

NOKIA

Nokia Learning Connectivity Test

Lab Access Cloud Connection Test Tool

NOKIA

This document describes, how to check the connection quality to NokiaEDULabs

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Connectivity Test Requirements

Please ensure the following is in place:

- Browser should be HTML5 capable (Firefox, Internet Explorer (compatibility mode must be disabled) \geq v10, Safari, Opera, Midori etc.)
- The test must be executed from source location, in other words; the same network and if possible the same room which the event(s) will be hosted in. .



Starting the Nokia Learning Connection Test

To execute the connectivity test, please visit:

<https://tsp.networks.nokia.com>

As the site opens, you will find a dropdown box.

For an overall test, you should select the option “All Nokia Learning Training Labs” which should start the connectivity test automatically.

Other more selective tests are available in the dropdown box if you wish to test all possible routes to a single training lab.

The screenshot displays the Nokia Connection Test web application. At the top, the NOKIA logo is prominently featured in white on a dark blue background, with the text 'Nokia Connection Test' below it. To the right, there are two navigation buttons: 'home' and 'remote access lac'. The main content area has a white background with the heading 'welcome to nokia connection test' and a sub-heading 'Use **Nokia Connection Test** to test the connection quality to Nokia Learning Training Labs.' A dropdown menu is open, showing a list of training labs: 'All Nokia Learning Training Labs' (which is selected and highlighted in blue), 'Antwerp Training Lab', 'Warsaw Training Lab', 'Naperville Training Lab', 'Beijing Training Lab', 'Dallas Training Lab', 'Taipei Training Lab', 'Espoo Training Lab', and 'Shanghai Training Lab'. At the bottom of the page, there is a copyright notice: '© All rights reserved. Design by Nokia Learning Team' and a link to 'Legal'.

welcome to nokia connection test

Use **Nokia Connection Test** to test the connection quality to Nokia Learning Training Labs.

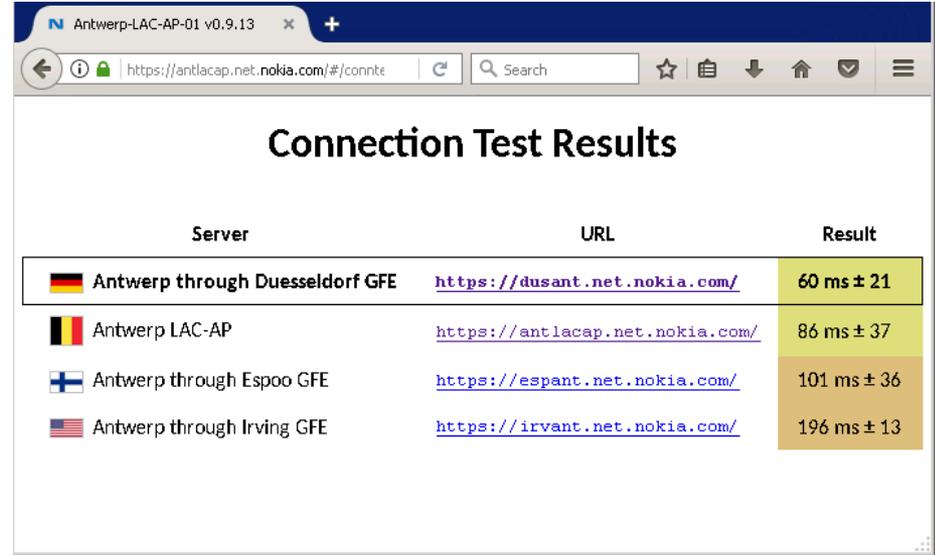
All Nokia Learning Training Labs

Understanding the results

When the connection test completes, you will find a list of all assigned Access Points to Nokia Learning Training Lab(s) you selected. The list will be sorted placing the fastest responding Access Point at the top. The test on the right, shows the test result to Nokia Learning Lab in Antwerp. Note the flags indicate in which country the Access Point is located. The column in the middle provides links connecting you to your desired training lab.

Note also in the “Results” column you will see the average latency.

Color codes are used to indicate the different connection quality levels, see next slide...



Server	URL	Result
 Antwerp through Duesseldorf GFE	https://dusant.net.nokia.com/	60 ms ± 21
 Antwerp LAC-AP	https://antlacap.net.nokia.com/	86 ms ± 37
 Antwerp through Espoo GFE	https://espant.net.nokia.com/	101 ms ± 36
 Antwerp through Irving GFE	https://irvant.net.nokia.com/	196 ms ± 13

Color Codes

Server	URL	Result
Duesseldorf GFE to Warsaw	https://duswar.net.nokia.com/	10 ms ± 3
Espoo GFE to Warsaw	https://espwar.net.nokia.com/	163 ms ± 21
Beijing GFE to Warsaw	https://beiwar.net.nokia.com/	206 ms ± 5
Singapore GFE to Warsaw	https://sinwar.net.nokia.com/	231 ms ± 12
Curitiba GFE to Warsaw	https://curwar.net.nokia.com/	289 ms ± 20
Warsaw LAC Access Point	https://warsaw-lab.ext.net.nokia.com/	Unavailable

Green: No problems related to connectivity.

