

XenServer 6.0 XE-Command Reference

Appliance Commands

appliance-assert-can-be-recovered *
appliance-create *
appliance-destroy *
appliance-list *
appliance-param-clear *
appliance-param-get *
appliance-param-list *
appliance-param-set *
appliance-recover *
appliance-shutdown *
appliance-start *

Log Commands

log-get
log-get-keys
log-reopen
log-set-output

Console Commands

console-list
console-param-add
console-param-clear
console-param-get
console-param-list
console-param-remove
console-param-set

Disaster Recovery (DR) Commands

drtask-create *
drtask-destroy *
drtask-list *
drtask-param-get *
drtask-param-list *
appliance-assert-can-be-recovered *
appliance-recover *
vm-assert-can-be-recovered *
vm-recover *
sr-enable-database-replication *
sr-disable-database-replication *

Event Commands

event-wait

GPU Commands

Virtual GPU (vGPU)
vgpu-create *
vgpu-destroy *
vgpu-list *
vgpu-param-add *
vgpu-param-clear *
vgpu-param-get *
vgpu-param-list *
vgpu-param-remove *
vgpu-param-set *

Physical GPU (pGPU)

pgpu-list *
pgpu-param-add *
pgpu-param-clear *
pgpu-param-get *
pgpu-param-list *
pgpu-param-remove *
pgpu-param-set *

GPU Group

gpu-group-list *
gpu-group-param-add *
gpu-group-param-clear *
gpu-group-param-get *
gpu-group-param-list *
gpu-group-param-remove *
gpu-group-param-set *

Secrets Commands

secret-create
secret-destroy
secret-list
secret-param-clear
secret-param-get
secret-param-list
secret-param-set

Nice-to-have Linux commands (not XE-commands)

xe-toolstack-restart
xsconsole
xentop
top
xen-bugtool --yes
less /var/log/dmesg
tail /var/log/xensource.log

Pool

Pool Commands

pool-certificate-install
pool-certificate-list
pool-certificate-sync
pool-certificate-uninstall
pool-crl-install
pool-crl-list
pool-crl-uninstall
pool-deconfigure-wlb
pool-designate-new-master
pool-disable-external-auth
pool-disable-local-storage-caching
pool-disable-redo-log
pool-dump-database
pool-eject
pool-emergency-reset-master
pool-emergency-transition-to-master
pool-enable-external-auth
pool-enable-local-storage-caching
pool-enable-redo-log
pool-ha-compute-hypothetical-max-host-failures-to-tolerate
pool-ha-compute-max-host-failures-to-tolerate
pool-ha-disable
pool-ha-enable
pool-initialize-wlb
pool-join
pool-list
pool-param-add
pool-param-clear
pool-param-get
pool-param-list
pool-param-remove
pool-param-set
pool-recover-slaves
pool-restore-database
pool-retrieve-wlb-configuration
pool-retrieve-wlb-diagnostics
pool-retrieve-wlb-recommendations
pool-retrieve-wlb-report
pool-send-test-post
pool-send-wlb-configuration
pool-sync-database
pool-vlan-create

Audit Commands

audit-log-get

Workload Balancing (WLB) Commands

pool-initialize-wl
pool-param-set other-config
pool-retrieve-wlb-diagnostics
host-retrieve-wlb-evacuate-recommendations
vm-retrieve-wlb-recommendations
pool-certificate-list
pool-certificate-install
pool-certificate-sync
pool-param-set
pool-deconfigure-wlb
pool-retrieve-wlb-configuration
pool-retrieve-wlb-recommendations
pool-retrieve-wlb-report
pool-send-wlb-configuration

CD/DVD Commands

cd-list

Message Commands

message-create
message-destroy
message-list
message-param-get
message-param-list

VM Protection Policy (VMPP) Commands

vmpp-create
vmpp-destroy
vmpp-list
vmpp-param-add
vmpp-param-clear
vmpp-param-get
vmpp-param-list
vmpp-param-remove
vmpp-param-set

Hosts

Host Commands

host-all-editions *
host-apply-edition
host-backup
host-bugreport-upload
host-call-plugin
host-compute-free-memory
host-compute-memory-overhead
host-cpu-info
host-cpu-list
host-cpu-param-get
host-cpu-param-list
host-crashdump-destroy
host-crashdump-list
host-crashdump-param-get
host-crashdump-param-list
host-crashdump-upload
host-data-source-forget
host-data-local-storage-caching
host-data-source-query
host-data-source-record
host-disable
host-disable-local-storage-caching
host-dmesg
host-emergency-ha-disable
host-emergency-management-reconfigure
host-enable
host-enable-local-storage-caching
host-evacuate
host-forget
host-get-cpu-features
host-get-server-certificate
host-get-sm-diagnostics *
host-get-system-status
host-get-system-status-capabilities
host-get-thread-diagnostics *
host-get-uncooperative-vm
host-get-vm-which-prevent-evacuation
host-is-in-emergency-mode
host-license-add
host-license-view
host-list
host-logs-download
host-management-disable
host-management-reconfigure
host-param-add
host-param-clear
host-param-get
host-param-list
host-param-remove
host-param-set
host-param-on
host-reboot
host-reset-cpu-features
host-restore
host-retrieve-wlb-evacuate-recommendations
host-send-debug-keys
host-set-cpu-features
host-set-hostname-live
host-set-power-on-mode
host-shutdown
host-shutdown-agent
host-sm-dp-destroy *
host-sync-data
host-syslog-reconfigure

Patch Commands

patch-apply
patch-clean
patch-destroy
patch-list
patch-param-clear
patch-param-get
patch-param-list
patch-pool-apply
patch-precheck
patch-upload

