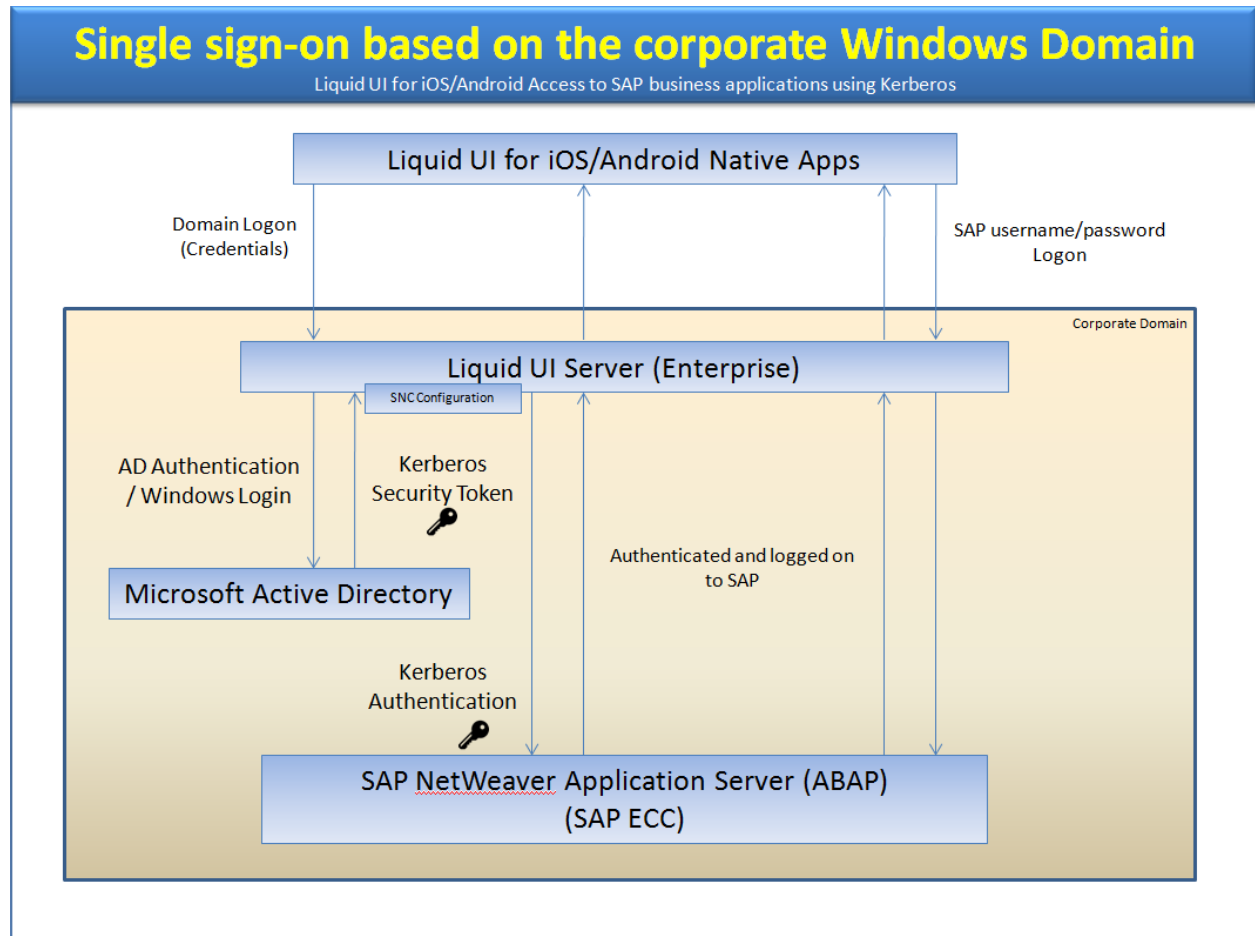


Liquid UI for iOS/Android: Single sign-on based on corporate Windows Domain

Secured, low TCO access to SAP business application using Kerberos from Liquid UI for iOS/Android

Architecture



Authentication Scenario

1. User enter domain credentials on Liquid UI for iOS/Android Native SAP logon screen
2. Liquid UI Server receives the credential information and passes the credential to Active Directory which provides Kerberos security token to Liquid UI Server
3. Liquid UI Server forwards the Kerberos token to the system. The Kerberos token is validated on the SAP Application Server (ABAP), and user is logged into SAP ECC.

