Useful CLI Commands Univention Corporate Server

Useful CLI command line troubleshooting tools

The following is a list of CLI commands used for administering the Univention Corporate Server (UCS)

UCS Show Commands

Command	Description
ucr get server/role	Show the server role
ucr get domainname	Show Domainname
ucr get windows/domain	Show WIndows Domain

UCS Edit Commands

Command	Description
/usr/share/univention-samba4/scripts/purge_s4_computer.py --computername=backupdomaincontroller	Uninstallation of Backup Domain Controller, see here: https://docs.software-univention.de/ext-windows/latest/en/#ext-win-s4-deinstall

Samba Show Commands

For Samba 4 Troubleshooting check this article: https://help.univention.com/t/samba-4-troubleshooting/32

Command	Description

samba-tool drs showrepl	To get an overview of the current drs replication status you can use this command at every UCS Samba 4 DC which is joined to the domain.
root@master:~# univention-s4search cn=master msDS-KeyVersionNumber **root@backup:~# univention-s4search cn=master msDS-KeyVersionNumber**	For a given user, computer, or built-in account, this attribute specifies the Kerberos version number of the current key for that account. Therefore it can be used to compare the replication status of systems. The values have to be equal - otherweise the replication seems to be broken. If a system uses another value in comparison to the master, then it has to be rejoined or you first try to replicate just the Server account. Example: root@master:~# univention-s4search cn=master msDS-KeyVersionNumber dn: CN=MASTER,OU=Domain Controllers,DC=test,DC=domain msDS-KeyVersionNumber: 7 root@backup:~# univention-s4search cn=master msDS-KeyVersionNumber dn: CN=MASTER,OU=Domain Controllers,DC=test,DC=domain msDS-KeyVersionNumber: 1
samba-tool dbcheck --cross-ncs	This checks the database of samba4. Samba saves its date not just in one database,but it slits it up in 5 partitions. To check al partitions and not just the basic one you need to add the parameter `--cross-ncs`
samba-tool dbcheck --cross-ncs --fix --yes	To fix upcomming issues you can use `--fix` and `--yes` if you do not want to be asked for approval each error or warning.
/usr/share/univention-samba4/scripts/check_essential_samba4_dns_records.sh	For a complete overview of the relevant dns records.