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Active Directory Single Sign-On

This Guide describes how to set automatic Single Sign-On via Active Directory.

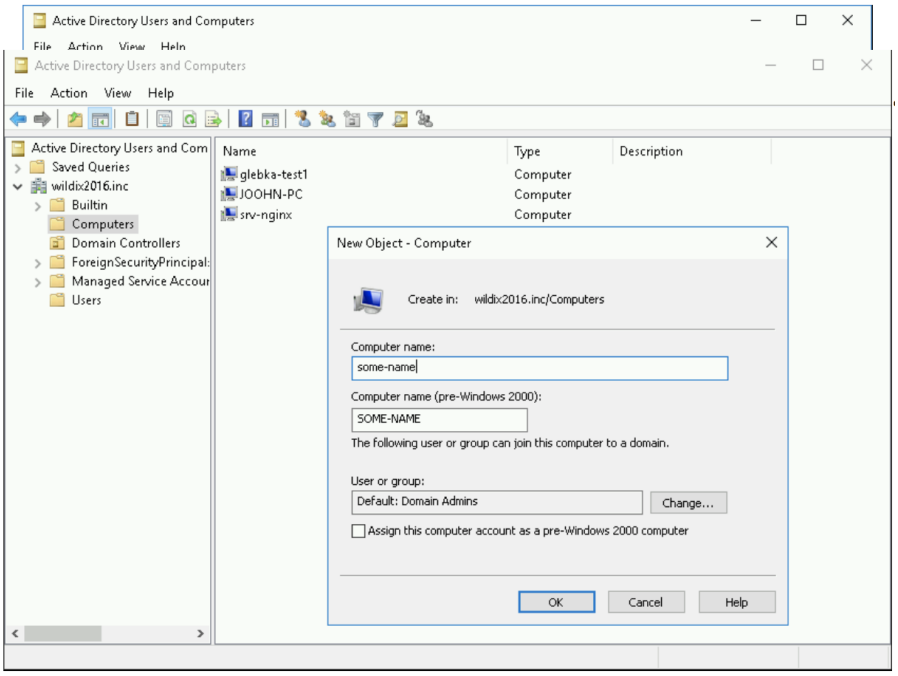
WMS Version: 4.01

Created: March 2019

Permalink: https://confluence.wildix.com/x/rABOAg

Step 1. Generate KeyTab file in Active Directory

- Go to Active Directory Users and Computers -> Computers
- Create a new computer account. Note, that this account should not contain a user with the same name



- To create KeyTab file and check spn (service principal name) binding to the computer account, run the following commands with Domain Admin privileges:

```
ktpass -princ HTTP/some-name.example.com@EXAMPLE.COM -mapuser some-name$@EXAMPLE.COM -crypto ALL -
ptype KRB5_NT_SRV_HST +rndpass -out d:\some-name.keytab
Reset SOME-NAME$'s password [y/n]? y
setspn -Q HTTP/some-name.example.com
```

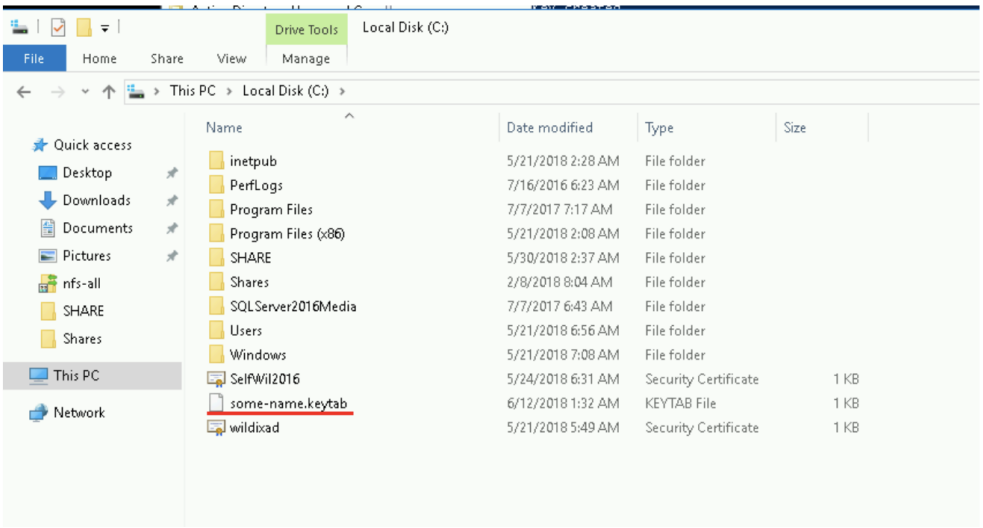
where

some-name$@EXAMPLE.COM - the computer's name in the asset directory (with $)

+ rndpass - the password that is generated for the computer account, where the domain is written in capital letters

If HTTP / some-name.example.com is bound to several computers or users, authentication of Kerberos will not work

- When KeyTab is generated, it appears on the disk - d: \ *some-name.keytab:*

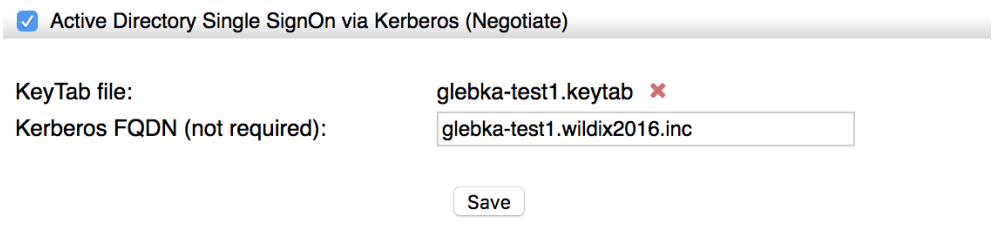


Step 2. Upload KeyTab file to PBX

- Go to WMS *Settings -> PBX -> Security*
- Check off *Active Directory Single SignOn via Kerberos (Negotiate)*
- Upload KeyTab file previously generated in Active Directory

> ⚠ Limitation: Only "0-9", "a-z", "A-Z", "_," '- ", "@", "." characters are allowed in KeyTab file name.

- Enter Kerberos FQDN of the KeyTab. It contains encoded domain name/ IP address of PBX:



Step 3. Import users from AD

In order to use AD SSO, you need to import users from Active Directory.

Consult Documentation for details.

Step 4. Active Directory SSO

- On Windows PC, connected to Active Directory, log in to the system with a user who was previously imported to PBX
- Reach PBX via the domain name configured as Kerberos FQDN (the name must be resolved to PBX IP address). For example, glebka-test1.wildix2016.inc

  > ⚠ Note: Configure your browser to authenticate SSO. Refer to the next chapter Browser configuration.

- If everything is set up correctly, then you log in automatically to Collaboration with the user that you are logged in to Windows PC

Browser configuration

Mozilla Firefox

To access Firefox settings, enter *about:config* into the Address bar and press [Enter] to open the list of customizable preferences for the current browser's installation.

You need to add FQDN of your PBX into the list of trusted URIs:

- network.negotiate-auth.trusted-uris - FQDN of the Server

On "Login Page" can you find the right for FQDN.

Chrome

To access Chrome settings:

- auth-server-whitelist -Allowed FQDN - Set the FQDN of the IdP Server. Example:

```
chrome --auth-server-whitelist="*aai-logon.domain-a.com"
```

On "Login Page" can you find the right for FQDN.

Opera

Opera does not currently support Kerberos authentication.