Update Commands

update-upload

Task Commands

task-cancel
task-list
task-param-get
task-param-list

Some good logfiles (for troubleshooting)

/var/log/messages
/var/log/xensource
/var/log/xha
/var/log/audit
/etc/xensource-inventory
/var/log/dmesg

Virtual Machines

VM Commands

vm-assert-can-be-recovered *
vm-cd-add
vm-cd-eject
vm-cd-insert
vm-cd-list
vm-cd-remove
vm-checkpoint
vm-clone
vm-compute-maximum-memory
vm-compute-memory-overhead
vm-copy
vm-copy-bios-strings
vm-crashdump-list
vm-data-source-forget
vm-data-source-list
vm-data-source-query
vm-data-source-record
vm-destroy
vm-disk-add
vm-disk-list
vm-disk-remove
vm-export
vm-import
vm-install
vm-is-bios-customized
vm-list
vm-memory-dynamic-range-set
vm-memory-limits-set
vm-memory-shadow-multiplier-set
vm-memory-static-range-set
vm-memory-target-set
vm-migrate
vm-param-add
vm-param-clear
vm-param-get
vm-param-list
vm-param-remove
vm-param-set
vm-pause
vm-reboot
vm-recover *
vm-reset-powerstate
vm-resume
vm-retrieve-wlb-recommendations
vm-shutdown
vm-snapshot
vm-snapshot-with-quiet
vm-start
vm-suspend
vm-uninstall
vm-unpause
vm-vcpu-hotplug
vm-vif-list

Template Commands

template-export
template-list
template-param-add
template-param-clear
template-param-get
template-param-list
template-param-remove
template-param-set
template-uninstal

Snapshot Commands

snapshot-clone
snapshot-copy
snapshot-destroy
snapshot-disk-list
snapshot-export-to-template
snapshot-list
snapshot-param-add
snapshot-param-clear
snapshot-param-get
snapshot-param-list
snapshot-param-remove
snapshot-param-set
snapshot-reset-powerstate
snapshot-revert
snapshot-uninstal

* New in XenServer 6.0 (command does not exist in 5.6 SP2)

Storage

PBD (Physical Block Devices) Commands

pbid-create
pbid-destroy
pbid-list
pbid-param-add
pbid-param-clear
pbid-param-get
pbid-param-list
pbid-param-remove
pbid-param-set
pbid-plug
pbid-unplug

VBD (Virtual Block Devices) Commands

vbd-create
vbd-destroy
vbd-eject
vbd-insert
vbd-list
vbd-param-add
vbd-param-clear
vbd-param-get
vbd-param-list
vbd-param-remove
vbd-param-set
vbd-plug
vbd-unplug

VDI (Virtual Disk Images) Commands

vdi-clone
vdi-copy
vdi-create
vdi-destroy
vdi-forget
vdi-import
vdi-introduce
vdi-list
vdi-param-add
vdi-param-clear
vdi-param-get
vdi-param-list
vdi-param-remove
vdi-param-set
vdi-resize
vdi-snapshot
vdi-unlock
vdi-update

SR (Storage Repositories) Commands

sr-create
sr-destroy
sr-disable-database-replication *
sr-enable-database-replication *
sr-forget
sr-introduce
sr-list
sr-param-add
sr-param-clear
sr-param-get
sr-param-list
sr-param-remove
sr-param-set
sr-probe
sr-scan
sr-update

Storage Manager (SM) Commands

sm-list
sm-param-get
sm-param-list

Diagnostics Commands

diagnostic-compact
diagnostic-db-log
diagnostic-db-stats
diagnostic-gc-stats
diagnostic-license-status
diagnostic-timing-stats
diagnostic-vdi-status
diagnostic-vm-status

Networking

Network Commands

network-create
network-destroy
network-list
network-param-add
network-param-clear
network-param-get
network-param-list
network-param-remove
network-param-set

Bond Commands

bond-create
bond-destroy
bond-list
bond-param-get
bond-param-list
bond-set-mode *

VLAN Commands

vlan-create
vlan-destroy
vlan-list
vlan-param-get
vlan-param-list

Tunnel Commands

tunnel-create
tunnel-destroy
tunnel-list
tunnel-param-add
tunnel-param-clear
tunnel-param-get
tunnel-param-list
tunnel-param-remove
tunnel-param-set

PIF (Phys. Network Interface) Commands

pif-forget
pif-introduce
pif-list
pif-param-add
pif-param-clear
pif-param-get
pif-param-list
pif-param-remove
pif-param-set
pif-plug
pif-reconfigure-ip
pif-scan
pif-unplug

VIF (Virt. Network Interface) Commands

vif-create
vif-destroy
vif-list
vif-param-add
vif-param-clear
vif-param-get
vif-param-list
vif-param-remove
vif-param-set
vif-plug
vif-unplug

User Commands

user-password-change
subject-add
subject-list
subject-param-clear
subject-param-get
subject-param-list
subject-remove
subject-role-add
subject-role-remove
subject-role-remove
role-list
role-param-get
role-param-list
session-subject-identifier-list
session-subject-identifier-logout
session-subject-identifier-logout-all

Some good links at Citrix.com

http://support.citrix.com/article/CTX130418
http://support.citrix.com/article/CTX130421
http://support.citrix.com/article/CTX130420
http://support.citrix.com/article/CTX130422
http://support.citrix.com/article/CTX130423
http://support.citrix.com/article/CTX130437
http://support.citrix.com/article/CTX131047

XenServer 6.0 Release Notes

http://support.citrix.com/article/CTX131214
http://support.citrix.com/article/CTX131400
http://support.citrix.com/article/CTX130924

Hotfix XS60E001 - For XenServer 6.0

Hotfix XS60E002 - For XenServer 6.0

Designing XS 6.0 Network Configurations