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## Copy Data over Network: rcp

rcp means remote (file) copy. It is just like a copy program, but it can copy files across the machine over network.

The syntax of “rcp” command is as follows:

```
rcp [file_name] [remote_user@remote_machine:dir_path_on_remote_machine]
```

```
rcp -r [folder_name] [remote_user@remote_machine:dir_path_on_remote_machine].
```

### Lets take an example:

Local machine: erp.com

Local folder : R12package

remote\_user : kishore

remote\_machine : ebs.com

dir\_path\_on\_remote\_machine : /d01/oracle

We will use “rcp” to copy “R12package” from local machine (erp.com) to remote machine (ebs.com) as shown below:

```
[sachin@erp ~]$ rcp -r R12package kishore@ebs.com:/d01/oracle
```

It will ask for password for user “kishore” from machine "ebs.com". Use -p to preserve permission.

If we add local hostname along with local user on remote machine in .rhosts file of remote user then it will not ask for password as the user & machine is listed as authentic user.

### Lets take an example :

Local user : sachin

Local machine : erp.com

Add following line on remote\_machine ebs.com in file /home/kishore/.rhosts as follows:

```
erp.com sachin
```

Above line on remote machine will allow user "sachin" to copy from "erp.com" to remote machine "ebs.com" as user "kishore". Please confirm the destination path is writable for the user “kishore”.