



# Dsadd

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## Dsadd

Adds specific types of objects to the directory. The **dsadd** commands include:

### Related Links

- [Directory service command-line tools](#)
- [Command-line reference A-Z](#)
- [Command shell overview](#)
- [Strong passwords](#)

- [dsadd computer](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_1]
- [dsadd contact](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_2]
- [dsadd group](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_3]
- [dsadd ou](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_4]
- [dsadd user](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_5]
- [dsadd quota](#) [http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.msp#BKMK\_6]

## dsadd computer

Adds a single computer to the directory.

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## Syntax

**dsadd computer** *ComputerDN* [-**samid** *SAMName*] [-**desc** *Description*] [-**loc** *Location*] [-**memberof** *GroupDN* ...] [{-**s** *Server* | -**d** *Domain*}] [-**u** *UserName*] [-**p** {*Password* | \*}] [-**q**] [{-**uc** | -**uco** | -**uci**}]

## Parameters

### *ComputerDN*

Required. Specifies the distinguished name of the computer you want to add. If the distinguished name is omitted, it will be taken from standard input (stdin).

### **-samid** *SAMName*

Specifies to use the SAM name as the unique SAM account name for this computer (for example, TESTPC2\$). If this parameter is not specified, then a SAM account name is derived from the value of the common name attribute used in *ComputerDN*.

### **-desc** *Description*

Specifies the description of the computer you want to add.

**-loc *Location***

Specifies the location of the computer you want to add.

**-memberof *GroupDN ...***

Specifies the groups in which you want the computer as a member.

**{-s *Server* | -d *Domain*}**

Connects the computer to either a specified server or domain. By default, the computer is connected to the domain controller in the logon domain.

**-u *UserName***

Specifies the user name with which the user logs on to a remote server. By default, **-u** uses the user name with which the user logged on. You can use any of the following formats to specify a user name: user name (for example, Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

**-p { *Password* | \* }**

Specifies to use either a password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

**-q**

Suppresses all output to standard output (quiet mode).

**{-uc | -uco | -uci}**

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format.

Value	Description
<b>-uc</b>	Specifies a Unicode format for input from or output to a pipe ( ).
<b>-uco</b>	Specifies a Unicode format for output to a pipe ( ) or a file.
<b>-uci</b>	Specifies a Unicode format for input from a pipe ( ) or a file.

**/?**

Displays help at the command prompt.

## Remarks

- If you do not supply a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use the end-of-file character (CTRL+Z).
- If a value that you supply contains spaces, use quotation marks around the text (for example, "CN=DC 2,OU=Domain Controllers,DC=Microsoft,DC=Com").
- If you supply multiple values for a parameter, use spaces to separate the values (for example, a list of distinguished names).

## dsadd contact

Adds a single contact to the directory.

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## Syntax

**dsadd contact** *ContactDN* [-fn *FirstName*] [-mi *Initial*] [-ln *LastName*] [-display *DisplayName*] [-desc *Description*] [-office *Office*] [-tel *PhoneNumber*] [-email *Email*] [-hometel *HomePhoneNumber*] [-pager *PagerNumber*] [-mobile *CellPhoneNumber*] [-fax *FaxNumber*] [-iptel *IPPhoneNumber*] [-title *Title*] [-dept *Department*] [-company *Company*] [{-s *Server* | -d *Domain*}] [-u *UserName*] [-p { *Password* | \* }] [-q] [{-uc | -uco | -uci}]

## Parameters

***ContactDN***

Required. Specifies the distinguished name of the contact you want to add. If the distinguished name is omitted, it will be taken from standard input (stdin).

***-fn FirstName***

Specifies the first name of the contact you want to add.

***-mi Initial***

Specifies the middle initial of the contact you want to add.

***-ln LastName***

Specifies the last name of the contact you want to add.

***-display DisplayName***

Specifies the display name of the contact you want to add.

***-desc Description***

Specifies the description of the contact you want to add.

***-office Office***

Specifies the office location of the contact you want to add.

***-tel PhoneNumber***

Specifies the telephone number of the contact you want to add.

***-email Email***

Specifies the e-mail address of the contact you want to add.

