

New Voice XML Phone Configuration for Alcatel Instant Communications Suite (ICS)

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1. Configuring the New Voice XML phone application

1.1 First Initialisation

Whenever the New Voice web is installed or the XML phone application has been updated, a (re-)initialisation must be carried by entering the following commands in the command line:

```
> cd /d d:\nv_web\nvapps\nvxmlphone
> app\console nvxmlphone:init
```

This operation will (re-)initialise the XML phone database and generate/update the file **nvxmlphone.ini**.

2. Configuring the Alcatel ICS

The New Voice XML phone application requires access to:

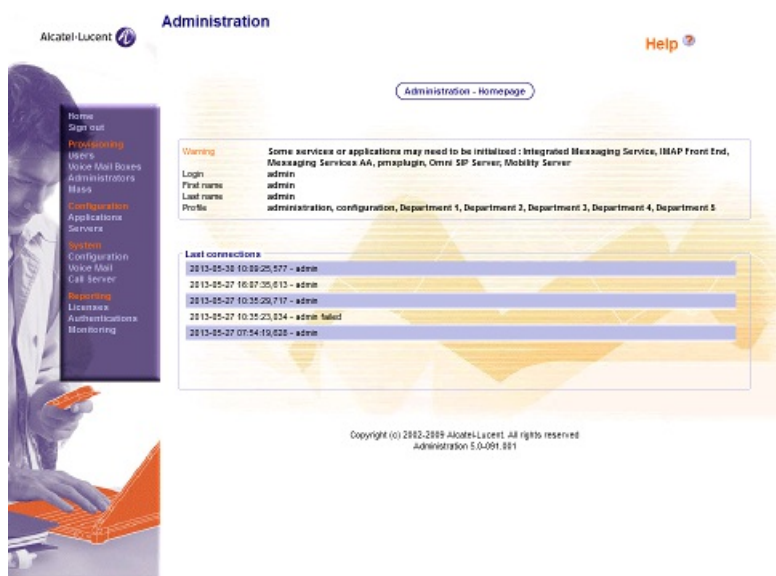
- To the Alcatel ICS on which the PRS (PResentation Server) is running

2.1 Accessing the Alcatel ICS

Log-in to "Cisco Unified CM Administration". The URL will be something like:

```
https://<ICS-Server>/WebAdmin
```

After successful authentication with a correct login and password the main screen is shown.



2.2 Creating the New Voice Alarm Service

Select "Servers" from the left menu.



Mass

Configuration

Applications

Servers

System

Configuration

Voice Mail

Call Server

Reporting

Licenses

Authentications

Monitoring

Create

Associated server(s)

Display name *

IPDN

IPDN

Actions

No element found

Create

reverse proxy, URL mapping

private URL identifier

public URL

APIFramework

Advanced Communication Server

Device Management Server

Event Server

Second Event Server

Apply

for 6 servers topology only

Click on the triangle icon ("Topology management") in the "Actions" column.

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Administration

Help

Topology management - Services list

Services list(AS primary)

Create

Display name	Port	Service type *	Actions
Media Server		Media Server	View Modify Configure
Media Server Module	9759	Media Server Module	View Modify Configure
Open Telephony Server	9763	Open Telephony Server	View Modify Configure
PCX Management	9757	PCX Management	View Modify Configure
Presentation Server	2816	Presentation Server	View Modify Configure
SQL Server	2838	SQL Server	View Modify Configure
Smart Presentation Server	88	Smart Presentation Server	View Modify Configure
Unified Login	443	Unified Login	View Modify Configure
Universal Directory Service	9758	Universal Directory Service	View Modify Configure
Voicemail Server	44327	vo	View Modify Configure
Omni SIP Server	44326	om	View Modify Configure

Online Help

Actions

Click on the pictures to :

View

Modify

Configure

Configure unconfigured topology

Search for the "Presentation Server" entry and click on the wrench icon ("Configure") in the "Actions" column.

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Administration

Help

PRS Application Management - Presentation Server

Global parameters

Cancel

Previous

Next

Finish

Online Help

Name or IP address used for application connection

Port number used for application connection

User name for proxy connection

Password for proxy connection

Authentication method used by proxy

CA (Certificate Authority) path and file name known as behavior by the PRS

Path and file name of PRS client certificate

PRS client certificate format

Path and file name of private key associated to PRS client certificate

Private key file format associated to PRS client certificate

Private key password associated to PRS client certificate

Click on "Next".

Alcatel-Lucent

Administration

Help

PRS Application Management - Presentation Server

Results

Cancel

Previous

Next

Finish

Online Help

Index	Identifier	URL registration	Std
1	MY_M	http://ica.newvoice.ch/icsone/typemanager	View Modify Configure
2	MY_A	http://ica.newvoice.ch/icsone/typemanager	View Modify Configure
3	MY_P	http://ica.newvoice.ch/icsone/typemanager	View Modify Configure
4	MY_T	http://ica.newvoice.ch	View Modify Configure



Configuration		Wipe Mail		Cell Server	
Reporting	Licenses	Authentication	Monitoring		


Actions

Click on the picture to modify

Click on "Create" and complete the form by entering the following information:

