

Example DSADD, DSMOD, DSGET, DSQUERY. DSMOVE and DSRM commands

<https://www.vmadmin.co.uk/microsoft/43-winserver2008/128-svr2008dscommands>

Reset Password and Force Change at Logon for an Entire OU:

```
dsquery user "OU=London,OU=Staff,DC=vmadmin,DC=local" | dsmod user -pwd Password1 -mustchpwd yes
```

Change "company" AD attribute for all Users in an Entire OU:

```
dsquery user "OU=London,OU=Staff,DC=vmadmin,DC=local" | dsmod user -company "VMAdmin"
```

Return the DN of all users in an OU:

```
dsquery user "OU=London,OU=Staff,DC=vmadmin,DC=local"
```

```
"CN=User1,OU=London,OU=Staff,DC=vmadmin,DC=local"
```

```
"CN=User2,OU=London,OU=Staff,DC=vmadmin,DC=local"
```

```
"CN=User3,OU=London,OU=Staff,DC=vmadmin,DC=local"
```

Return the DN of all users in an OU, then get all the groups the users are a member of:

```
dsquery user "OU=London,OU=Groups,DC=vmadmin,DC=local" | dsget user -memberof
```

```
"CN=Group1,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group2,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group3,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

Return the DN of all users in an OU, then get all the groups the users are a member of and use recursion:

```
dsquery user "OU=London,OU=Staff,DC=vmadmin,DC=local" | dsget user -memberof -expand
```

```
"CN=Group1,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group2,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group3,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group4,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

```
"CN=Group5,OU=London,OU=Groups,DC=vmadmin,DC=local"
```

Return the DN of all users in an OU, then get all the groups the users are a member of and use recursion. Then return the name of all the groups:

```
dsquery user "OU=London,OU=Staff,DC=vmadmin,DC=local" | dsget user -memberof -expand | dsget group -samid
```

```
samid  
Group1  
Group2  
Group3  
Group4  
Group5
```

Get all the groups a user is a member of and use recursion. Then return the name of all the groups:

```
dsquery user "CN=User3,OU=London,OU=Staff,DC=vmadmin,DC=local" | dsget user -memberof -expand | dsget group -samid
```

```
samid  
Group1  
Group2
```

Create an OU:

```
dsadd ou "ou=London,dc=domain,dc=local"
```

Create a Group:

```
dsadd group "cn=London Users,ou=London,dc=domain,dc=local"
```

Create a User:

```
dsadd user "cn=JoeUser1,ou=London,dc=domain,dc=local"
```

Add a User to a Group:

```
dsmod group "cn=LondonUsers,ou=London,dc=domain,dc=local" -addmbr  
"cn=JoeUser1,ou=London,dc=domain,dc=local"
```

Find User Beginning with "J" and Return Matching Users "samid" and "department" Attributes:

```
dsquery user domainroot -name J* | dsget user -samid -dept
```

Move an OU:

```
dsmove "ou=LiverpoolStreetOffice,dc=domain,dc=local" -newparent "ou=London,dc=domain,dc=local"
```

Rename an OU:

```
dsmove "cn=LondonUsers,ou=London,dc=domain,dc=local" -newname LondonStaff
```

Remove an OU and all its Subtree Without Prompting:

```
dsrm -noprompt -subtree "ou=deleteme,dc=domain,dc=local"
```