

Backup Exec Command Line Applet version 12.0.1364.
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Usage: BEMCMD [-o<#>] [-<flag><value>]

Quotations around <value> are required if <value> contains a space or a colon.
 Sub-switches marked with '*' are required.

-v Verbose Output.
 -? or -?<#> Help for specific operations.
 -c<computer> Remote computer name. (Uses local computer if not specified).
 -n<user> User name credential for logging into remote computer.
 -p<password> User password credential for logging into remote computer.
 -l<filename> Name of a file to create and write all output to.
 -la:<filename> Name of a file to append all output to.
 -t<Server OS> The type of OS the server is running on.
 "NT" for Windows NT or "NW" for netware (Default is NT).
 --category Display a list of numbers that can be used as help categories
 --deprecation List deprecated commands.

Operation	Op#	Sub-switches
Run backup job	-o1	* -j<job name> or -i<job id> -pr:<priority> -w
Create backup job	-o2	* -s<file list> or -sf:<filename> or -sl:<selection list name> -e<exclude list> or -ef:<filename> -j<job name> -d<device name> or -sd:<device name> -m<media set> -pr:<priority> -mp:<media protection level> -w -r -sn:<preferred server name> or -pn:<media server pool name> -rl:<logon id list> or -rf:<filename>
Backup server drive	-o3	-j<job name> -d<drive letter> -r -pr:<priority> -w -sn:<preferred server name> or -pn:<media server pool name>
Backup Exchange server	-o4	-j<job name> -r -pr:<priority> -w -sn:<preferred server name> or -pn:<media server pool name>
Backup SQL server	-o5	-j<job name> -r

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| | -pr:<priority>
| | -lo:<database mode>
| | -db:<database name>
| | -w
| | -sn:<preferred server name> or -pn:<media server pool name>
-----
Backup Exchange 2000 | -o6 | * -sg:<storage group>
server | | -j<job name>
| | -pr:<priority>
| | -r
| | -w
| | -sn:<preferred server name> or -pn:<media server pool name>
-----
Run restore job | -o7 | * -j<job name> or -i<job id>
| | -pr:<priority>
| | -w
-----
Backup SQL 2000 server | -o8 | -j<job name>
| | -r
| | -w
| | -ni:<named instance>
| | -lo:<database mode>
| | -db:<database name>
| | -pr:<priority>
| | -sn:<preferred server name> or -pn:<media server pool name>
-----
Backup Microsoft | -o9 | -j<job name>
SharePoint Portal Server | | -r
2001 | | -w
| | -pr:<priority>
| | -sn:<preferred server name> or -pn:<media server pool name>
-----
Get job state | -o15 | * -j<job name> or -i<job id>
-----
Dump job status for | -o16 | * -j<job name> or -i<job id>
scheduled or active jobs | |
-----
Backup Lotus Notes server | -o17 | * -d<drive name>
| | -j<job name>
| | -tl:<path>
| | -pr:<priority>
| | -r
| | -w
| | -sn:<preferred server name> or -pn:<media server pool name>
-----
Create alias backup job | -o19 | * -s<file list> or -sf:<filename>
| | * -a<alias list> (required if -s used)
| | -j<job name>
| | -m<media set>
| | -d<device name> or -sd:<device name>
| | -g
| | -pr:<priority>
| | -mp:<media protection level>

```

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|          | -w
|          | -sn:<preferred server name> or -pn:<media server pool name>
-----
Cancel job          | -o20 | * -j<job name> or i<job id>
-----
Dump completed job status | -o21 | * -j<job name> or -i<job id> or -hi:<job history id>
|          | -ne:<no early than date>
|          | -nl:<no later than date>
|          | -e
-----
Get number of jobs on hold | -o22 | -i
|          | -j
-----
Query jobs          | -o23 | -s<job state>
|          | -q<job type>
|          | -i
|          | -j
|          | -js:
|          | -jt:
-----
Backup Microsoft SharePoint Portal Server 2003 | -o24 | * -wb:<web server name> or -fm:<farm name>
|          | -cf:
|          | -ss:
|          | -ds:
|          | -ps:<portal site names>
|          | -ws:<windows SharePoint services site names>
|          | -dl:<document library names>
|          | -j<job name>
|          | -pr:<priority>
|          | -d<device name>
|          | -r
|          | -w
|          | -e
|          | -sn:<server name> or -pn:<pool name>
-----
Manage Microsoft SharePoint Server Farms | -o25 | * -wb:<web server name>
|          | -fm:<farm name>
|          | -a
|          | -d
|          | -r
|          | -nf:<new farm name>
|          | -e<enable/disable>
-----
List Microsoft SharePoint Server Farms | -o26 | -fm:<farm name>
|          | -wb:
|          | -cf:
|          | -ss:
|          | -ds:
|          | -ps:<portal site name> (require -fm)
|          | -ws:<windows SharePoint services site name> (require -fm)
|          | -dl:
-----
Restore Microsoft | -o27 | * -fm:<farm name>

