scVENUS quick reference

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quick reference
fasst die wichtigsten Kommandos und Tastenkombinationen auf einen Blick zusammen

unix/linux
tcsh
emacs
vi
lsf
scvenus
sun grid engine

Client Installation

scbootstrap -p <clientlist>	installs the scVENUS client software on the machines specified in *<clientlist>*. Option –p enables the regular password request prompt and supersedes pre-installation configuration settings.
scbootstrapwin <clientlist>	installs the scVENUS client software package on the Windows hosts contained in *<clientlist>*.

Client-Specific Configuration and Administration

scaddvenusgroup <venusgroup>	creates a new scVENUS host group labeled *<venusgroup>*.
scdelvenusgroup <venusgroup>	removes the empty scVENUS host group *<venusgroup>*.
scaddtovenusgroup <venusgroup> <clientlist>	adds the clients from *<clientlist>* to the scVENUS group *<venusgroup>*.
scdelfromvenusgroup <venusgroup> <clientlist>	deletes clients from *<clientlist>* from an scVENUS group *<venusgroup>*.
sclistclient	displays all scVENUS clients.
sclisthostgroup <client>	displays the list of all groups to which the specified scVENUS *<client>* belongs.

Configuration Administration

scrinstall <method> <clientlist>	installs the *<method>* on the scVENUS clients listed in *<clientlist>*.
scprdo <cmd> <clientlist>	executes the command *<cmd>* with system privileges on all clients in *<clientlist>*.
scpdistfile <file> <clientlist>	distributes a specific configuration *<file>* to the clients in *<clientlist>* using the lookup mechanism.

Fortsetzung Configuration Administration

sclookup -h <client>	searches for a method, configuration file or a context variable for *<client>*.
-m <method>	determines the absolute path for the specified *<method>*.
-v <var> -C <context>	displays the value of variable *<var>* from the context *<context>* and determines the absolute path of the context.
-f <file>	determines the absolute path for the specified *<file>*.
sccheckin <name>	checks in a method, a context file or a regular file that is specified by its *<name>* from the current working directory into the scVENUS configuration depot.
-T <name>	checks in the method *<name>* in the test mode for the instructing administrator.
sccheckout <name>	checks out a method, a context file or a regular file that is specified by its *<name>* from the scVENUS configuration depot.

Software Administration

scaddpkg <software> <clientlist>	installs and updates *<software>* on the clients listed in the *<clientlist>*.
scdelpkg <software> <clientlist>	uninstalls *<software>* from the clients listed in the *<clientlist>*.
sclistpkg <clientlist>	lists installed software packages by evaluating the scVENUS Inventory on the respective clients listed in *<clientlist>*.
scdepotlistpkg	lists all software packages that are currently stored in the software depot.

Fortsetzung Software Administration

scdepotaddpkg <path>	adds a copy of the software package stored in *<path>* to the software depot and registers it there.
scdepotdelpkg <software>	deletes a software package labeled *<software>* from the software depot.
scdepotchpkg <software > -i <pkgid>	modifies the meta information for an scVENUS software package in the software depot. The package is determined by its name *<software>* and ID number *<pkgid>*.
–set-requires =<requires>	sets the new *<requires>*, e.g. "os:unix".
–set-priority =<number>	sets a new priority as positive integer *<number>* for the specified software package.
–set-testmode =<mode>	*<mode>* can be **on** (define as test package) or **off** (regular package).
scdepotlookup -n <software> <clientlist>	shows all packages of *<software>* that would be used during installation on the clients in *<clientlist>*.

Patch Management

scpackageinfo <type> <pkg> <client>	collects meta information for a software package for the *<type>* msi or mspatch stored at *<pkg>*. To do so, scpackageinfo copies the specified software package to the Windows *<client>*.
scpatch <clientlist>	installs MS Patch packages on the clients in *<clientlist>*.

Fortsetzung Patch Management auf der Rückseite

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Fortsetzung Patch Management

scpgroupadd <alias> <clientlist>	creates a new scVENUS patch group *<alias>* for all clients specified in *<clientlist>*.

Packaging

scpm –gen-filelist –s <path> -f <filelist>	generates the *<filelist>* starting from *<path>* and descending recursively.
scpm –create –p <pkg>	creates an scVENUS software package with the name *<pkg>*.
-f <filelist>	determines the content of the package by a *<filelist>*.
-s <path>	if option *–f* is set, *<path>* is interpreted as the parent folder to be prefixed. Otherwise, it specifies the source path where all files of the software to be packed are located.
-d <path>	specifies the absolute path under which the software is regularly installed (destination).
–requires=<requires>	specifies the system requirements necessary for extracting and running software.
scpm –pkg-info –p <pkg>	displays information about the software package *<pkg>*.
scpm –extract –p <pkg>	extracts the software package *<pkg>* on the client and installs the software it contains.
scpm –remove -n <software> -v <versionstring>	removes the *<software>* in the version *<versionstring>*.
scpm –query -n <software>	queries information on specific *<software>* packages.

Fortsetzung Packaging

scsnapshot	creates files that facilitate the creation of software packages on Windows hosts. *scsnapshot* has to be executed twice: before and after the complete installation process of a software.
-1 –r <root> <software>	starts the first run gathering recursively the file information from the root-directories specified in *<root>* before the *<software>* is installed.
-2 –s <source_dir> -l <number> <software>	starts the post installation run creating a file list and several scripts within the folder. %TEMP%*<software>*. The path depth *<number>* divides the path *<source_dir>* in two parts. The left part is used as the absolute path for the variable *$<DEST_PREFIX>*.

User/File System Administration

scadduser -u <user> -h <host>	adds a new user with the user name *<user>* and creates the user's home directory on the specified *<host>*.
scdeluser -u <user> -d	removes a *<user>* and deletes the *<user>*'s home directory.
scchuser -u <user>	modifies *<user>* attributes.
-p	changes *<user>* password.
+h <newhost>	moves *<user>* to host *<newhost>*.
+/-g <grouplist>	adds *<user>* to/removes *<user>* from *<grouplist>*
-L	blocks the *<user>*'s login.

Fortsetzung User/File System Administration

scaddgroup -g <group>	creates a new *<group>*.
scdelgroup -g <group>	removes a user *<group>*.
scaddkey -w <mountpoint> -e <entry> **-h <host>**	creates a new *<entry>* for the automounter *<mountpoint>* and creates the corresponding directory on the *<host>*.
scchkey -w <mountpoint> -e **<entry>**	changes the *<entry>* in the automounter *<mountpoint>*.
scdelkey -w <mountpoint> -e **<entry>**	deletes the *<entry>* from the specified automounter *<mountpoint>*.
scdirlist <map>	displays the entries in a *<map>*.
scwhatson <client>	lists all home directories that are located on the local disks of the *<client>*.
-w <mountpoint>	lists all SSI directories from the map of the specified automounter *<mountpoint>*.
scwhereis <user>	looks for the home directory of *<user>*.
-w <mountpoint> <key>	lists the host on which the SSI directory *<key>* from the map of the specified automounter *<mountpoint>* is located.

GUI Commands

gvenus	calls the **scVENUS GUI** on the scVENUS client.
gscpm	calls the **scpm GUI** on the scVENUS client.
gsnapshot	calls the **scsnapshot GUI** on the scVENUS client.

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