

Administrators Guide

telisca Delog-Relog



Version: 4.X

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HELP

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1 Presentation Product

telisca Delog-Relog is a management tool for Cisco Unified Communications Manager. It is useful tool for companies that are using Extension mobility across their Cisco phones.

telisca Delog-Relog can be used to log out and log back in all IP Phones of the company. It may be necessary to force all phones to log out either daily for security issues, either once to perform any maintenance on the IP Phones. Indeed, a number of configuration changes are taken into account for IP Phones. Moreover, if the Tomcat server that is running CallManager Extension Mobility is stopped, you lose the context of the last entered login and the user must re-enter their login.

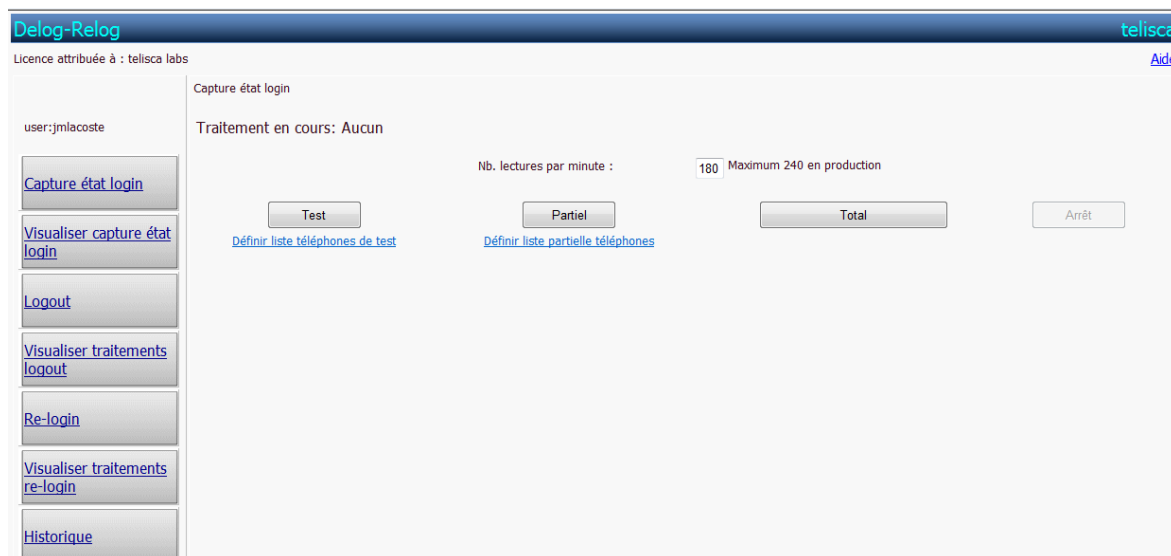
Previously, the application will eventually record what user was logged on the computer and with what phone profile (device profile). It is thus possible to log in again to the same positions if necessary, manually or at a fixed time.

It is possible to define hours of status capture on login to the IP Phones. It is possible to set a time for a list of IP Phones will be logged out, then an hour from which they will login automatically. This can be applied to all IP Phones, a list provided in a file or set of IP Phone least one list of exclusions provided in a file.

Delog-Relog can also be used for maintenance by triggering manually recording the state positions who are logged in the phone and later in the locating of identifying.

All treatment results are stored in files synthetic trace, accessible from the interface Delog-Relog.

The administration interface and processing Delog-Relog is protected by password login, relying on the security of Windows and optionally Active Directory Web interface.



Delog-Relog can be applied to all items or a subset defined in particular in relation to the device pools or a list in a text file.

Delog-Relog relies on AXL SOAP Cisco Unified Communications Manager. He makes sure not to exceed the number of read and write advisers by Cisco, including when running in production.