```

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SharePoint Portal Server |      | -cf:
2003                    |      | -ss:
                        |      | -ds:
                        |      | -ps:<portal site names>
                        |      | -ws:<windows SharePoint services site names>
                        |      | -dl:<document library names>
                        |      | -ne:<no early than date>
                        |      | -nl:<no later than date>
                        |      | -j<job name>
                        |      | -pr:<priority>
                        |      | -w

```

```

-----
Backup Oracle Database | -o28 | * -svr:<server name>
via RMAN              |      | * -sid:<oracle SID>
                        |      | -act:<login account name>
                        |      | -tb:<tablespaces>
                        |      | -a
                        |      | -d<device name>
                        |      | -j<job name>
                        |      | -pr:<priority>
                        |      | -w
                        |      | -sn:<server name> or -pn:<pool name>

```

```

-----
Restore Oracle Database | -o29 | * -svr:<server name>
via RMAN              |      | * -sid:<oracle SID>
                        |      | -act:<login account name>
                        |      | -tb:<tablespaces>
                        |      | -ne:<no early than date>
                        |      | -nl:<no later than date>
                        |      | -j<job name>
                        |      | -pr:<priority>
                        |      | -w

```

```

-----
Dump the job log name of | -o30 | * -i<job id> or -j<job name>
a completed job         |      |

```

```

-----
Dump the job log contents | -o31 | * -f<log file name>
                        |      | -s<output style>

```

```

-----
Get Oracle instance     | -o32 | * -svr:<server name>
information             |      | * -sid:<oracle SID>
                        |      | -act:<login account name>
                        |      | -tb:
                        |      | -a

```

```

-----
Rename a job           | -o35 | * -i<job id> or -j<job name>
                        |      | * -jn:<new job name>

```

```

-----
Restore SQL 2000 Server | -o36 | * -db:<named instance+database name>
                        |      | -dt:<backup date>
                        |      | -j<job name>
                        |      | -pr:<priority>

```

```

Search catalog          | -o38 | -vn:<volume name>
                       |      | -mn:<media name>
                       |      | -ne:<no early than date>
                       |      | -nl:<no later than date>
                       |      | -fn:<file name>
                       |      | -pa:<path>
                       |      | -sn:<server name>
                       |      | -d
                       |      | -s

```

```

Create a restore job   | -o39 | * -pa:<path>
                       |      | -j<job name>
                       |      | -ne:<no early than date>
                       |      | -nl:<no later than date>
                       |      | -pr:<priority>
                       |      | -w

```

```

Get number of alerts   | -o40 | -j<source server name>
                       |      | -i
                       |      | -h
                       |      | -tl:
                       |      | -s
                       |      | -d

```

```

Dump alert text        | -o42 | * -i<alert id> or -a
                       |      | -w

```

```

Get number of information | -o43 | -j<source server name>
only alerts            |      | -i
                       |      | -tl:
                       |      | -s
                       |      | -d

```

```

Get number of critical | -o44 | -j<source server name>
alerts                 |      | -i
                       |      | -tl:
                       |      | -s
                       |      | -d

```

```

Clear all information  | -o45 |
alerts                 |      |

```

```

Respond to an alert    | -o46 | * -i<alert id> or -a
                       |      | * -r<response> or -w

```

