

ESXCLI



context

dit document beschrijft het gebruik van ESXCLI op ESXi hosts, de **commandline tool** waarmee je je ESXi kan beheren.

werking

- esxcli werkt met zgn **namespaces**, vergelijkbaar met categorieën binnen VMware (disk, netwerk, vms, ...)
- esxcli: overzicht van de beschikbare namespaces

```
Available namespaces:
device          Device manager commands
esxcli          Commands that operate on the esxcli system itself allowing users to get additional information.
fs              VMware FS commands.
graphics        VMware graphics commands.
hardware        VMkernel hardware properties and commands for configuring hardware.
iscsi           VMware iSCSI commands.
network         Operations that pertain to the maintenance of networking on an ESX host. This includes a wide variety of commands to manipulate virtual networking components (vswitch, portgroup, etc) as well as local host IP, DNS and general host networking settings.
nvme            VMware NVMe driver esxcli extensions
rdma            Operations that pertain to remote direct memory access (RDMA) protocol stack on an ESX host.
sched           VMkernel system properties and commands for configuring scheduling related functionality.
software        Manage the ESXi software image and packages
storage         VMware storage commands.
system          VMkernel system properties and commands for configuring properties of the kernel core system and related system services.
vm             A small number of operations that allow a user to control Virtual Machine operations.
vms             VMware vSAN commands
```

- esxcli <namespace>: brengt je in de betreffende namespace en geeft overzicht van beschikbare commando's
- voorbeeld: esxcli system stats installdate get: installatiedatum

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hardware

- esxcli hardware memory get: RAM
- esxcli hardware clock get: hardware clock

iscsi

- esxcli iscsi session list: actieve iSCSI sessies
- esxcli iscsi adapter list: iscsi adapters
- esxcli iscsi adapter target list: iscsi targets
- esxcli iscsi adapter lun list: iscsi luns

network

- `esxcli network nic list`: overzicht netwerkkaarten
- `esxcli network vswitch standard list`: overzicht van vswitches
- `esxcli network vswitch standard portgroup list`: list portgroups
- `esxcli network ip interface ipv4 get`: IPv4 configuratie van netwerkkaarten
- `esxcli network ip connection list`: tcp verbindingen met ESXi host (cfr netstat)

storage

- `esxcli storage core adapter list`: overzicht (software) adapters
- `esxcli storage core device list`: overzicht van storage devices
- `storage core device capacity list`: overzicht capaciteit van storage devices
- `esxcli storage core device stats get`: statistieken van de storage devices
- `esxcli storage filesystem list`: overzicht van de storage volumes en filesystem

system

- `esxcli system stats installtime get`: installatie datum

meer info

[Most Useful ESXCLI and ESXi Shell Commands for Your VMware Environment](#)

[vmware](#), [ssh](#), [esxi](#)

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Last update: **2024/11/16 18:14**