2 Pre-requisites, installation

For more information, please read the common requirements for all telisca apps in [IPS Framework Administration Guide](#)

Supported Cisco CUCM:

Supported Cisco CUCM:

- CUCM version 10.5, 11.5, 12, 12.5, 14, BE 6000, BE 7000

Available on private cloud company.telisca.cloud

On premise installation:

Windows servers supported:

- Windows Server 2012 R2 Essentials or Standard
- Windows Server 2016 Essentials or Standard
- Windows Server 2019 Essentials or Standard
- Minimum configuration: 1 vCPU, 4GB RAM, 70GB disk
- Virtual Machine VMware vSphere, Hyper-V or Cisco UCS, Cisco UCS-E

3 Administration

3.1 Framework prerequisite configuration

Morning Check needs minimal configuration of framework (framework configuration screens are available from "Menu/Global Config."):

- CUCM Config. (Administration guide IPSCFG_ADMIN_EN.pdf chapter 4.1)
- Parameters (Administration guide IPSCFG_ADMIN_EN.pdf chapter 4.3)
- CTI Config. (Administration guide IPSCFG_ADMIN_EN.pdf chapter 4.8.)
- Config. Email (Administration guide IPSCFG_ADMIN_EN.pdf chapter 4.6)

3.2 RELOG configuration

Once you have added the valid license, then you can be access via the tab 'Delog-Relog', then 'Settings Delog-Relog' screen in a specific setting.

The screenshot displays the 'DELOG-RELOG Parameters' configuration page in the Telisca web interface. The page is titled 'Home / Delog-Relog / DELOG-RELOG Parameters' and includes 'Cancel' and 'Save' buttons. The configuration options are as follows:

- Enable manual Logout function:
- Execute only on registered IP Phones:
- Daily login capture / Delog: Save login status & logout (last time)
- IP Phone selection mode: All IP Phones
- Time(s) to capture & Delog (hh:mm): 14:30, 14:35
- IP Phones file path: Delog_relog_output.txt (Choose file) No file chosen
- Enable relog at defined time:
- Relog time (hh:mm): 08:00
- Nb. AXL read per mn (default): 180
- Nb. AXL writes per mn (default): 20
- Logs and configuration files history retention (days): 20

Enable manual logout function

By checking the box 'Enable function logout' button activates the 'Logout' in the UI Delog-Relog. This can trigger the logout extension mobility 'of all IP Phones, or part.

Execute only on registered IP Phones

Delog-Relog is based on the list of IP Phones loaded in the setup CUCM. It is possible or not to treat unregistered phones. Indeed, when they are re-registered they resume their login state mobility.

Daily login capture / Delog

For safety reasons, in case of accidental loss of login, you can save automatically at a given state of login in again to the posts after the incident earlier.

IP Phone selection mode

You are able to select from the following to use this service 'All ip phones', 'File of IP phones to logout' or 'File of IP phones NOT TO logout'

Time(s) to capture & delog (hh :mm)

It is possible to automatically log out a list of IP Phones at a scheduled time.

IP Phones file path

This list consists of a text file containing an IP Phone by line in the first column. It may have been established by setting a partial list in Delog-Relog. The text file is on the server Delog-Relog in the c:\inetpub\wwwroot\TASC\data.

Enable relog at defined time & relog time (hh :mm)

By enabling this option, users that have been logged out via delog will be logged in at the specified time stated.

AXL read & write per mn (default)

The operations performed by Delog-Relog rely on AXL SOAP API CallManager. It does not take too much stress on API in production and won't affect the operation of CallManager. The number of writes AXL SOAP is further limited by CallManager. The maximum recommended value in production is 60 this value must be less than the value defined in CallManager Administration (take a small margin). This is defined in the Service Parameters, 'DataBase Layer', 'Advanced', 'Num. Write AXL per minute'.

