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Linux install and configure an AMANDA backup client

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Q. We have central AMANDA backup server configured for tape backup. How do I add new client to AMANDA server? How do I configure CentOS Linux as an AMANDA backup client?

A. The Amanda-client package should be installed on any machine that will be backed up by AMANDA (including the server if it also needs to be backed up). You will also need to install the amanda package on each AMANDA client machine.



[1]

Install amanda client

Use yum command, to install amanda-client package:

```
# yum install amanda-client
```

Output:

```
Loading "installonlyn" plugin
Setting up Install Process
Setting up repositories
Reading repository metadata in from local files
Parsing package install arguments
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for amanda-client to pack into transaction set.
amanda-client-2.5.0p2-4.i 100% |=====| 16 kB 00:00
---> Package amanda-client.i386 0:2.5.0p2-4 set to be updated
--> Running transaction check
```

Dependencies Resolved

```
=====
Package                Arch      Version      Repository    Size
=====
Installing:
amanda-client          i386      2.5.0p2-4    base          121 k
```

Transaction Summary

```
=====
Install      1 Package(s)
Update      0 Package(s)
Remove      0 Package(s)
```

Total download size: 121 k

Is this ok [y/N]: y

Downloading Packages:

```
(1/1): amanda-client-2.5. 100% |=====| 121 kB 00:00
```

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing: amanda-client          ##### [1/1]
```

```
Installed: amanda-client.i386 0:2.5.0p2-4
Complete!
```

Configure Amanda Backup Client

The `/var/lib/amanda/.amandahosts` file used to specify Amanda server location, open the same:

```
# vi /var/lib/amanda/.amandahosts
```

If your server name is `backup.nas.nixcraft.in`, enter:

```
backup.nas.nixcraft.in amanda
```

Save and close the file.

Where,

- `backup.nas.nixcraft.in` : Amanda server name
- `amanda` : User name

Please note that you can also create a file named `.amandahosts` in *the home directory of the Amanda user* on the client. The syntax is similar to that of a `.rhosts` file. It should contain an entry with the hostname of the Amanda server and the Amanda user on the server as explained above.

Just start amanda client:

```
# chkconfig amanda on && chkconfig xinetd on  
# /etc/init.d/xinetd restart
```

Amanda Server Configuration

I'm assuming that your central server is up and running. The file `/var/lib/amanda/.amandahosts` must contain entries with the hostname of each AMANDA client that is allowed to use the `amrecover` command (`amrecover` must be run as root). The syntax of the file is similar to that of a `.rhosts` file. Below is a sample `.amandahosts` file that allows `centos.nixcraft.in` client computer to use `amrecover`:

```
centos.nixcraft.in root
```

Recommended readings:

=> [Amanda Quick Start Guide](#) ^[2]

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[1] Image: <http://www.cyberciti.biz/faq/faq/category/linux/>

[2] Amanda Quick Start Guide: http://wiki.zmanda.com/index.php/Quick_start