- Index *(must be a free application index number)*
- Identifier:
NV_A
- URL registration:
http://<MobiCall Server>/nvxmlphone/sys/alcatel/register
- Registration URL param *(keep default value)*:
(empty)
- Register Scan Period / Config Scan Period *(same value for both fields, keep default value)*:
60
- Notification Scan Period *(defines responsiveness to alarms, smaller values means faster reaction but also more load to the Mobicall server)*:
10
- HTTP time out *(keep default value)*:
120
- State synchro all period *(keep default value)*:
86400
- State delta period *(keep default value)*:
10
- Inactivity timeout *(keep default value)*:
300
- Pop Up Time Out *(keep default value)*:
60
- Keep Alive Count max *(keep default value)*:
5
- User authentication / password authentication *(same value for both fields, keep default value)*:
(empty)
- User method authentication *(keep default value)*:

BASIC



Administration

Help

PRS Application create - Presentation Server

Application parameters

Index:

Identifier:

URL registration:

Registration URL param:

Register Scan Period:

Config Scan Period:

Notification Scan Period:

HTTP time out:

State synchro all period:

State delta period:

Inactivity timeout:

Pop Up Time Out:

Keep Alive Count max:

User authentication:

password authentication:

User method authentication:

Online Help

HTTP request re-emption period towards the URL register in the event of non-response (in seconds)

HTTP request re-emption period towards the URL config in the event of non-response (in seconds)

Request recovery period for notification (in seconds)

Period at the end of which HTTP request is abandoned (in seconds)

HTTP request re-emption period of all the PRS stations relative towards the application (in seconds)

Minimum duration between two requests containing the stations status (in seconds)

Maximum duration of inactivity in a session before closing it automatically (in seconds)

View default duration of a popup notification (in seconds)

Number of requests towards the URL config list before declaring the application out of service (in seconds)

User name authentication at time of connection to the application

Password authentication at time of connection to the application

Authentication method at time of connection to the application



Click on "Create".

Alcatel-Lucent Administration Help

PRS Application Management - Presentation Server

Results

Index	Identifier	URL registration	Edit
1	MY_M	http://ica.newvoice.ch/ecommerce/rymessage.php	
2	MY_A	http://ica.newvoice.ch/ecommerce/rymessage.php	
3	MY_P	http://ica.newvoice.ch/ecommerce/rymessage.php	
4	MY_T	http://ica.newvoice.ch/ecommerce/rymessage.php	
5	MY_J	http://ica.newvoice.ch/ecommerce/rymessage.php	
6	MY_A	http://ica.newvoice.ch/ecommerce/rymessage.php	

Online Help Actions

Click on the picture to modify

Create

Cancel Previous Next Finish

Click on "Next".

Alcatel-Lucent Administration Help

PRS Call Server Nodes Management - Presentation Server

global parameter

QoS 0 QoS marker transmitted in the IP protocol packets

Results

Name	IP address	Port	Edit
Smart Presentation Server	192.168.28.20	2576	
ca	192.168.28.11	2576	

Online Help Actions

Click on the picture to modify

Create

Cancel Previous Next Finish

Click on "Next".

Alcatel-Lucent Administration Help

PRS License Terminal Management - Presentation Server

Results

Terminal Identifier	Reservation Number	Edit
No element found		

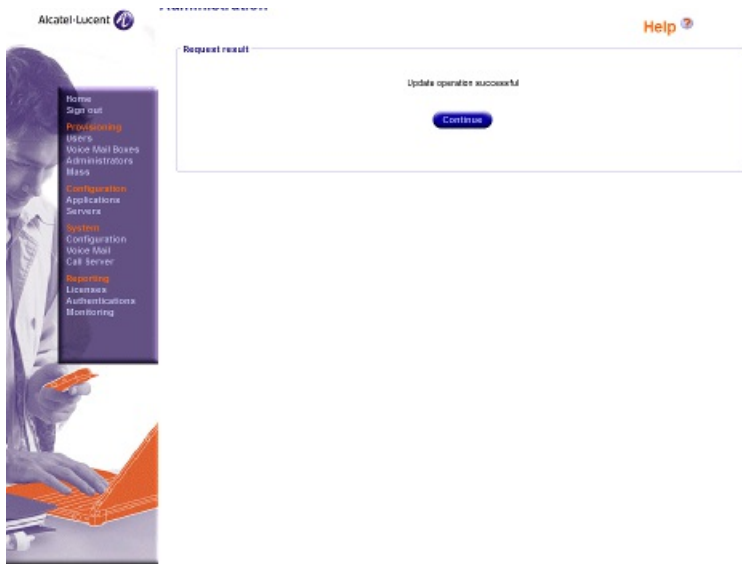
Online Help Actions

Click on the picture to modify

Create

Cancel Previous Next Finish

Click on "Finish".



Click on "Continue".

The Alcatel Presentation server will now start communicating with the MobiCall server.
This can be verified by having a look into the Apache access log file
"nvwsvr_web7_access_YYYYMMDD.log" on the MobiCall server.

3. Testing the New Voice XML Phone Application

3.1 Accessing the Phone Alarm List

3.2 Executing an XML Phone Text Alarm

3.3 Executing an XML Phone Image Alarm

3.4 Executing an XML Phone Camera Alarm

3.4 Executing an XML Phone Application Alarm

This alarm type is currently not supported