Pre-Requisites

- Valid Windows Domain Login Credentials
- Liquid UI Server v3.5.549.0 and later
 - Liquid UI Server should be on the DOMAIN
 - Kerberos DLL, distributed as part of Liquid UI Server installation

Kerberos Configuration on SAP ECC (RZ10)

snc/force_login_screen	0
snc/permit_insecure_start	1
snc/accept_insecure_rfc	1
snc/accept_insecure_r3int_rfc	1
snc/accept_insecure_gui	1
snc/accept_insecure_cplic	1
snc/r3int_rfc_qop	1
snc/r3int_rfc_secure	0
snc/data_protection/use	1
snc/data_protection/min	1
snc/data_protection/max	1
snc/identity/as	p:sidadm@DOMAIN
snc/gssapi_lib	C:\usr\sap\TRX\SYS\exe\run\gsskrb5.dll
snc/enable	1

Liquid UI Server Configuration

saproxy.ini – configuration file

#Configuration for Unified Login based on Windows Domain Credentials

[Proxy1]

ListenPort = 3210

TargetServer = SAPSERVER

TargetServerPort = 3200

GuiXT = 10

SNCName=sidadm@DOMAIN

SAP Configuration

The screenshot shows the 'Maintain User' configuration interface in SAP. The user 'TEST1' is selected, with a creation date of 27.02.2017 and a time of 11:53:46. The status is 'Saved'. The 'SNC' tab is active, displaying the 'SNC name' as 'p:test1@DOMAIN'. Below this, there are two checkboxes: 'Unsecure logon is allowed (snc/accept_insecure_gui)' and 'Unsecure communication permitted (user-specific)', both of which are currently unchecked. A section titled 'SNC data' shows a green checkmark and the text 'Canonical name determined'. The interface includes a top toolbar with various icons for navigation and actions, and a tabbed menu at the bottom with options like Address, Logon data, SNC, Defaults, Parameters, Roles, Profiles, and Groups.

Liquid UI for iOS: Connection Configuration

v2.0.11.0

Application Server: Liquid UI Server FQDN or IP

Username: DOMAIN\username

Password: domainpassword

●●○○○ AT&T 12:16 PM 64%

< Back Connection Details

Not sure what to do? [Tap for help >](#)

Description	Unified Login
Application Server	172.18.1.41
Instance Number	30
Client	800
SAP Router String	
Username	DOMAIN\test1
Password	●●●●●●●●
Language	

