ITOL Test Plan

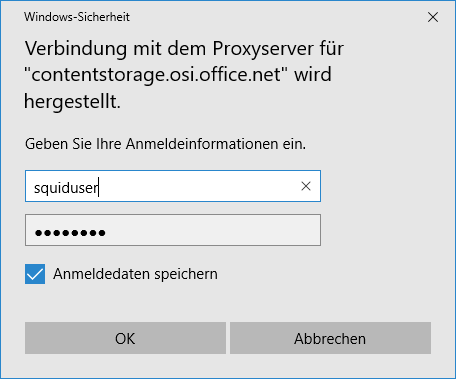
# Proxy Server

## Set up

Proxy server should be off in ITOL configuration.

Install proxy server as described in 2.1.

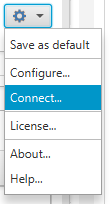
Configure proxy in Windows as described in 2.1.5.

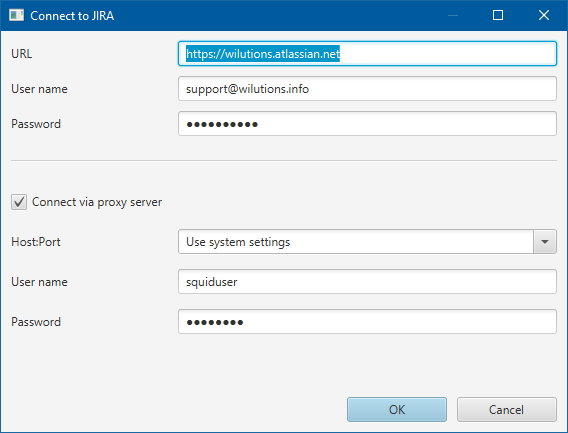
Start Outlook, enter proxy server credentials: user=squiduser, password=squidpwd  


## Success Test

Delete ITOL log-file.

Connect ITOL to JIRA server: check “use proxy”, select “use system settings”, enter credentials.





ITOL log-file must contain at least one line with content: “Proxy authentication: requestingHost=”.

Create an issue, inclusive attachments.

## Test Connection Fails with Wrong User Name or Password

Connect ITOL to JIRA server: check “use proxy”, select “use system settings”

Enter wrong credentials.

Message like Figure 1 should be displayed:

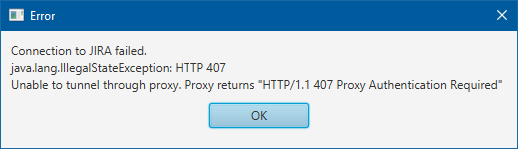


Figure 1 Connection via Proxy failed

## Clean up

Un-check proxy usage in Windows as described in 2.1.5.

# Appendix

## Configure Proxy Server

### Install Squid on Ubuntu

sudo apt install squid

### Install Apache Utils

… to create a password database.

sudo apt-get install apache2-utils

### Configure

#### Save Original Config File

sudo cp /etc/squid/squid.conf /etc/squid/squid.conf.original

#### Change Access Rights to Config File

Allow access for all:

sudo chmod ugo+rwx ./squid.conf

#### Zugriffsrechte auf Logdateien

sudo chmod ugo+rwx /var/log/squid/access.log

sudo chmod ugo+rwx /var/log/squid/cache.log

#### User für Basic-Authentication erstellen

Since Basic authentication can only be used with http, not https, go to next section

sudo htpasswd -c /etc/squid/passwords squiduser

squidpwd

#### Digest Authentication

cd /etc/squid

sudo touch passwd

sudo chown proxy.proxy passwd

sudo chmod 640 passwd

sudo htdigest -c /etc/squid/passwd SquidRealm squiduser

> squidpwd

Verify:

sudo /usr/lib/squid/digest\_file\_auth /etc/squid/passwd

>"squiduser":"SquidRealm"

OK...

CTRL-D

#### Add Digest Authentication in Config File

auth\_param digest program /usr/lib/squid/digest\_file\_auth -c /etc/squid/passwd

auth\_param digest realm SquidRealm

auth\_param digest children 2

acl auth\_users proxy\_auth REQUIRED

http\_access allow auth\_users

http\_access deny all

http\_port 3128

http\_port 3129 intercept

### Restart Squid

sudo /etc/init.d/squid restart

### Configure Proxy in Windows

Start Chrome - Configuration - search for „proxy“ - Change Proxy Configuration – LAN-Configuration – check Proxyserver – enter address and port=3128 – click OK.