```

Get number of warning  | -o47 | -j<source server name>
alerts                 |      | -i
                       |      | -tl:
                       |      | -s
                       |      | -d

```

```

Get number of error    | -o48 | -j<source server name>
alerts                 |      | -i

```

```

|         | -tl:
|         | -s
|         | -d
-----
Get alert categories | -o49 | -i
|         | -j
|         | -ac:
-----
Get alert category | -o50 | * -i<alert category id>
details           |         |
-----
Set alert configuration | -o51 | * -i<alert category id>
|         | -e or -d
|         | -s or -ns:
|         | -no: or -nn:
|         | -jl: or -nj:
|         | -rl: or -nr:
|         | -ac:<timeout> or -na:
|         | -ar:<response>
-----
Backup Microsoft Office | -o52 | * -fm:<farm name>
SharePoint Server 2007 |         | -wb:<webserver name>
|         | -wa:<web app>
|         | -sp:<shared service> or -ssp:<shared service>
|         | -cf:
|         | -ss:
|         | -ca:
|         | -si:
|         | -gs:
|         | -j<job name>
|         | -pr:<priority>
|         | -d<device name>
|         | -r
|         | -w
|         | -e
|         | -sn:<server name> or -pn:<pool name>
-----
List Microsoft Office | -o53 | * -fm:<farm name>
SharePoint Server 2007 |         | -wb:<webserver name>
Farms                 |         | -wa:<web app>
|         | -sp:<shared service> or -ssp:<shared service>
|         | -cf:
|         | -ss:
|         | -ca:
|         | -si:
|         | -gs:
-----
Restore Microsoft Office | -o54 | * -fm:<farm name>
SharePoint Server 2007 |         | -wa:<web app>
|         | -sp:<shared service> or -ssp:<shared service>
|         | -cf:
|         | -ss:
|         | -ca:

```

			-gs:
			-si:
			-pw:<0 1>
			-j<job name>
			-pr:<priority>
			-ne:<no early than date>
			-nl:<no later than date>
			-w

Is drive paused	-o62	*	-d<drive name> or -i<drive id>

Get number of drives	-o63		-i
			-j

Get number of available drives	-o64		-i
			-j

Get number of paused drives	-o65		-i
			-j

Get number of offline drives	-o66		-i
			-j

Dump drive properties	-o67	*	-i<drive id> or -d<drive name>

Query Devices	-o68		

Get number of media sets	-o69		-i
			-j

Dump media set properties	-o70	*	-i<media set id> or -j<media set name>

Dump media label properties	-o71	*	-i<media label id>
		*	-j<media label>

Set robotic library properties	-o78	*	-d<robotic library>
			-nd:<new robotic library name>
			-ps:<pause or resume drive>
			-e<enable or disable robotic library>
			-es:<enable or disable startup initialization>
			-eb:<enable or disable bar code rules>
			-er:<enable or disable removable storage>
			-sb:<slot base>

Set drive properties	-o79	*	-d<drive name>
			-nd:<new drive name>
			-ps:<pause or resume drive>
			-e<enable or disable drive>
			-m<enable or disable compression>
			-bk:<block size>
			-bf:<buffer size>
			-bc:<buffer count>