Yellow: No problems related to connectivity. A little more latency but it should not have a noticeable effect.

Orange: The connection is good, but it may sometimes feel a little sluggish.

Red: You are likely to experience moderate to severe connectivity problems including occasional timeouts and disconnects. User experience will not be optimal; proceed at your own risk.

Black: No or very poor connectivity. Even if you have connectivity you will definitely experience problems including frequent timeouts and disconnects. Do not proceed.

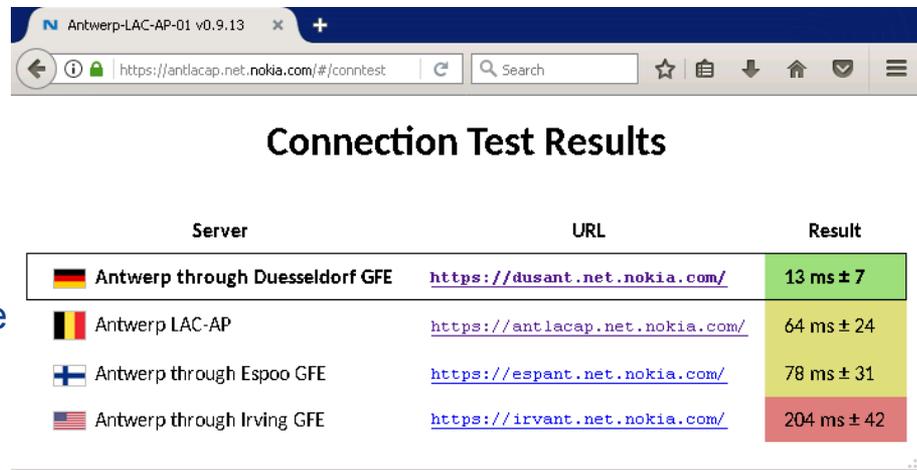
Interpreting the Results

Only Nokia Learning Labs that are displayed in green, yellow or orange are usable for any upcoming events.

Red and black listed sites will definitely cause trouble and the Trainer will **not** be able to run the event.

Example: As you can see on the right, the connection test was started in Germany. All assigned Access Points to Antwerp Training Lab are fast enough to run an event, even the Access Point in Irving/USA.

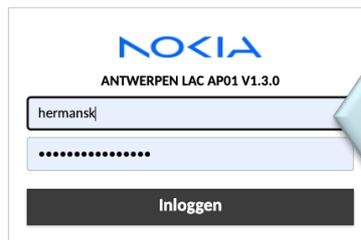
In this example it is recommended to use any of the top 3 Access Points, however in extreme situations the 4th options would also work with some expected delays and possible instability.



The screenshot shows a browser window with the URL <https://antlacap.net.nokia.com/#/conntest>. The page title is "Connection Test Results". Below the title is a table with three columns: "Server", "URL", and "Result".

Server	URL	Result
 Antwerp through Duesseldorf GFE	https://dusant.net.nokia.com/	13 ms ± 7
 Antwerp LAC-AP	https://antlacap.net.nokia.com/	64 ms ± 24
 Antwerp through Espoo GFE	https://espant.net.nokia.com/	78 ms ± 31
 Antwerp through Irving GFE	https://irvant.net.nokia.com/	204 ms ± 42

Click to run [Run Speedtest](#) or visit [Lab quick start guide](#)



The screenshot shows the Nokia login page for "ANTWERPEN LAC AP01 V1.3.0". It features the Nokia logo at the top, followed by the text "ANTWERPEN LAC AP01 V1.3.0". Below this is a login form with two input fields: the first contains the text "hermanskj" and the second contains a series of dots representing a password. At the bottom of the form is a black button labeled "Inloggen".

Note:

If you only get a white screen after selecting the Access Point and do not see the box on the left, simply press the browser's refresh button. If you use Internet Explorer, please ensure, that the „compatibility mode“ is disabled.

