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Test case #13891 CHCT_TIME-CLIENT_ITI1

Test Summary

Keyword :	CHCT_TIME-CLIENT_ITI1_CTS	**Type :**	conformity assessment
Name :	CHCT_TIME-CLIENT_ITI1	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	vhofman	**Verified by :**	**Not verified**
Date of last	2024-01-26 16:19:17.31739 by vhofman		

Short Description : Synchronize a system with a public NTP server on Swiss time

Test Description

Description

This tests synchronization on Swiss time between your test system and external system that serves as an NTP server.

Instructions

To run this test, follow these steps:

1. Configure your system to synchronize time with a public NTP server on the Swiss time.
2. Use a web browser to find a web server that will display the current Swiss time.

    - https://time.is/fr/Zurich,_Zurich
    - Or https://www.time.gov that is a US server, Time zone must be adapted (UTC+1 in winter time, UTC+2 summer time).
    - Both are synchronized with atomic clocks

3. Execute a "clock" program on your host system that shows the time on your system.

    - On a Windows system, this can be done by selecting the "time" in the lower right tray.
    - On a Unix system: xclock –digital –update 1

4. Perform a screen capture that shows both the web browser display and your system clock. These should show the same time.

    1. Name the screen capture <system>_CT_Time_Synchro_NTP.<ext> where

        - *system* is the name of your system as found in the registration tools
        - ext is the proper file extension (jpg, png etc.)

    2. Upload this screen capture into Gazelle as the test results file.

5. Mark the test "to be verified". Be ready to show in live the synchronization to a monitor.

Evaluation

1. Correct time synchronization on the screen capture.
2. The monitor observes your synchronization. It must have less than one second delay.

Test Participants

Role in test : CH_CT_TIME_CLIENT (SUT)	Option : R	Nb of instances : 1

Actor	Profile	Option
TIME_CLIENT	CH:CT	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_CT_TIME_CLIENT	CH_CT_TIME_CLIENT		None	No	Required	

[EVIDENCE] Synchronize your system, upload the screen capture in this step.

Sequence Diagram