***-hometel HomePhoneNumber***

Specifies the home telephone number of the contact you want to add.

***-pager PagerNumber***

Specifies the pager number of the contact you want to add.

***-mobile CellPhoneNumber***

Specifies the mobile phone number of the contact you want to add.

***-fax FaxNumber***

Specifies the fax number of the contact you want to add.

***-iptel IPPhoneNumber***

Specifies the IP phone number of the contact you want to add.

***-title Title***

Specifies the title of the contact you want to add.

***-dept Department***

Specifies the department of the contact you want to add.

***-company Company***

Specifies the company information for the contact you want to add.

***{ -s Server | -d Domain }***

Connects to a specified remote server or domain. By default, the computer is connected to the domain controller in the logon domain.

***-u UserName***

Specifies the user name with which the user logs on to a remote server. By default, the logged on user name is used. You can specify a user name using one of the following formats: user name (for example,

Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

**-p { *Password* | \* }**

Specifies to use either a password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

**-q**

Suppresses all output to standard output (quiet mode).

**{ -uc | -uco | -uci }**

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format.

Value	Description
<b>-uc</b>	Specifies a Unicode format for input from or output to a pipe ( ).
<b>-uco</b>	Specifies a Unicode format for output to a pipe ( ) or a file.
<b>-uci</b>	Specifies a Unicode format for input from a pipe ( ) or a file.

**/?**

Displays help at the command prompt.

## Remarks

- If you do not supply a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use the end-of-file character (CTRL+Z).
- If the value that you supply contains spaces, use quotation marks around the text (for example, "CN=Mike Danseglio,CN=Users,DC=Microsoft,DC=Com").
- This command only supports a subset of commonly used object class attributes.

## dsadd group

Adds a single group to the directory.

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## Syntax

**dsadd group** *GroupDN* [-secgrp {**yes** | **no**}] [-scope {**l** | **g** | **u**}] [-samid *SAMName*] [-desc *Description*] [-memberof *Group ...*] [-members *Member ...*] [{**-s** *Server* | **-d** *Domain*}] [**-u** *UserName*] [**-p** {*Password* | \*}] [-q] [{**-uc** | **-uco** | **-uci**}]

## Parameters

### *GroupDN*

Required. Specifies the distinguished name of the group you want to add. If the distinguished name is omitted, it will be taken from standard input (stdin).

**-secgrp {yes | no}**

Specifies whether the group you want to add is a security group (**yes**) or a distribution group (**no**). By default, the group is added as a security group (**yes**).

**-scope {l | g | u}**

Specifies whether the scope of the group you want to add is domain local (**l**), global (**g**), or universal (**u**). If the domain is in mixed-mode, then the universal scope is not supported. By default, the scope of the group is set to global.

**-samid *SAMName***

Specifies to use the SAM name as the unique SAM account name for this group (for example, operators). If this parameter is not specified, it is generated from the relative distinguished name.

**-desc *Description***

Specifies the description of the group you want to add.

**-memberof *Group ...***

Specifies the groups to which this new group should be added.

**-members *Member ...***

Specifies the members to add to the new group.

**{-s *Server* | -d *Domain*}**

Connects to a specified remote server or domain. By default, the computer is connected to the domain controller in the logon domain.

**-u *UserName***

Specifies the user name with which the user logs on to a remote server. By default, **-u** uses the user name with which the user logged on. You can use any of the following formats to specify a user name: user name (for example, Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

**-p {*Password* | \*}**

Specifies to use either a password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

**-q**

Suppresses all output to standard output (quiet mode).

**{-uc | -uco | -uci}**

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format. ValueDescription**-uc** Specifies a Unicode format for input from or output to a pipe (|).**-uco** Specifies a Unicode format for output to a pipe (|) or a file. **-uci** Specifies a Unicode format for input from a pipe (|) or a file.

**/?**

Displays help at the command prompt.

## Remarks

- If you do not supply a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use the end-of-file character (CTRL+Z).
- If a value that you supply contains spaces, use quotation marks around the text (for example, "CN=Mike Danseglio,CN=Users,DC=Microsoft,DC=Com").
- If you supply multiple values for a parameter, use spaces to separate the values (for example, a list of distinguished names).
- This command only supports a subset of commonly used object class attributes.

