Using the NTP client in the M580 with the SNTP server in the connexium switched

North Andover
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The purpose of this presentation is to configure NTP client in the M580, utilizing the SNTP server functionality of the Connexium switches.
Configuration of the connexium as NTP server

The connexium Manages Switches must be set to have the Time synchronization enabled. This is accomplished by using the Web interface to configure the switch.

- Scan the network using the Ethernet Switch configurator (2.2.5)
- Login to the switch using the credentials admin/private
- Lunch the web page after adjusting the LAN
Configuration of the connexium as NTP server

- Set the IP address, in the basic settings, choose network
- Click on Set and Reload after

- Highlight time
- Set time from PC if no external server is available for Synchronization, if you have an external server set it's IP address in the Time Source field.
- Select set
- Select reload
Configuration of the connexium as NTP server

- Under Time, select SNTP
- set the configuration ON
- set and reload
Configuration of the M580 as NTP client

- Under RIO DIO communicator head, click on Channel 0 and click on tab NTP
  -- Select the M580 as NTP client
  -- configure the NTP server IP address (connexium)
  -- build and transfer to the M580
  -- lunch the embedded web page 192.168.10.1
Configuration of the M580 as NTP client

Service status

The service is running properly
Configuration of the M580 as NTP server

- Under the tab NTP, choose NTP server
- The NTP server IP address is the IP address A of the M580 192.168.11.1

The Server initialized his time by synchronization of the time with the CPU
Configuration of the M580 as NTP server