Brezžično omrežje Univerze v Mariboru

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Računalniški center Univerze v Mariboru (RCUM)

Predstavitev UM

- Ustanovljena leta 1975

- 18000 študentov

- 1700 zaposlenih

- 17 fakultet

  + 2 pridruženi članici

Pedagoška fakulteta

Filozofska fakulteta

Fakulteta za naravoslovje in matematiko

Pravna fakulteta

Ekonomsko-poslovna fakulteta

Fakulteta za strojništvo

Fakulteta za gradbeništvo

Fakulteta za kemijo in kemijsko tehnologijo

Fakulteta za elektrotehniko, računalništvo in informatiko

Medicinska fakulteta

Fakulteta za zdravstvene vede

Fakulteta za kmetijske in biosistemske vede

Fakulteta za organizacijske vede

Fakulteta za logistiko

Fakulteta za energetiko

Fakulteta za varnostne vede
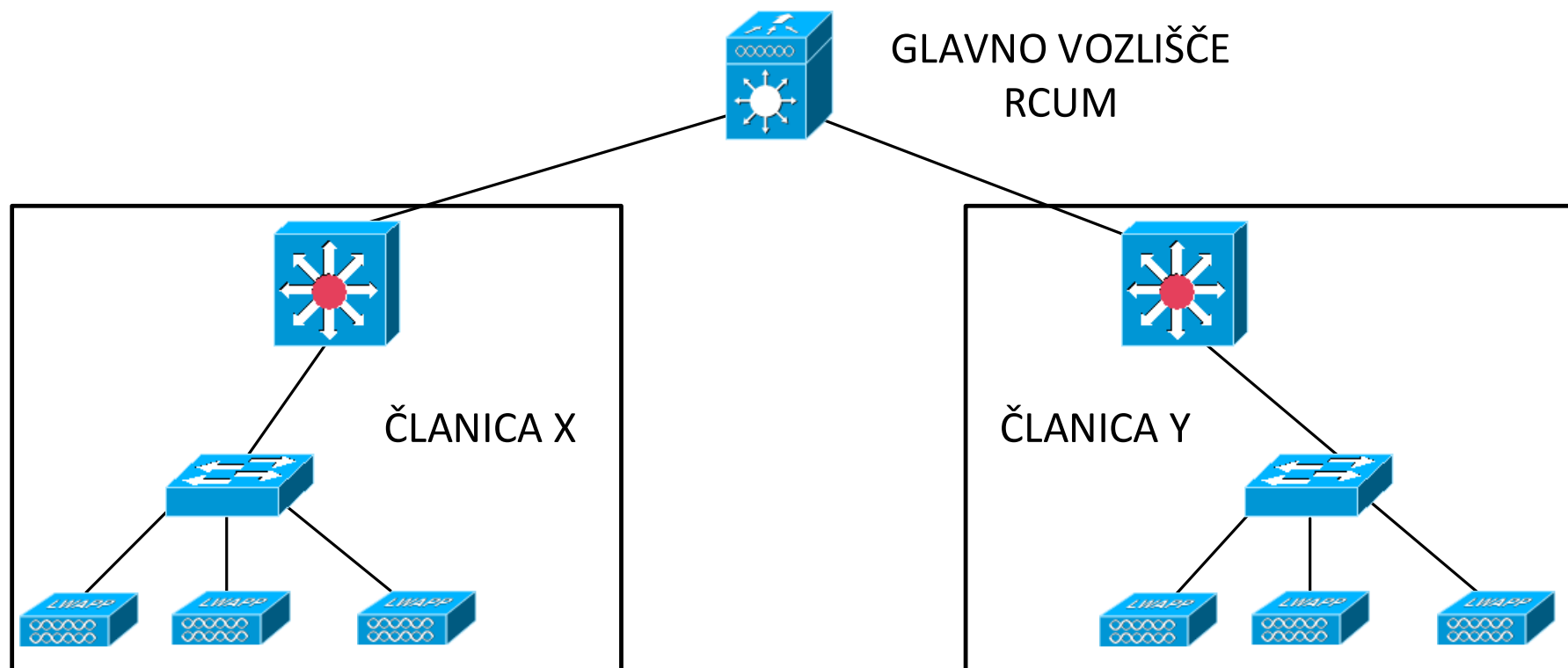
Fakulteta za turizem