## dsadd ou

Adds a single organizational unit to the directory.

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## Syntax

**dsadd ou** *OrganizationalUnitDN* [-**desc** *Description*] [{**-s** *Server* | **-d** *Domain*}] [**-u** *UserName*] [**-p** {*Password* | \*}] [**-q**] [{**-uc** | **-uco** | **-uci**}]

## Parameters

### ***OrganizationalUnitDN***

Required. Specifies the distinguished name of the organizational unit you want to add. If the distinguished name is omitted, it will be taken from standard input (stdin).

### **-desc** *Description*

Specifies the description of the organizational unit you want to add.

### {**-s** *Server* | **-d** *Domain*}

Connects to a specified remote server or domain. By default, the computer is connected to the domain controller in the logon domain.

### **-u** *UserName*

Specifies the user name with which the user logs on to a remote server. By default, the logged on user name is used. You can specify a user name using one of the following formats: user name (for example, Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

### **-p** {*Password* | \*}

Specifies to use either a password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

### **-q**

Suppresses all output to standard output (quiet mode).

### {**-uc** | **-uco** | **-uci**}

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format. ValueDescription**-uc** Specifies a Unicode format for input from or output to a pipe (|).**-uco** Specifies a Unicode format for output to a pipe (|) or a file.**-uci** Specifies a Unicode format for input from a pipe (|) or a file.

### **/?**

Displays help at the command prompt.

## Remarks

- If you do not supply a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use the end-of-file character (CTRL+Z).
- If a value that you supply contains spaces, use quotation marks around the text (for example, "OU=Domain Controllers,DC=Microsoft,DC=Com").
- This command only supports a subset of commonly used object class attributes.

### **dsadd user**

Adds a single user to the directory.

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## Syntax

**dsadd user** *UserDN* [-samid *SAMName*] [-upn *UPN*] [-fn *FirstName*] [-mi *Initial*] [-ln *LastName*] [-display *DisplayName*] [-empid *EmployeeID*] [-pwd {*Password* | \*}] [-desc *Description*] [-memberof *Group ...*] [-office *Office*] [-tel *PhoneNumber*] [-email *Email*] [-hometel *HomePhoneNumber*] [-pager *PagerNumber*] [-mobile *CellPhoneNumber*] [-fax *FaxNumber*] [-iptel *IPPhoneNumber*] [-webpg *WebPage*] [-title *Title*] [-dept *Department*] [-company *Company*] [-mgr *Manager*] [-hmdir *HomeDirectory*] [-hmdrv *DriveLetter:*] [-profile *ProfilePath*] [-loscr *ScriptPath*] [-mustchpwd {yes | no}] [-canchpwd {yes | no}] [-reversiblepwd {yes | no}] [-pwdneverexpires {yes | no}] [-acctexpires *NumberOfDays*] [-disabled {yes | no}] [{-s *Server* | -d *Domain*}] [-u *UserName*] [-p {*Password* | \*}] [-q] [{-uc | -uco | -uci}]

## Parameters

### ***UserDN***

Required. Specifies the distinguished name of the user you want to add. If the distinguished name is omitted, it will be taken from standard input (stdin).

### **-samid *SAMName***

Specifies the SAM name as the unique SAM account name for this user (for example, Linda). If not specified, dsadd will attempt to create SAM account name using up to the first 20 characters from the common name (CN) value of *UserDN*.

### **-upn *UPN***

Specifies the user principal name of the user you want to add, (for example, Linda@widgets.microsoft.com).

### **-fn *FirstName***

Specifies the first name of the user you want to add.

### **-mi *Initial***

Specifies the middle initial of the user you want to add.

### **-ln *LastName***

Specifies the last name of the user you want to add.

### **-display *DisplayName***

Specifies the display name of the user you want to add.

### **-empid *EmployeeID***

Specifies the employee ID of the user you want to add.

### **-pwd {*Password* | \*}**

Specifies the password for the user to be set to *Password* or \*. If set to \*, you are prompted for a user password.

### **-desc *Description***

Specifies the description of the user you want to add.

