

What is it?

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Cross vCenter VM Mobility - CLI is a command line tool used to migrate/clone a VM from one host to another host managed by different VCs which can be linked or isolated.

Download the xvc-mobility-cli.zip tool and extract it to any folder in local machine.

How to run

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1. Set JAVA\_HOME (preferably jdk1.7 or above)
2. Run the below command from extracted folder,

Linux : /home/user1/xvc-mobility-cli>sh xvc-mobility.sh

Windows : C:\xvc-mobility-cli>xvc-mobility.bat

Command:

```
xvc-mobility -svc <source-vc-ip> -su <source-vc-username> -dvc  
<destination-vc-ip> -du <destination-vc-username> -vms <vm-names> -dh  
<destination-host> -dds <destination-datastore> -op relocate
```

Note :- VC Passwords will be asked on the prompt. Don't use this tool to migrate linked clones between VCs.

Parameters:

```
-op : operation - <required> {relocate, clone}  
-svc : source vc ip/dns name/url - <required>  
-su : source vc username - <required>  
-dvc : destination vc ip/dns name/url - <required>  
-du : destination vc username - <required>  
-vms : one or more vm names separated by comma - <required>  
-cln : clone vm name - [required for clone operation]  
-dcl : destination drs cluster - [required when dest host is not given]  
-dh : destination host - [required when dest drs-cluster is not given]  
-dds : destination datastore - [optional but required for multiple vms to  
relocate]
```

Note:

1. Arguments can be specified either through command line or config/config.properties, command line arguments take precedence
2. -dcl or -dh must be provided.  
if -dh is provided and -dds is not provided  
then vm's datastore is assumed to be shared between source and destination hosts and migrate happens only at host level.
3. both -dh and -dds are mandatory for multiple vms to relocate.
4. if -op is clone, then -cln(clone vm name) is mandatory
5. only one vm can be cloned at a time
6. special characters must be enclosed in double quotes.