



REL-ID IMPLEMENTATION KICKOFF

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Agenda

- Scope
- Deployment Architecture
- Hardware Specification
- Typical Configurations
- Network Specification
- SMS/Email Integration
- Team

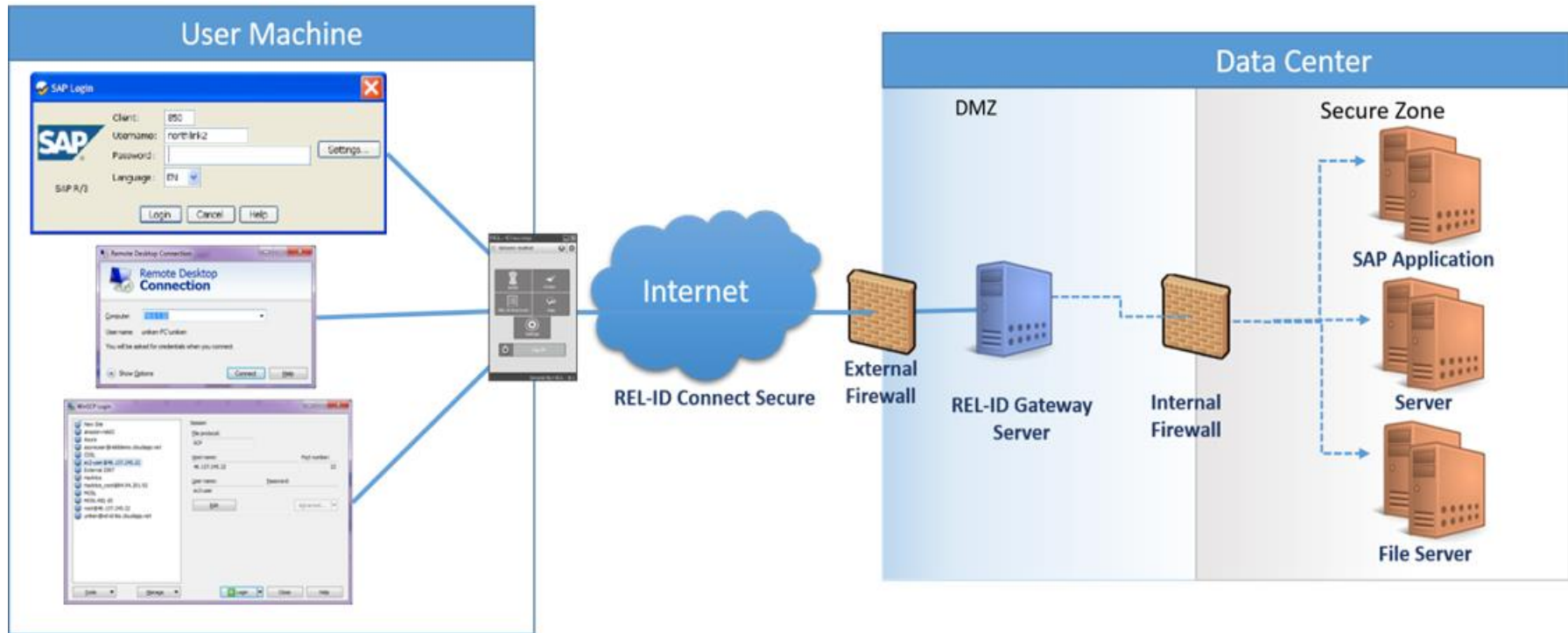
Scope

The scope of work includes **REL-ID ConnectSecure** solution for the following use cases/applications:

- Secure **SAP** Applications access over the LAN/WAN through the SAP thick client

The solution will be enabled for **150** User Concurrency

Typical Deployment Architecture



Hardware Specification

Server	Quantity	Minimum Specifications	Location
REL-ID Gateway Server, Application &	1	Xeon equivalent processor with Quad cores, 8 GB RAM, 50GB (usable) RAID 5 disk, 2 NIC Cards up to 1GBPS speed	DC

Note:

The above mentioned hardware requirement is for DC only. A similar setup will be required in case DR is required.

Other Notes on Hardware Sizing:

The hardware sizing is done considering 150 concurrent users. Allied hardware requirements such as switches, cables etc. shall be provided by Mahindra.

TYPICAL Configurations

- No of device to be allowed per UserId
- REL-ID session time-out
- Number of temporary and permanent devices to be allowed
- Email Integration for sending One Time Activation and Verification key
- Configurable SMS/Email/REL-ID OTP during Secondary device activation
- Enforce password policy with option such as
 - No of characters
 - Define no of numeric/alphanumeric/Special Characters
 - Password expiry
 - Password History

Network Specification

Source	Destination	Port	Remarks
Public Internet	REL-ID Gateway Server	443	To accept connections from REL-ID Clients over internet
REL-ID Gateway Server	Application Servers	80/443*	*or the port on which the web application serves the http/(s) requests
REL-ID support machine	REL-ID Gateway Server	22/443	22 : SSH for monitoring / configuration 443 : REL-ID
REL-ID Gateway Server	REL-ID App DB server	5432, 9080, 8080, 2080, 7080	5432 : DB port Others : REL-ID Service ports
REL-ID support machine	REL-ID App DB server	22, 8080	22 : SSH for monitoring / configuration 8080 : Initial configuration to access REL-ID Admin console

SMS/Email Integration

REL-ID user activation credentials can be sent using **SMS or Email or both**.