```

| | -hw:<high water count>
| | -rs:<Read single block mode>
| | -ws:<Write single block mode>
| | -rp:<Read SCSI pass-through mode>
| | -wp:<Write SCSI pass-through mode>
| | -r
| | -s
-----
Import drive slots | -o80 | * -a<robotic library>
| | -s<slot numbers>
| | -ai:
| | -f<schedule file>
| | -pr:<priority>
| | -w
-----
Export drive slots | -o81 | * -a<robotic library>
| | -s<slot numbers>
| | -x or -xc:<number of times> or/and -xi:
| | -f<schedule file>
| | -pr:<priority>
| | -w
-----
Set slot as a cleaning | -o82 | * -a<robotic library>
slot | | * -s<slot numbers>
-----
Reset slot to a non- | -o83 | * -a<robotic library>
cleaning slot | | * -s<slot numbers>
-----
Get number of robots | -o84 | -i
| | -j
-----
Dump robot properties | -o85 | * -i<robot id> or -d<robot name>
| |
-----
Dump slot content | -o86 | * -i<robot id> or -d<robot name>
| | -s<slot numbers>
-----
Dump robot partitions | -o87 | * -j<robot name>
| |
-----
Run a script job | -o90 | * -f<script file>
| | -w
-----
Manage encryption key | -o99 | * -k<key name>
| | * -pp:<passphrase>
| | -et:<encryption type (128 or 256-bit)>
| | -kt:<key type (common=1, restricted=0)>
| | -dk:
| | -d
| | -em:<encryption method>
-----
Create a cleaning job | -o100 | * -d<drive name>
| | -f<schedule file>

```


			-pr:<priority>
			-w

Create a media set	-o101	*	-m<media name>
			-op:<overwrite>
			-ap:<append>

Create a drive pool	-o102	*	-dp:<drive pool>
			-d<drives>

Inventory a robotic library	-o103	*	-a<robotic library>
			-s<slot numbers>
			-j<job name>
			-f<schedule file>
			-pr:<priority>
			-w

Lock a robotic library door	-o104	*	-a<robotic library>
			-f<schedule file>
			-pr:<priority>
			-w

Unlock a robotic library door	-o105	*	-a<robotic library>
			-f<schedule file>
			-pr:<priority>
			-w

Set overwrite protection level	-o106		-ol:<level>
			-oo:<recyclable>

Set wizards ran	-o107		

Erase tape	-o111	*	-d<device name (loader or drive)>
		*	-e<erase type>
			-j<job name>
			-s<slot numbers>
			-m<media names>
			-f<schedule file>
			-pr:<priority>
			-w

Retention tape	-o112	*	-d<drive name>
			-s<slot numbers>
			-pr:<priority>
			-w

Label tape	-o113	*	-d<drive name>
		*	-m<media name>
			-s<slot numbers>
			-pr:<priority>
			-w

Format tape	-o114	*	-d<drive name>

			-s<slot numbers>
			-pr:<priority>
			-w

Eject tape		-o115 *	-d<drive name>
			-pr:<priority>
			-w

Create a backup-to-disk folder		-o116 *	-f<folder name>
			* -d<directory>
			-s<max b2d file size>
			-q<max number of backup sets>
			-k<reserve disk space>
			-e<device settings>
			-m<number of concurrent ops>
			-r

Inventory a stand-alone drive		-o117 *	-d<drive name>
			-j<job name>
			-f<schedule file>
			-pr:<priority>
			-x
			-w

Delete backup-to-disk folders		-o118 *	-f<folder names>

Set backup-to-disk folder properties		-o119 *	-f<folder name>
			-s<max b2d file size>
			-q<max number of backup sets>
			-k<reserve disk space>
			-e<device settings>
			-m<number of concurrent ops>

Delete a media set		-o120 *	-m<media name>

Delete a drive pool		-o121 *	-dp:<drive pool>

Create a media server pool		-o122 *	-nm:<pool name>
			-pd:<pool description>
			-si:<server id list> or
			-sn:<server name list>

Delete media server pools		-o123 *	-i<pool id list> or
			-nm:<pool name list>

Rename a media server pool or set new pool description		-o124 *	-i<pool id> or -onm:<old pool name>
			-nm:<new pool name>
			-pd:<new pool description>

Get a list of media server pools (for a media server)		-o125	-i
			-j
			-si:<server id> or -sn:<server name>

