes have [specific network ports](#) open. You can either:

- Answer Y to let the installation process open these ports.
- Answer N and configure the firewall manually for [RHEL/CentOS firewall](#).
- Answer N and configure the firewall on the node manually for your OS.

- **Installation verification (rlcheck)** - Would you like to run `rlcheck` to verify proper configuration? [Y/N]?

We recommend running the `rlcheck` installation verification to make sure that the installation completed successfully. If you want to run this verification at a later time, you can run: `/opt/redislabs/bin/rlcheck`

## Answer install questions automatically

To perform a silent (or automated) install, answer the questions when you start the install.

There are two ways to do so:

- To automatically answer yes to all questions (which accepts the default values), start the install script with the `-y` parameter:

```
`% ./install.sh -y`
```

- Use an answer file to manage your response:

1. Create a text file to serve as an answer file.

The answer file can contain any of the parameters for the installation questions and indicate the answer for the question with yes or no.

For example:

```
ignore_swap=no  
systune=yes  
ntp=no  
firewall=no  
rlcheck=yes
```

If you use `systune=yes`, the installation answers yes to all of the system tuning questions.

1. Start the install script with the `-c` command-line option and add the path to the answer file.

For example:

```
./install.sh -c /home/user/answers
```