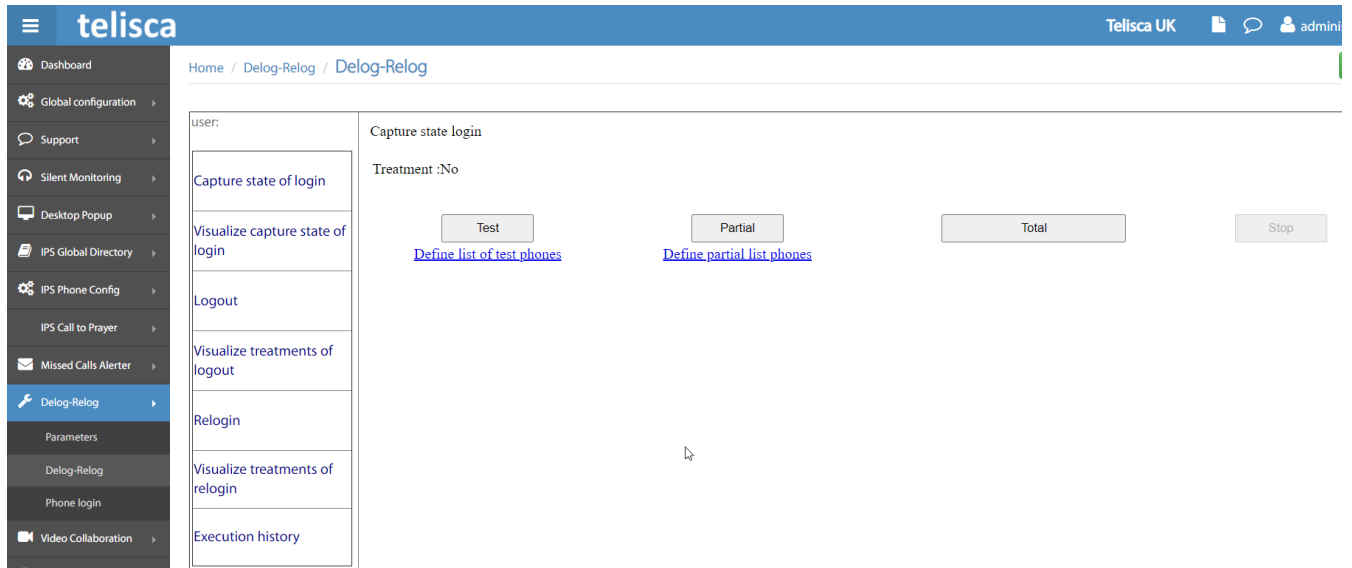
The default values are 180 readings and 20 entries, the maximum values recommended in production of 300 readings and 60 writings. Out of production, it is only limited by the power of the server however.

Log and configuration file history retention days

You can stipulate how long you would like history to be stored for.

4 User Interface Delog-Relog

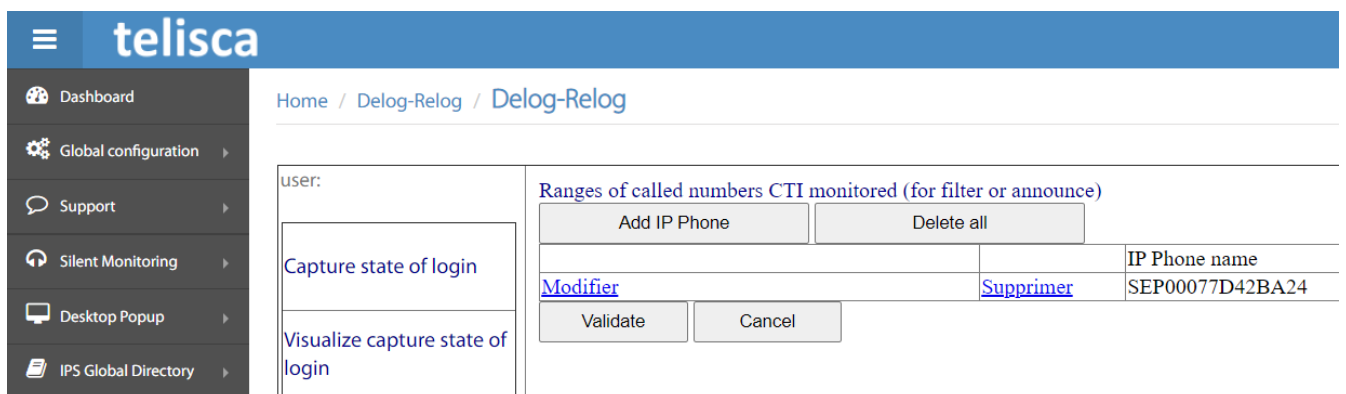
The user interface is accessible from the following URL <http://xxx.xxx.xxx.xxx/TASC/Relog> , it triggers a Windows authentication. The login must be seized from the "administrators" group on the server to access Delog-Relog.



4.1 Definition target list

The first step is to define a list of IP Phones on which will treatment. You can define a list of few test phones whose identifiers (SEPXXXXXXXXX) are entered in a grid.

It is possible to load a partial list from a text file containing the list of identifiers of telephones (one per line). It is also possible to form this list by adding IP Phones according to their device pool. Depending on the setting in the administration, all phones will be added to the list by Device pool or just those who are registered to the CallManager.

