1. Need to modify NetIQ AA Configuration in ldap\_proxy.py

NETIQ\_CONFIG = {

'BASE\_URL': "https://10.0.0.4",

'ADMINUSER': "LOCAL\\admin",

'ADMINPWD': "OTS0ftware!",

'SALT': "i-am-salt"

}

2. Need to modify the destination AD setting:

PROXY\_HOST = "0.0.0.0" # Listen on all interfaces

PROXY\_PORT = 389 # Standard LDAP port

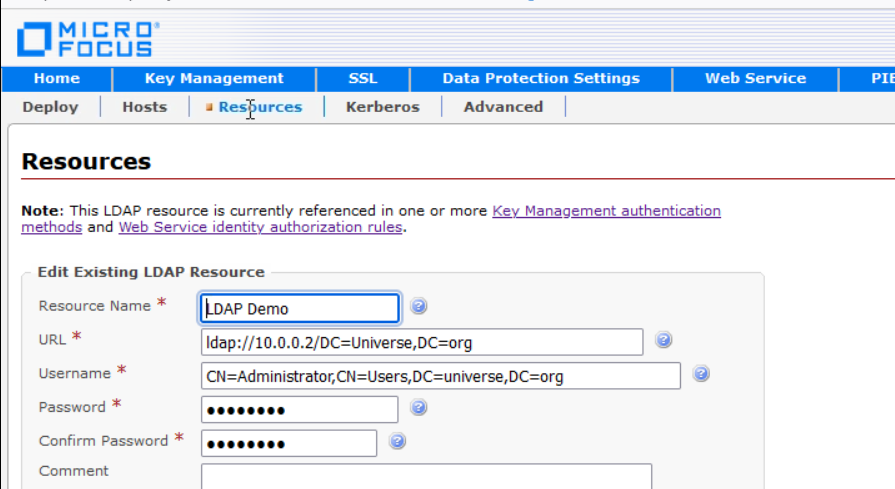
AD\_HOST = "10.0.0.3"

AD\_PORT = 389

3. Voltage SDA LDAP Configuration

Voltage SDA should set the LDAP host to the host which running this ldap\_proxy script.

In following screenshot, 10.0.0.2 is the host which runs the ldap\_proxy script, the actual AD server’s IP 10.0.0.3 which is configured in ldap\_proxy



4. Demo

The password includes both LDAP password (“OTS0ftware!” in following screen shot) and the TOTP ( 610337 in following screen shot). “@” is used to separate the 2 password.

The LDAP proxy script will split the password, use the TOTP password to authenticate with NetIQ AA Server, once authentication succeeded, the LDAP authentication will be forwarded to the AD server ( without the TOTP)

A screenshot of a computer

AI-generated content may be incorrect.

5. NetIQ AA endpoint

During TOTP authentication, endpoint “demo.endpoint” will be created.

After authentication, this endpoint will be deleted automatically. If the program met problem and crashed, the “demo.endpoint“ may stay in AA’s configuration which cause all authentication fail. So check the endpoint setting in AA, remove “demo.endpoint” before demo.