

# Windows Resource Kit Quick Reference

Author: Jialong He  
Email: Jialong\_he@bigfoot.com  
http://www.bigfoot.com/~jialong\_he

## Console User Manager

**Cusrmgr -u** *UserName* [-**m** *\ComputerName*] [{-**r** *NewUserName* | -**d** *NewUserName*}] [{-**p** | -**P** *Passwd*}] [-**rlg** *OldGroupName* *NewGroupName*] [-**rgg** *OldGroupName* *NewGroupName*] [-**alg** *LocalGroupName*] [-**agg** *GlobalGroupName*] [-**dlg** *LocalGroupName*] [-**dgg** *GlobalGroupName*] [-**c** *Comment*] [-**f** *FullName*] [-**U** *UserProfile*] [-**n** *LogonScript*] [-**h** *HomeDir*] [-**H** *HomeDirDrive*] [{+**s** | -**s**} *Property*]

-**u** *UserName* user account to perform the operation on  
-**m** *\ComputerName* Computer name  
-**r** *NewUserName* Rename the user specified with -u  
-**d** *NewUserName* Delete *NewUserName*  
-**P** *Passwd* Set password to *Passwd*  
-**rlg** *OldGroupName* *NewGroupName* Rename local group  
-**rgg** *OldGroupName* *NewGroupName* Rename global group  
-**alg** *LocalGroupName* adds user to local group  
-**agg** *GlobalGroupName* adds user to global group  
-**dlg** *LocalGroupName* deletes user from local group  
-**dgg** *GlobalGroupName* deletes user from global group  
-**c** *Comment* comment to the user given with -u  
-**f** *FullName* Full name  
-**U** *UserProfile* Path to user profile  
-**n** *LogonScript* Path to user's logon script  
-**h** *HomeDir* User's home directory  
-**H** *HomeDirDrive* User's home drive  
{+**s** | -**s**} *Property* MustChangePassword  
CanNotChangePassword  
PasswordNeverExpires  
AccountDisabled  
AccountLockout  
RASUser

## Add a list of users to a computer

**addusers** [*\computername*] { **/c** [**/p**:{**l** | **c** | **e** | **d**}] | **/d** | **/e** } *filename* [*/s:x*] [**/?**]

**/c** Create user accounts  
**/d** Dump user accounts  
**/e** Delete user accounts  
**/p**:{**l**|**c**|**e**|**d**}  
**l** users do not have to change passwords at next logon.  
**c** users cannot change passwords.  
**e** passwords never expire (implies **l** option).  
**d** accounts are disabled

Filename contains a list of users, an example is:

[User]

User1,FullName,Password,Comment,HomeDir,Profile,Script  
User2,FullName,Password,Comment,HomeDir,Profile,Script  
[Global]  
GlobalGroupName,Comment,User1, User2  
[Local]  
LocalGroupName,Comment,User1, User2

## Add a list of users to a group

**usrtrgrp** *filename*

*filename* contains the users to be added. For example,

```
domain: localmachine
globalgroup: Administrators
user1
user2
```

Note, add a single user to a local group, use NET command, Net localgroup Administrators user1 /add

## Commonly Used Commands

**pslist** [*\ComputerName*]  
**whoami** [*options*]  
**getmac** [*\computername*] [*computername.domain.com*]  
**uptime** [*server*] [**/s**] [**/a**] [{*/d:mm/dd/yyyy* | */p:n*}] [**/heartbeat**] [{**/?** | **/help**}]  
**associate** *.ext ExeFname* [**/q**] [**/d**] [**/f**] [**/?**]  
associate .lst notepad.exe  
List installed services  
**sclist** [**/?**] [**/r**] [**-s**] [*\ComputerName*]  
**perms** [*domain\computer\username*] [*filename*] [**/i**] [**/s**] [**/?**]  
**instsrv** *ServiceName* [*PathToExecutable*] [-**a** *AccountName*] [-**p** *AccountPassword*] [*ServiceName* *instsrv MyService "srvany.exe"*] [**net start MyService** *Remove*]