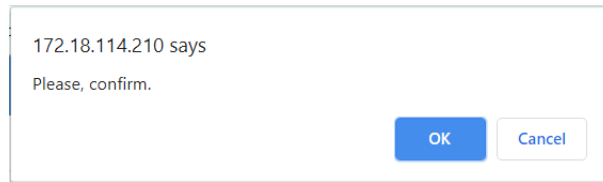


Some of the labels are in French

- Modifier - edit
- Supprimer - remove
- Mettre à jour Annuler - Update or Cancel

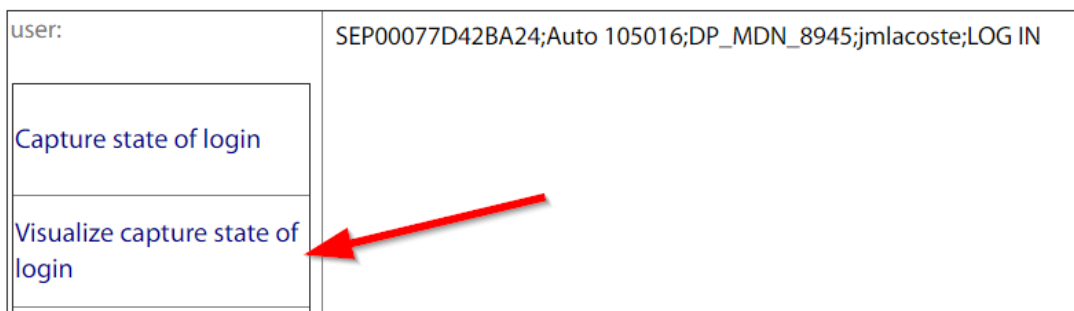
4.2 Capture state login ip phones

We can launch the capture by clicking the corresponding button for the desired list.



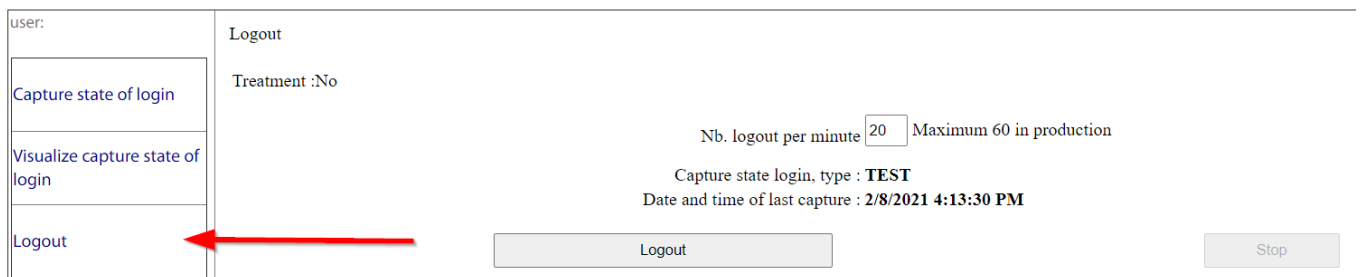
The result is stored in a text file in c:\inetpub\wwwroot\TASC\data\, identified by the backup time and with the prefix PhonesStatus_ (TEST | SHARE | PROD) according to the selected list (Test, Partial or Total). The display shows the phone number of treaties to treat total number, it is updated every 4 seconds.

Visualize capture state of login



One can visualize the result of the capture (PhonesStatus file). This file contains the following information (separated by ';'): IP Phone identifier; IP Phone description; device profile; CallManager login (userid); login state (LOG IN).

4.3 Delog IP Phones



This screen can trigger the logout of all IP Phones on which captured the state of mobility login (PhonesStatus). Beware, if you create or edit a file manually, be aware that Delog-Relog is based on the creation date of the file to select the last file status. The screen displays the number of IP phones treaties on the total number and the number of errors.

We can then view the result of processing Delog. Each line has the same information as PhonesStatus, followed by treatment outcome Delog.

user:	SEP00077D42BA24;Auto 105016;DP_MDN_8945;jmlacoste;LOG IN LOGGED OUT SUCCEEDED
Capture state of login	
Visualize capture state of login	
Logout	
Visualize treatments of logout	



4.4 Relog IP Phones

user:	Re-login
Capture state of login	Treatment :No
Visualize capture state of login	Nb. login per minute <input type="text" value="20"/> Maximum 60 in production
Logout	Capture state login, type : TEST
Visualize treatments of logout	Date and time of last capture : 2/8/2021 4:13:30 PM
Relogin	<input type="button" value="Re-login"/>



The screen 'Relog' can trigger the login of all IP Phones on which captured the state of mobility login (PhonesStatus). Beware, if you create or edit the file manually, be aware that Delog-Relog is based on the creation date of the file to select the last file status.