### **-memberof *GroupDN ...***

Specifies the distinguished names of the groups in which you want the user to be a member.

### **-office *Office***

Specifies the office location of the user you want to add.

### **-tel *PhoneNumber***

Specifies the telephone number of the user you want to add.

### **-email *Email***

Specifies the e-mail address of the user you want to add.

**-hometel *HomePhoneNumber***

Specifies the home telephone number of the user you want to add.

**-pager *PagerNumber***

Specifies the pager number of the user you want to add.

**-mobile *CellPhoneNumber***

Specifies the cell phone number of the user you want to add.

**-fax *FaxNumber***

Specifies the fax number of the user you want to add.

**-iptel *IPPhoneNumber***

Specifies the IP phone number of the user you want to add.

**-webpg *WebPage***

Specifies the Web page URL of the user you want to add.

**-title *Title***

Specifies the title of the user you want to add.

**-dept *Department***

Specifies the department of the user you want to add.

**-company *Company***

Specifies the company information of the user you want to add.

**-mgr *ManagerDN***

Specifies the distinguished name of the manager of the user you want to add.

**-hmdir *HomeDirectory***

Specifies the home directory location of the user you want to add. If *HomeDirectory* is given as a Universal Naming Convention (UNC) path, then you must specify a drive letter to be mapped to this path using the **-hmdrv** parameter.

**-hmdrv *DriveLetter* :**

Specifies the home directory drive letter (for example, E:) of the user you want to add..

**-profile *ProfilePath***

Specifies the profile path of the user you want to add.

**-loscr *ScriptPath***

Specifies the logon script path of the user you want to add.

**-mustchpwd {yes | no}**

Specifies if users must change their passwords at the time of next logon (**yes**) or not (**no**). By default, the user does not need to change the password (**no**).

**-canchpwd {yes | no}**

Specifies if users can change their passwords at all (**yes**) or not (**no**). By default, the user is allowed to change the password (**yes**). The value of this parameter must be **yes** if the value of the **-mustchpwd** parameter is **yes**.

**-reversiblepwd {yes | no}**

Specifies if the user password should be stored using reversible encryption (**yes**) or not (**no**). By default, the user cannot use reversible encryption (**no**).

**-pwdneverexpires {yes | no}**

Specifies if the user password never expires (**yes**) or not (**no**). By default, the user password does expire (**no**).

**-acctexpires *NumberOfDays***



Specifies the number of days from today that the user account will expire. A value of 0 sets expiration at the end of today. A positive value sets expiration in the future. A negative value sets expiration in the past. The value **never** sets the account to never expire. For example, a value of **0** implies that the account expires at the end of today. A value of **-5** implies that the account has already expired 5 days ago and sets an expiration date in the past. A value of **5** sets the account expiration date for 5 days in the future.

#### **-disabled {yes | no}**

Specifies if the user account is disabled for log on (**yes**) or enabled (**no**). For example, the command **dsadd user CN=Nicolettep,CN=Users,DC=Widgets,DC=Microsoft,DC=Com -pwd Password1 -disabled no** creates a Nicolettep user account in an enabled state. By default, the user account is disabled for log on (**yes**). For example, the command **dsadd user CN=Nathanp,CN=Users,DC=Widgets,DC=Microsoft,DC=Com** creates a Nathanp user account in a disabled state.

#### **{-s Server | -d Domain}**

Connects to a specified remote server or domain. By default, the computer is connected to the domain controller in the logon domain.

#### **-u UserName**

Specifies the user name with which the user logs on to a remote server. By default, **-u** uses the user name with which the user logged on. You can use any of the following formats to specify a user name: user name (for example, Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

#### **-p {Password | \*}**

Specifies to use either a password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

#### **-q**

Suppresses all output to standard output (quiet mode).

#### **{-uc | -uco | -uci}**

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format. ValueDescription**-uc** Specifies a Unicode format for input from or output to a pipe (|).**-uco** Specifies a Unicode format for output to a pipe (|) or a file. **-uci** Specifies a Unicode format for input from a pipe (|) or a file.

#### **/?**

Displays help at the command prompt.