For **SMS Integration** we need the following:

- SMS Gateway
- Access to centralized database with mobile number of all users.
- Network firewall
- REL-ID pre-requisites:
 - SMS Gateway url with access from REL-ID application server.
 - Access to centralized database for fetching the mobile number based on user-id.

For **Email Integration** we need the following:

- SMTP server for Email
- Access to centralized database with email-id of all users.
- Network firewall
- REL-ID pre-requisites:
 - Email account to send emails with credentials
 - Access to centralized database for fetching the email-id based on user-id.

Project Plan

Fill pre-requisites document	Uniken/Customer				0	Pending		
Finalize on Deployment Architecture configuration, firewall request	Uniken/Customer				0	Pending		
AD Integration	Uniken/Customer				0	Pending		
Login Integration	Uniken/Customer				0	Pending		
Integration with Out of band Channel (SMS / Email)	Uniken/Customer				0	Pending		
REL-ID policies (PIN / Device Binding limitation etc..)	Uniken/Customer				0	Pending		
Sign off on Deployment Architecture and firewall request	Customer				0	Pending		
Discuss on RELID hosting on mobile stores/on a server location	Uniken/Customer				0	Pending		
Raise request for any Certificate procurement (SSL/ MSI signing)	Uniken/Customer				0	Pending		
Share stationary details for customization	Uniken/Customer				0	Pending		
Feature verification in existing product	Uniken				0	Pending		NA
Raise feature request with Uniken	Uniken				0	Pending		NA
Prepare test cases	Uniken				0	Pending		NA
Verify hardware provided	Uniken/Customer				0	Pending		NA
Verify Firewall rules	Uniken/Customer				0	Pending		NA
Verify mobile stores account creation	Uniken/Customer				0	Pending		NA
Verify Certificate procurement (SSL/ MSI signing)	Uniken/Customer				0	Pending		NA
Verify Integration components	Uniken/Customer							
-Provide SMS / Email Gateway details to Uniken Team for Advisory (with necessary configurations so that Uniken Application can send SMS / Email								
- Master Data for identified users								
- Mirror database of users to be shared with Uniken					0	Pending		NA
Server Setup and Installation	Uniken				0	Pending		NA
Configure applications	Uniken				0	Pending		NA
AD Integration and configuration	Uniken				0	Pending		NA
Login Integration	Uniken				0	Pending		NA
Integration with Out of band Channel (SMS / Email)	Uniken				0	Pending		NA
Configure REL-ID policies (PIN / Device Binding limitation etc..)	Uniken				0	Pending		NA
Prepare operation/Deployment manual/Help/FAQ/Importance of application (Email pitch)	Uniken				0	Pending		NA
Internal End to End testing	Uniken				0	Pending		NA
Share final operation/Deployment manual with customer	Uniken				0	Pending		NA
Confirmative testing by Customer	Customer				0	Pending		NA
On boarding of first 5 customers Internal + External	Uniken				0	Pending		NA
VA fixes (if any)	Uniken				0	Pending		NA
Signoff from customer	Uniken/Customer				0	Pending		NA
Verify hardware provided	Uniken/Customer				0	Pending		
Verify Firewall rules	Uniken/Customer				0	Pending		
Verify mobile stores account creation	Uniken/Customer				0	Pending		
Verify Certificate procurement (SSL/ MSI signing)	Uniken/Customer				0	Pending		
Verify integration Components	Uniken/Customer							
-Provide SMS / Email Gateway details to Uniken Team for Advisory (with necessary configurations so that Uniken Application can send SMS / Email								
- Master Data for identified users								
- Mirror database of users to be shared with Uniken								
- Branding Stationary (if any)					0	Pending		
Server Setup and Installation	Uniken				0	Pending		
Configure applications	Uniken				0	Pending		
AD Integration and configuration	Uniken				0	Pending		
Login Integration	Uniken				0	Pending		
Integration with Out of band Channel (SMS / Email)	Uniken				0	Pending		
Configure REL-ID policies (PIN / Device Binding limitation etc..)	Uniken				0	Pending		
Prepare operation/Deployment manual/Help/FAQ/Importance of application (Email pitch)	Uniken				0	Pending		
Internal End to End testing	Uniken				0	Pending		
Confirmative testing by Customer	Customer				0	Pending		
On boarding of first 5 customers Internal + External	Uniken				0	Pending		
Signoff from customer	Uniken/Customer				0	Pending		
Prepare Escalation Matrix	Support				0			
Handover to support	Support				0			

Application Onboarding

Application Name	Application short description	Application Owner/SPoC	Type of application (Thick Client/Thin Client)	Total no of user	User concurrency	Group Name	Application IP/Port/Domain name	Application URL	Application Test Creds	Form Factor (Desktop/Mobile)	Platform supported
Application1	Used to interact with employees	Manoj	Thin	50	50	Group1	application1.service.com:443		testuser	Desktop	Windows

THANK YOU

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For more information, write to info@uniken.com

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