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AdFind command examples

Article • 01/17/2024

AdFind created by [Joe Richards](#) . He is great Active Directory MVP and created more Free Tools [here](#) .

Here is [AdFind Usage](#) and examples.

Query the schema version

AdFind -schema -s base objectVersion

Query wellKnownObjects

AdFind -default -s base wellknownObjects

List deleted objects

M
N
O
P
Q
R
S
T

AdFind -default -rb "CN=Deleted Objects" -showdel

List conflict objects

AdFind -b -gc -f "(Name=*\0ACNF:*)" -dn

Retrieve all Attributes

**AdFind.exe -schema -f "objectClass=attributeSchema" cn
LDAPDisplayName -nodn -csv >Attributes.txt**

Retrieve all Classes

**AdFind.exe -schema -f "objectclass=classSchema" cn
LDAPDisplayName -nodn -csv >Classes.txt**

Find Domain Functional level (for example Domain=Contoso.com)

AdFind -s Base -b "DC=Contoso,DC=com" msDS-Behavior-Version

List Subnets

AdFind -subnets -f (objectCategory=subnet)

List UPN Suffixes

AdFind -partitions -s base uPNSuffixes

List Password Policy

**AdFind -default -s base lockoutduration lockoutthreshold
lockoutobservationwindow maxpwdage minpwdage minpwdlength
pwdhistorylength pwdproperties**

Check Tombstone Lifetime

AdFind -config -f objectclass=ntdsservice tombstoneLifetime

Query AD for all Groups and Users that have adminCount = 1
(adminSDholder)

```
AdFind -default -f "(&(|(&(objectCategory=person)
(objectClass=user)))(objectCategory=group))(adminCount=1))" -dn
```

List all objects in an OU (for example OU=NewYork,
Domain=Contoso.com)

```
AdFind -b "OU=NewYork,DC=Contoso,DC=com" -s one -dn
```

List all OUs in Domain

```
AdFind -default -f "objectcategory=organizationalUnit" -dn
```

Find disabled accounts

```
AdFind -default -bit -f userAccountControl:AND:=2
```

OR

```
AdFind -s subtree -b DC=Contoso,DC=com -f
userAccountControl:1.2.840.113556.1.4.803:=2 -dn
```

List Users with expired password

```
AdFind -s subtree -b ,DC=Contoso,DC=com -f
userAccountControl:1.2.840.113556.1.4.803:=8388608 -dn
```

List Users Display Name in domain

```
AdFind -b DC=Contoso,DC=com -f "objectcategory=person"
displayName -sl
```

Find User SID History (for example User=Ed.Price)

```
AdFind -default -f name=Ed.Price sIDHistory
```

List Users with Dial-in configuration that have **Allow** access in OU (for
exampleOU=IT, Domain=Contoso.com)

```
AdFind.exe -b "OU=IT,DC=Contoso,DC=com" -f "(&
(objectCategory=person)(objectClass=user)
(msNPAllowDialin=TRUE))" distinguishedName sAMAccountName
```

List Users with Dial-in configuration that have **Deny access** in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind.exe -b "OU=IT,DC=Contoso,DC=com" -f "(&
(objectCategory=person)(objectClass=user)
(msNPAllowDialin=FALSE))" distinguishedName sAMAccountName
```

List Users with Dial-in configuration that have **Control access through Remote Access Policy** in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind.exe -b "OU=IT,DC=Contoso,DC=com" -f "(&
(objectCategory=person)(objectClass=user)(!
(msNPAllowDialin=*)))" distinguishedName sAMAccountName
```

List member of a Group (for example Group=IT_Support)

```
AdFind -b "CN=IT_Support,CN=Users,DC=Contoso,DC=com"
member
```

Count the number of members of a Group (for example Group=IT_Support)

```
AdFind -f "sAMAccountName=IT_Support" member -list | AdFind -c
```

List Nested Group members (for example Group=Support, OU=IT, Domain=Contoso.com)

```
AdFind -default -bit -f
"memberof:1.2.840.113556.1.4.1941:=CN=Support,OU=IT,DC=Contos
,DC=com" sAMAccountName -nodn
```

List all Groups in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -f "
(objectcategory=group)"
```

List all Universal Distribution Groups in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -gc -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(sAMAccountType=268435457)
(grouptype:OR:=8))" 1.1
```

List all Universal Security Groups in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -gc -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(grouptype:AND:=-2147483640))" 1.1
```

List all Universal Groups (Distribution & Security) in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -gc -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(grouptype:OR:=8))" 1.1
```

List all Global Groups (Distribution & Security) in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(grouptype:OR:=2))" 1.1
```

List all Global Security Groups in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(grouptype:AND:=-2147483646))" 1.1
```

List all Global Distribution Groups in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(sAMAccountType=268435457)
(grouptype:OR:=2))" 1.1
```

List all Domain Local Groups (Distribution & Security) in OU (for example OU=IT, Domain=Contoso.com)

```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -bit -f "(&
(objectcategory=group)(grouptype:OR:=4))" 1.1
```

List all Domain Local Security Groups in OU (for example OU=IT, Domain=Contoso.com)


```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -f "(&(objectcategory=group)(sAMAccountType=536870912))" 1.1
```

List all Domain Local Distribution Groups in OU (for example OU=IT, Domain=Contoso.com)



```
AdFind -b "OU=IT,DC=Contoso,DC=com" -s subtree -f "(&(objectcategory=group)(sAMAccountType=536870913))" 1.1
```

Find all Computer objects in domain and displays cn & createTimeStamp

```
AdFind -b dc=Contoso,dc=com -f "objectcategory=computer" cn createTimeStamp
```

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
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