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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”.