## Service Operations

**Netsvc** *servicename* *\computername /cmd* [**/?** | **/help**]

Example: *netsh /list \joes486*

**List** lists installed services  
**Query** queries the status of a service  
**Start** starts the specified service  
**Stop** stops the specified service  
**Pause** pauses the specified service  
**Continue** restarts a paused service

## Services Control

**sc** [*\MachineName*] **Command** *ServiceName* [*OptionName=OptionValue...*]

**Config** Changes the configuration of a service (persistent).  
**Continue** Sends a CONTINUE control request to a service.  
**Control** Sends a control to a service.  
**Create** Creates a service (adds it to the registry).  
**Delete** Deletes a service (from the registry).  
**Description** Changes the description of a service.  
**EnumDepend** Enumerates service dependencies.  
**Failure** Changes the actions taken by a service upon failure.  
**GetDisplayName** Gets the display name for a service.  
**GetKeyName** Gets the name of the registry key for a service.  
**Interrogate** Sends an INTERROGATE control request to a service.  
**Pause** Sends a PAUSE control request to a service.  
**Qc** Queries configuration for the service. To find out the name of the binary for any service and whether it shares a process with other services, run **sc qc** *ServiceName*.  
**Qdescription** Queries the description of a service.  
**Qfailure** Queries the actions taken by a service upon failure.  
**Query** Queries the status for a service, or enumerates the status for types of services.  
**QueryEx** Queries the status and extended information for a service, or enumerates the status and extended information for types of services.  
**SdShow** Displays a service's security descriptor using SDDL.  
**SdSet** Sets a service's security descriptor using SDDL.  
**Start** Starts a service.  
**Stop** Sends a STOP request to a service.  
**Boot** Values are {**ok** | **bad**} Indicates whether the last restart should be saved as the last-known-good restart configuration  
**Lock** Locks the Service Database  
**QueryLock** Queries the LockStatus for the SCManager Database

## Registry Console Tool

**REG ADD** [*\ComputerName*] *Keyname* [**/v** *ValueName* | **/ve**] [**/t** *Type*] [**/s** *Separator*] [**/d** *Data*] [**/f**]  
**REG COMPARE** [*\MachineName*] *Keyname1* [*\MachineName*] *Keyname2* [**/v** *ValueName*] | **/ve**] [**/s**] [**/Output**]  
**REG COPY** [*\MachineName*] *SourceKey* [*\MachineName*] *DestinationKey* [**/s**] [**/f**]  
**REG DELETE** [*\MachineName*] *Keyname* [**/v** *ValueName* | **/ve** | **/va**] [**/f**]  
**REG QUERY** [*\MachineName*] *KeyName* [**/v** *ValueName* | **/ve**] [**/s**]  
**REG EXPORT** *Keyname* *Filename* [**/nt4**]  
**REG IMPORT** *Filename*  
**REG SAVE** [*\MachineName*] *KeyName* *Filename*  
**REG RESTORE** [*\MachineName*] *KeyName* *Filename*

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**REG LOAD** [\Machine\] KeyName FileName  
**REG UNLOAD** [\Machine\]KeyName

Root key name Abbreviation  
HKEY\_LOCAL\_MACHINE HKLM  
HKEY\_CURRENT\_USER HKCU  
HKEY\_CLASSES\_ROOT HKCR  
HKEY\_CURRENT\_CONFIGURATION HKCC

When use REG ADD, /t type include

REG\_BINARY  
REG\_DWORD  
REG\_DWORD\_LITTLE\_ENDIAN  
REG\_DWORD\_BIG\_ENDIAN  
REG\_EXPAND\_SZ  
REG\_MULTI\_SZ  
REG\_NONE  
REG\_SZ

Example

**REG ADD** HKLM\Software\MyCo\ \v Data /t  
REG\_BINARY /d fe340ead  
Adds a value (name: Data, type: REG\_BINARY, data:  
fe340ead).

