Test Plan Master: Migoli (Master)

For connectivity, please refer to Overview and Initial Testing (GDocs)

Table 1: End-to-end testing plan
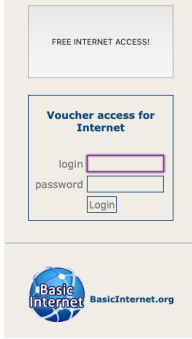
Nr	Type of testing	Expected result	Result date/sig	confirmed
1.1	End-to-end testing: Connect to Wifi "BasicInternet"	Open Wifi and see "BasicInternet"	Wifi is accessible	14/12/2018
1.2	White Listed Web pages: UiO.no BasicInternet.no Youtube.com Facebook.com (no video), LinkedIn, Twitter _Note: White list managed through FILENAME_	UiO - opens BasicInternet - opens Youtube - opens with content (no videos)	UiO, BasicInternet, WIki - open Youtube, Twitter -open just content without videos FB - opens with videos LinkedIn - not allowed	14/12/2018
1.3	WhatsApp app (on the mobile phone)	Access to the text and picture messages.	Access to the app with pictures and videos	14/12/2018
1.4	Black-listed Web pages: http://vg.no	Voucher login appears:	The login page appears	14/12/2018
1.4	Black-listed Web pages: Facebook video: https://www.facebook.com/wizaraafyatz/videos/234649980548670/ (or select video after https://www.facebook.com/wizaraafyatz) Youtube video: LINK (https://www.youtube.com/watch?v=1HMd66hLAr8)	YouTube: page opens, but Video does not load, is spinning	YouTube,Facebook videos aren't accessible.	14/12/2018
1.5	WhatsApp video: Tanzania	No videos or video calls	Full access to the content (pictures and videos)	14/12/2018

Table 2: LTE and LNCC testing

Nr	Type of testing	Expected result	Result date/sig	confirmed
2.1	LTE testing (make sure to insert SIM card):	After connecting the LTE with the power and LNCC should indicate green lights (power and PoE)	When using double PoE LTE shows green lights (three), but without the use of the PoE and directly connected to the LNCC, it shows red light (PoE)	14/12/2018
2.2	Connect cable from LTE to PC Open Network preferences, connect to network (wired)	Full access to the network	Access to the network	14/12/2018
3.1	Connect cable from LTE into port 1 of LNCC (without PoE) Use Mobile Phone, tablet or PC to connect to "BasicIntenet"	Connection to "BasicInternet" successfully	Connecting well	14/12/2018
3.2	Perform the test 1.2 .. 1.5	Results as above	Same results	14/12/2018

Notes:
- #2.1 Light indicators: a) If both lights are green that means there is a connection, and receiving signals
  b) If one light is red that indicates 1) No sim card inserted, or 2) Signals aren't available/received

Table 3: Local hot-spot testing

Nr	Type of testing	Expected result	Result date/sig	confirmed
4.1	Point reception + Local hot-spot	With testing in far zone should be available connection to the "Basic Internet" network	When tested at Oslo Met building, around 0,5 km, the point reception indicated very weak signals. There was no ability to connect to the "BasicInternet" Network. Instead different test have carried out in which the LNCC was disabled and the local hot-spot set was been tested in the building (ITS). The results were ful light indicator, connection to the wifi, and access to the content as expected.	14/12/2018
4.2	Access to content in Both Its-Wiki, UiO, and videos (YouTube and Social media)	The picture and text content should be accessible, but not the videos	The content on Youtube, Facebook, twitter are accessible, but not LinkedIn. No videos allowed	14/12/2018
4.3	Access to the network basic Internet from another zone (Oslo Met)	There are available network and access to the content	There were "BasicInternet" network could be connected to, but no access to the content of the tested web pages such like UiO	14/12/2018
4.4	Disabling the LNCC, connecting the Sector Antenna direct to the LTE, and connecting the local network(point reception+local hot-spot) to the power to get Internet	The BasicInternet network should be accessible, and enable the user to open allowed web page e.g. UiO	Available wifi "BasicInternet", and accessible content of the tried pages (UiO, FaceBook)	14/12/2018

Notes:
- For the test 4.1 the equipment, sector antenna and the point reception, should be fixed freely outdoor and there are no buildings or trees disturbing the signals ways in between them so as to get the best connection to the network.