●●○○○ AT&T 12:37 PM 53%

⚙ Return

New password

SAP

Client	800
User	DOMAIN\test1
Password	●●●●●●●●
Language	

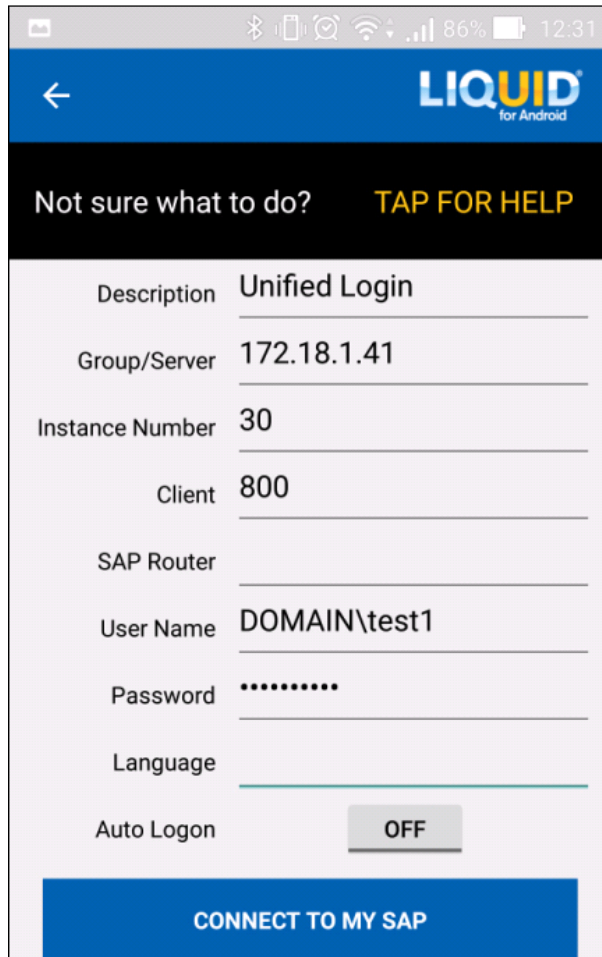
Liquid UI for Android: Connection Configuration

v2.0.19.0

Application Server: Liquid UI Server FQDN or IP

Username: DOMAIN\username

Password: domainpassword



LIQUID for Android

Not sure what to do? TAP FOR HELP

Description Unified Login

Group/Server 172.18.1.41

Instance Number 30

Client 800

SAP Router

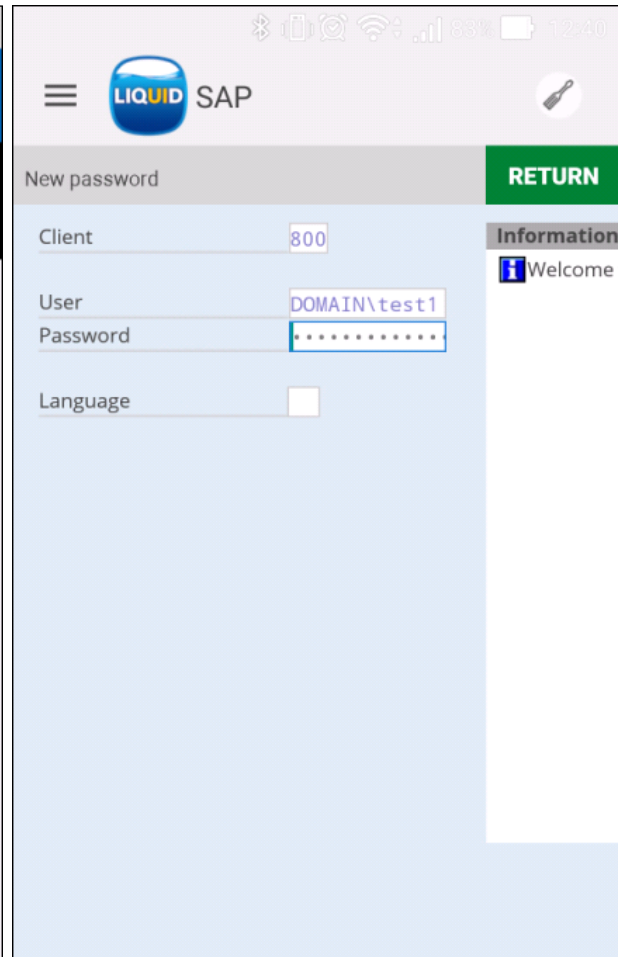
User Name DOMAIN\test1

Password

Language

Auto Logon OFF

CONNECT TO MY SAP



LIQUID SAP

New password RETURN

Client 800

User DOMAIN\test1

Password

Language

Information Welcome

Screen Cam

MP4 Format



ScreenCam_iOS_SSO
.mp4