Further Testing Possibilities

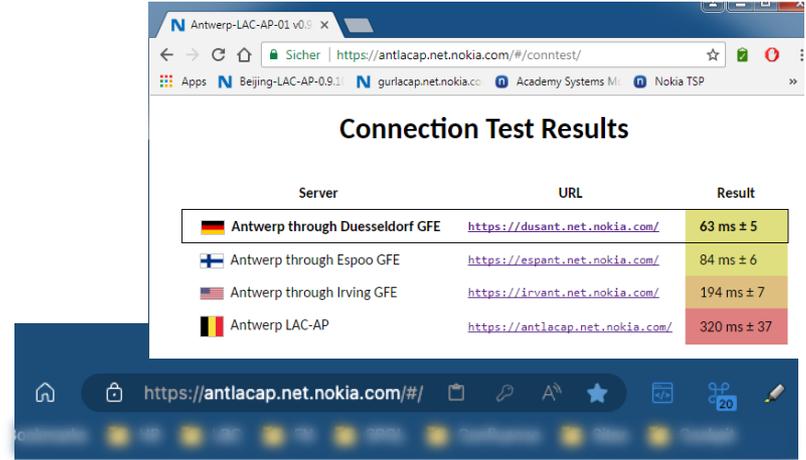
By selecting the top option to access Antwerp Training Lab for example, you will reach the screen on the right bottom.

From here you would have the option to run a direct “SpeedTest” to this Access Point.

Note all 4 Access Point options listed in the results pane will give you access to the same Training Lab. (In this case Antwerp Training Lab).

Trainers which already received the access credentials would at this point be able to login to the lab.

By running the standard “all Labs” test, you would get the links to all labs and even without login credentials you should be able to select the lab or select a lab in the nearest country and run this test.



The screenshot shows a web browser window with the URL <https://antlacap.net.nokia.com/#/conntest/>. The page title is "Connection Test Results". Below the title is a table with three columns: "Server", "URL", and "Result".

Server	URL	Result
 Antwerp through Duesseldorf GFE	https://dusant.net.nokia.com/	63 ms ± 5
 Antwerp through Espoo GFE	https://espart.net.nokia.com/	84 ms ± 6
 Antwerp through Irving GFE	https://irvant.net.nokia.com/	194 ms ± 7
 Antwerp LAC-AP	https://antlacap.net.nokia.com/	320 ms ± 37

Click to run [Run Speedtest](#) or visit [Lab quick start guide](#)



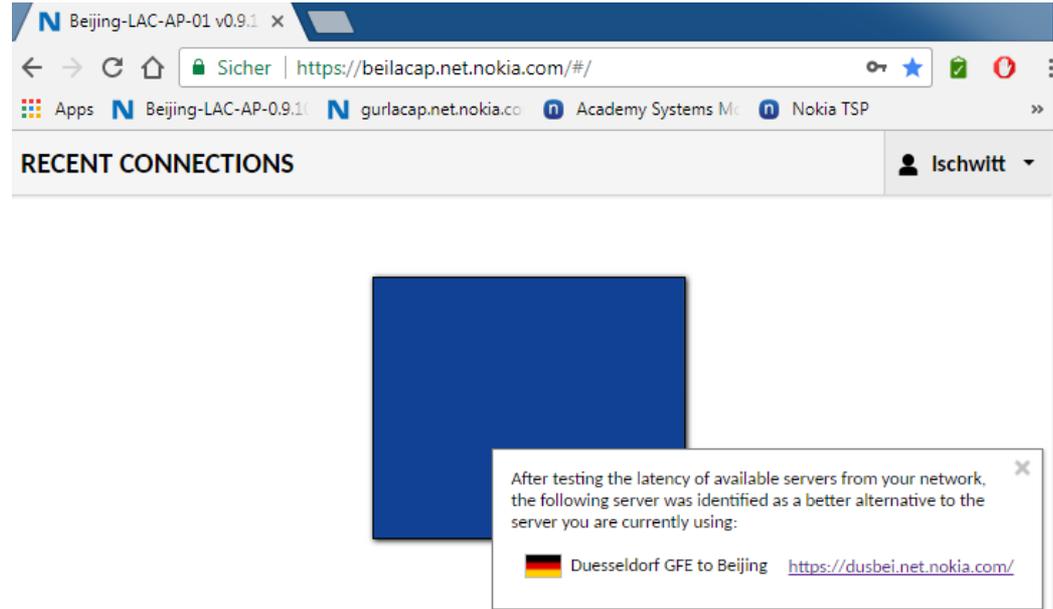
The screenshot shows a login page for the Antwerpen LAC AP01 V1.3.0. The page features the Nokia logo at the top, followed by the text "ANTWERPEN LAC AP01 V1.3.0". Below this, there is a text input field containing the username "hermanskl", a password input field with masked characters, and a black button labeled "Inloggen".

Redirection to best Access Point

To ensure optimal connectivity during a session, the user will discover a small pop-up window in the bottom right corner of his or her screen.

This window will only appear if an alternative Access Point to the same lab offers a better performing route/option.

To access this alternative, one would simply click on the provided link and the system will automatically redirect you and reconnect you to the current ongoing session.





Thank you for your Attention

Nokia Learning Connection Test Tool:
<https://tsp.networks.nokia.com>