```

-----
Add media servers into a | -o126 |* -pi:<pool id> or -pn:<pool name>
media server pool      |      |* -si:<server id list> or
                       |      | -sn:<server name list>
-----
Remove a media server out | -o127 |* -pi:<pool id> or -pn:<pool name>
of a media server pool  |      |* -si:<server id list> or
                       |      | -sn:<server name list>
-----
Get a list of media      | -o128 |* -pi:<pool id> or -pn:<pool name>
servers from a media    |      | -i
server pool             |      | -j
-----
Delete a media          | -o129 |* -m<media name>
-----
Move media              | -o130 |* -i<media id> or -j<media name>
                       |      |* -ms:<media set id> or -mn:<media set name>
-----
Rename media           | -o131 |* -i<media id> or -j<old media name>
                       |      |* -mn:<new media name>
-----
List media labels      | -o132 |* -i<media set id> or -j<media set name>
-----
Create media vault     | -o133 |* -vn:<vault name>
                       |      | -vd:<vault description>
-----
Delete media vault     | -o134 |* -i<vault id> or -vn:<vault name>
-----
Configure robotic library | -o135 |* -i<robot id> or -d<robot name>
partitions             |      | -s<slot numbers>
-----
Get a list of media    | -o136 | -i
vaults                 |      | -j
-----
Add media to media vault | -o137 |* -i<media id> or -j<media name>
                       |      |* -mv:<media vault id> or -vn:<media vault name>
-----
Get number of media    | -o140 | -i
servers                |      | -j
-----
List notification      | -o150 |
recipients             |      |
-----
Place a job on hold    | -o200 |* -j<job name> or -f<file name>
-----
Take a job off hold    | -o201 |* -j<job name> or -f<file name>
-----
Delete scheduled job   | -o202 |* -i<job id> or -j<job name>
                       |      | -ds:
-----
Create logon account   | -o210 |* -nl:<user name>
                       |      | -pl:<password>
                       |      |* -d<account name>
-----

```

```

      |      | -pa:
      |      | -dl:
-----
Dump logon accounts      | -o211 |
-----
Delete logon account    | -o212 | * -i<logon account id>
-----
Modify logon account    | -o213 | * -i<logon account id>
      |      | -pw:<password>
      |      | -pl:<new password>
      |      | -d<account name>
      |      | -pa:<account type>
      |      | -dl:
-----
Create backup selection | -o220 | * -s<selection list name>
list                    |      | * -f<script file>
      |      | -d<description>
      |      | -sn:<preferred server name> or -pn:<media server pool name>
-----
Delete backup selection | -o221 | * -s<selection list names> or
list                    |      | -f<filename>
-----
List all backup selection | -o251 |
lists                   |      |
-----
Create a new policy     | -o260 | * -f<policy file>
-----
Delete a policy         | -o261 | * -i<policy id> or -j<policy name>
-----
Update a policy         | -o262 | * -j<policy name>
      |      | * -f<policy file>
-----
Get the number of      | -o263 | -i
policies               |      | -j
      |      | -tl:(requires -i or -j)
      |      | -r (requires -i or -j)
-----
Apply a policy to      | -o264 | * -i<policy id> or -j<policy name>
selection lists        |      | * -si:<selection list id list> or
      |      | -sj:<selection list name list>
      |      | -f<file name>
-----
Remove a policy from   | -o265 | * -i<policy id> or -j<policy name>
selection lists        |      | * -si:<selection list id list> or
      |      | -sj:<selection list name list>
      |      | -f<file name>
-----
Set default option     | -o300 | * -do:<option name> or -f<file name>
      |      | * -dv:<option value> (required if -do: used)
-----
Get default option     | -o301 | * -do:<option name> or -f<file name>
-----
List error-handling rules | -o310 |

```

Enable and edit error-handling rules	-o311	* -i<rule id> -mr:<max retries> -ri:<retry interval> -no:<notes> -pj: or -cj:
Disable error-handling rule	-o312	* -i<rule id>
Report to view	-o400	* -r<report id> or -i -ps:<parameters> -j
Report to print	-o401	* -r<report id> or -i -ps:<parameters> -j
Report to file	-o402	* -r<report id> or -i * -f<filename> or -d<directory> * -ft:<format> -ps:<parameters> -j
Insert report	-o403	* -f<filename> or -i
Is BackupExec server available	-o500	* -c (global switch)
Are BackupExec services running	-o501	
Start BackupExec services	-o502	
Stop BackupExec services	-o503	
Dump BackupExec services status	-o504	
Dump BackupExec server properties	-o505	
Dump job information	-o506	-j<job name> -d<display type>
Dump selection list	-o507	-s<selection list name>
Dump policy information	-o509	* -i<policy id> or -j<policy name>
Display Installed Updates	-o601	
Error code look up	-o999	* -e<error code>