The display shows the number of IP Phones treaties on the total number and the number of errors. An error can occur especially if the IP Phone, login (userId) or device profile are more defined. An error can also occur if the IP Phone is already logged.

We can then view the result of processing re-login. Each line has the same information as PhonesStatus, followed by treatment outcome Delog.

user: SEP00077D42BA24;Auto 105016;DP_MDN_8945;jmlacoste;LOG IN

Capture state of login
Visualize capture state of login
Logout
Visualize treatments of logout
Relogin
Visualize treatments of relogin



4.5 Screen : History

[Home](#) / [Delog-Relog](#) / [Delog-Relog](#)

user:

Capture state of login
Visualize capture state of login
Logout
Visualize treatments of logout
Relogin
Visualize treatments of relogin
Execution history

History
Automatic phone list Delog result

<select>

<select>

DelogStatus_210208_155217.txt

DelogStatus_210208_155440.txt

PhonesStatus_PART_210204_153434.txt

PhonesStatus_PROD_210208_155845.txt

PhonesStatus_TEST_210204_142244.txt

PhonesStatus_TEST_210208_154128.txt

PhonesStatus_TEST_210208_154416.txt

PhonesStatus_TEST_210208_155207.txt

PhonesStatus_TEST_210208_155401.txt

PhonesStatus_TEST_210208_161329.txt

RelogStatus_210208_155248.txt

RelogStatus_210208_155513.txt

This screen allows you to select via a drop-down list:

- A capture previously conducted via the file name (TEST, PART or PROD (total) followed by the date and time) and display the details in text format.
- Treatment Delog previously performed via the file name (TEST to PROD followed by the date and time) and display the details in text format.
- Treatment re-login previously performed via the file name (TEST to PROD followed by the date and time) and display the details in text format.

5 Phone Login

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- Dashboard
- Global configuration
- Support
- Silent Monitoring
- Desktop Popup
- IPS Global Directory
- IPS Phone Config
- IPS Call to Prayer
- Missed Calls Alerter
- Delog-Relog
- Parameters
- Delog-Relog
- Phone login

Home / Delog-Relog / Reports

Search by:

Phone name (SEPXXXXXXXXXX)	Description	Line number	Type	User ID
SEP00077D42BA24	Auto 105016	231103	Cisco 8941	jmlacoste
SEP0026CBA839EC	Auto 105023	105023	Cisco 6941	...
SEP0123456789AB	SEP0123456789AB		Cisco 7942	...
SEP1CDEA7837E61	NPH PHONE	700	Cisco 8841	...
SEP2834A2821323	Auto 105005	105005	Cisco 8861	...
SEP2834A2F6B941	SEP2834A2F6B941	105045	Cisco DX650	...
SEP2C3ECF86DA3B	NPH PHONE	703	Cisco 7841	...
SEP2C3ECF86DADE	Ben 7841	780	Cisco 7841	...
SEP2C3ECF86DBF3	NPH PHONE	704	Cisco 7841	...
SEP44ADD9BD2776	Auto 105034	105034	Cisco 6921	...
SEP5C5015A8964A	Auto 105010	10501010	Cisco 8961	...
SEP60735C115338	Auto 105022	105022	Cisco 6941	...
SEP6C998984860E	SEP6C998984860E	\+32148759841	Cisco 7965	...
SEP8C04BA80B5F8	Ben IP communicator	777	Cisco IP Communicator	...
SEP9CEBE82444DF	CIPC CUCM105	610006	Cisco IP Communicator	...
SEPA41875F1A76A	Auto 105011	\+105011	Cisco 6961	...
SEPA80C0DA89E88	NPH PHONE	702	Cisco 7821	...

The phone login selection allows you to search the CUCM by Line number, Phone name or description.

Then by selecting the phone, you can manually log a user in, by inputting a user which is associated to that device hitting 'get device profile' then selecting that profile and clicking on 'connect':

Home / Delog-Relog / Phone login

SEP8C04BA80B5F8

Extension Mobility status: Not logged

User:

Device profile:

When logged in, you get the option to 'disconnect' the user too.

Home / Delog-Relog / Phone login

SEP00077D42BA24

Extension Mobility status: Logged with jmlacoste