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### Registry Script Tool

**Regini** ScriptFile

ScriptFile contains registry settings, e.g.

```
\registry\user\software\microsoft\exchange\client\options  
DictionaryLangId = REG_SZ 1033  
PickLogonProfile = REG_SZ 0
```

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### Find a Registry Key

**regfind** [{-m \ComputerName} | -h HiveFile HiveRoot | -w  
Win95Directory] [-i n] [-o OutputWidth] [-p RegistryKeyPath] [{-  
z | -t DataType}] [{-b | -B}] [-y] [-n] [SearchString [-r  
ReplacementString]]

**Example:** regfind -p "HKEY\_CURRENT\_USER\Control Panel" -t  
REG\_DWORD

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### Backup a Registry

**regback** [destination\_dir] [filename hivetype hivename]

**Example:** regback c:\backup

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### Shutdown (reboot) computer

**Shutdown** [\computername] [/l] [/a] [/r] [/t:xx] ["msg"] [/y] [/c]

/L Specifies a local shutdown.  
/A Quits a system shutdown.  
/R Restart the computer.  
/T:xx Sets the timer for system shutdown in xx seconds.  
"msg" Specifies an additional message.  
/y Answers questions with "yes".  
/C Forces running applications to close.

**Example:** shutdown \YourPC /R

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### Log events

**logevent** [-m \ComputerName] [-s Severity] [-c  
CategoryNumber] [-r Source] [-e EventID] [-t TimeOut] "Event  
Text"

Severity  
{S|I|W|E|F} = {Success, Information, Warning, Error, Failure}

Example:

```
logevent -m \server -s E -c 3 -r "User Event" -e 42  
"My message."
```

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### Dump events

**dumpel-f** filename [-s \server] [-l log [-m source]] [-e n1 n2  
n3...] [-r] [-t] [-d x]

-f file Output file  
-s \server computer name  
-l {system|application|security}  
-d x dumps events for the past x days.

Examples

```
dumpel -f event.out -s eventsvr -l system
```

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### Directory Usage

**diruse** [/s | /v] {/m | /k | /b} [/c] [/.] [/q:#] [/l] [/a] [/d] [/o] [/\*] dirs

/s includes subfolders  
/m|k|b displays disk usage in MB, KB, or Byte.  
/d displays only folders that exceed specified sizes.  
/\* uses the top-level folders residing in the specified dirs.

Example:

```
diruse /s /k /* c:\users
```

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### Substitute User

**Su** username ["cmdline"] [domain] [[winstation\]desktop] [options]  
[{-b | -i | -n | -s}]

username user name for the new process  
"cmdline" command line to execute as user, default cmd  
does not create a new console. If the new process  
is a console process, it inherits the console of the  
caller  
-dn does not switch to a new desktop  
-e disables environment preparation  
-g Forces GUI option prompting with supplied  
command-line arguments  
-l disables loading of the user registry hive. Default is  
used instead  
-v displays verbose output to STDOUT  
-w Do not wait on child  
-b The target user must possess the  
SeBatchLogonRight logon type (batch)  
-i The target user must possess the  
SeInteractiveLogonRight logon type (the default  
logon type for SU) (Interactive)  
-n The target user must possess the  
SeNetworkLogonRight logon type (Network).  
-s The target user must possess the  
SeServiceLogonRight logon type (Service).

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### Send HTTP command

**httpcmd** httpsver input.file [-k] [-u:username:password] [-  
a:AuthenticationScheme] [-e] [-t] [-h]

-k Keep-connection  
-a:AuthenticationScheme can be "Basic", "NTLM", or "MS-  
KERBEROS".  
-e echo sends requests to STDOUT.  
-t do HEX-HTTP for filter testing.

Example in input file

```
GET index.html HTTP/1.0
```

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### Sysdiff

**Sysdiff** /snap snap\_shot.img

Take a snapshot of current status of system, then install  
software and configure system.

**Sysdiff** /diff snap\_shot.img sys\_diff.img

Create a difference file. sysdiff.inf is very important, must  
exclude folders in-use (locked).

**Sysdiff** /apply /m /q sys\_diff.img

Apply the sys\_diff.img to an new system.

**Sysdiff** /dump sys\_diff.img dump.txt

Dump the difference in human readable format.