

Utiliser l'API REST de Proxmox avec Powershell

Ressources

Documentation de l'API Proxmox : https://pve.proxmox.com/wiki/Proxmox_VE_API

Utilisation avec Powershell : <https://github.com/Corsinvest/cv4pve-api-powershell>

Install du module Powershell

Ouvrir une console Powershell

```
PS > Install-Module -Name Corsinvest.ProxmoxVE.Api
```

Connexion au cluster

- Connexion au cluster en indiquant compte et mot de passe

```
<code powershell> PS > Connect-PveCluster -HostsAndPorts 192.168.190.191:8006 -  
SkipCertificateCheck PowerShell credential request Proxmox VE Username and password, username  
formatted as user@pam, user@pve, user@yourdomain or user (default domain pam). User: test  
Password for user test:
```

```
#return Ticket, default set $Global:PveTicketLast #this is useful when connections to multiple clusters  
are needed use parameter -SkipRefreshPveTicketLast HostName : 192.168.190.191 Port : 8006  
SkipCertificateCheck : True Ticket :
```

```
PVE:test@pam:5EFF3CCA::iXhSNb5NTgNUYznf93mBOhj8pqYvAXoeckBHCXa3coYwBWjsWO/x8TO1gID  
X0yz9nfHuvY3alJ0+Ew5AouOTZIZI3NODO9Cp4Hl87qnzhsz4wvoYEzvS1NUOTBekt+yAa68jdbhP
```

```
0zh0d8ozEEQIK7Fw2l0Sa0qBFUTZR0mtnCnlsjk/Nn3kNEnZrkHXRGM46fA+asprvr0ns1LxJgPG  
h94Xxd6jPNDj+xJnp9u6W3PxiAojM9g7IRurbp7ZCJvAgHbA9FqxibpgjaVm4NCd8LdkLDgCR0xg  
YCjI3eR
```

```
gjkDvu1P7lLjK9JxSzqnCwWD739DT3P3bW+Ac3SyVqTf8sw==
```

```
CSRFPreventionToken : 5EFF3CCA:Cu0NuFiL6CkhFdha2V+HHigMQPk
```

```
#Connection to cluster using Api Token PS /home/frank> Connect-PveCluster -HostsAndPorts  
192.168.190.191:8006,192.168.190.192 -SkipCertificateCheck -ApiToken  
root@pam!qqqqqq=8a8c1cd4-d373-43f1-b366-05ce4cb8061f HostName : 192.168.190.191 Port :  
8006 SkipCertificateCheck : True Ticket : CSRFPreventionToken : ApiToken :  
root@pam!qqqqqq=8a8c1cd4-d373-43f1-b366-05ce4cb8061f
```

```
#For disable output call Connect-PveCluster > $null
```

```
#Get version PS /home/frank> $ret = Get-PveVersion
```

```
#$ret return a class PveResponse
```

```
#Show data PS /home/frank> $ret.Response.data repoid release keyboard version --- ---- ----  
---- d0ec33c6 15 it 5.4
```

```
#Show data 2 PS /home/frank> $ret.ToTable() repoid release keyboard version --- ---- ---- ----  
d0ec33c6 15 it 5.4
```

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