## Remarks

- If you do not supply a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use the end-of-file character (CTRL+Z).
- If a value that you supply contains spaces, use quotation marks around the text (for example, "CN=Mike Danseglio,CN=Users,DC=Microsoft,DC=Com").
- If you supply multiple values for a parameter, use spaces to separate the values (for example, a list of distinguished names).
- The special token \$username\$ (case insensitive) may replace the SAM account name in the value of the **-email**, **-hmdir**, **-profile**, and **-webpg** parameters. For example, if a SAM account name is "Denise," the **-hmdir** parameter can be written in either of the following formats:

**-hmdir\users\Denise\home**

**-hmdir\users\\$username\$\home**

- Using strong passwords on all user accounts can help minimize security risks. For more information about strong passwords, see Related Topics.

## dsadd quota

Adds a quota specification to a directory partition. A quota specification determines the maximum number of directory objects a given security principal can own in a specified directory partition.

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## Syntax

**dsadd quota** **-part** *PartitionDN* [**-rdn** *RelativeDistinguishedName*] **-acct** *Name* **-qlimit** *Value* [**-desc** *Description*] [{**-s** *Server* | **-d** *Domain*}] [**-u** *UserName*][**-p** { *Password* | \*}] [**-q**] [{**-uc** | **-uco** | **-uci**}]

## Parameters

### **-part** *PartitionDN*

Required. Specifies the distinguished name of the directory partition on which you want to create a quota. If you do not specify the distinguished name, it is taken from standard input (stdin).

### **-rdn** *RelativeDistinguishedName*

Specifies the relative distinguished name of the quota specification being created. If you do not specify **-rdn**, it is set to *Domain\_AccountName*, using the domain and account name of the security principal specified by the **-acct** parameter.

### **-acct** *Name*

Required. Specifies the security principal (user, group, computer, or InetOrgPerson) to whom the quota specification applies. You can use any of the following forms for *Name*: Distinguished name (also known as DN) of the security principal *Domain\SAMAccountName* of the security principal

### **-qlimit** *Value*

Required. Specifies the number of objects within the directory partition that can be owned by the security principal. To specify an unlimited quota, use **-1**.

### **-desc** *Description*

Specifies a description for the quota specification that you want to add.

### {**-s** *Server* | **-d** *Domain*}

Connects the computer to either a specified server or domain. By default, the computer is connected to a domain controller in the logon domain.

### **-u** *UserName*

Specifies the user name with which user will log on to a remote server. By default, **-u** uses the user name with which the user logged on. You can use any of the following formats to specify a user name: user name (for example, Linda)domain\user name (for example, widgets\Linda)user principal name (UPN) (for example, Linda@widgets.microsoft.com)

### **-p** { *Password* | \* }

Specifies use of a specific password or a \* to log on to a remote server. If you type \*, you are prompted for a password.

### **-q**

Suppresses all output to standard output (quiet mode).

### {**-uc** | **-uco** | **-uci**}

Specifies that output or input data is formatted in Unicode. The following table lists and describes each format. ValueDescription**-uc** Specifies a Unicode format for input from or output to a pipe (|).**-uco** Specifies a Unicode format for output to a pipe (|) or a file. **-uci** Specifies a Unicode format for input from a pipe (|) or a file.

/?

Displays help at the command prompt.

## Remarks

- If you do not specify a target object at the command prompt, the target object is obtained from standard input (stdin). Stdin data can be accepted from the keyboard, a redirected file, or as piped output from another command. To mark the end of stdin data from the keyboard or in a redirected file, use CTRL+Z for End of File (EOF).
- If a value that you use contains spaces, use quotation marks around the text (for example, "CN=DC 2,OU=Domain Controllers,DC=Microsoft,DC=Com").

## Formatting legend

Format	Meaning
<i>Italic</i>	Information that the user must supply
<b>Bold</b>	Elements that the user must type exactly as shown
Ellipsis (...)	Parameter that can be repeated several times in a command line
Between brackets ([ ])	Optional items
Between braces ( { } ); choices separated by pipe (   ). Example: { even   odd }	Set of choices from which the user must choose only one
<b>Courier font</b>	Code or program output

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