Predstavitev RCUM

- Ustanovljen leta 1977
- Informacijska podpora akademski skupnosti
- Najpomembnejše storitve :
  - Dostop do internetnega omrežja in njegovih storitev
  - Podatkovni center UM
  - E-izobraževanje (MOODLE, AIPS)
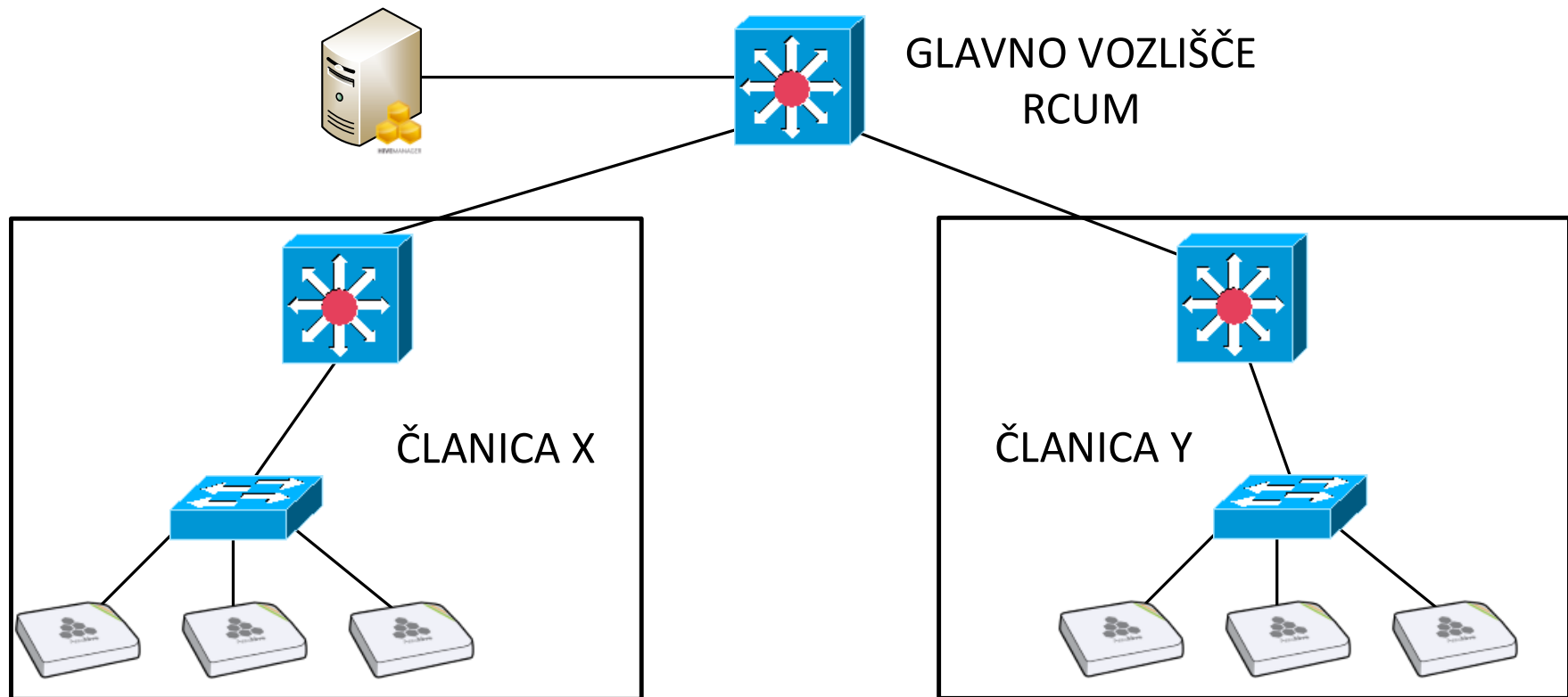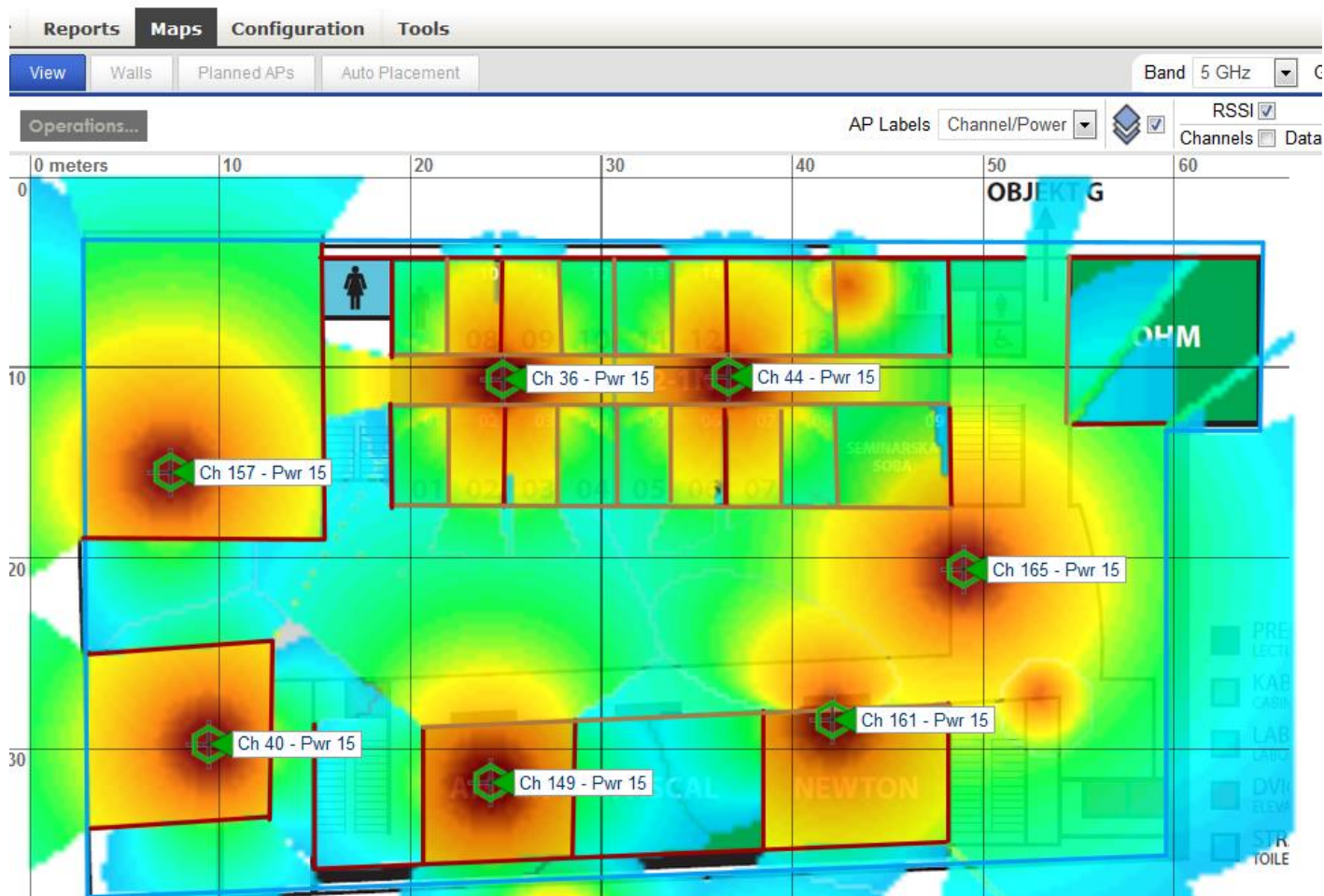 - Koordinacija IKT kordinatorjev

Omrežje UM

Brezžično omrežje - zdaj

GLAVNO VOZLIŠČE
RCUM

ČLANICA X

ČLANICA Y
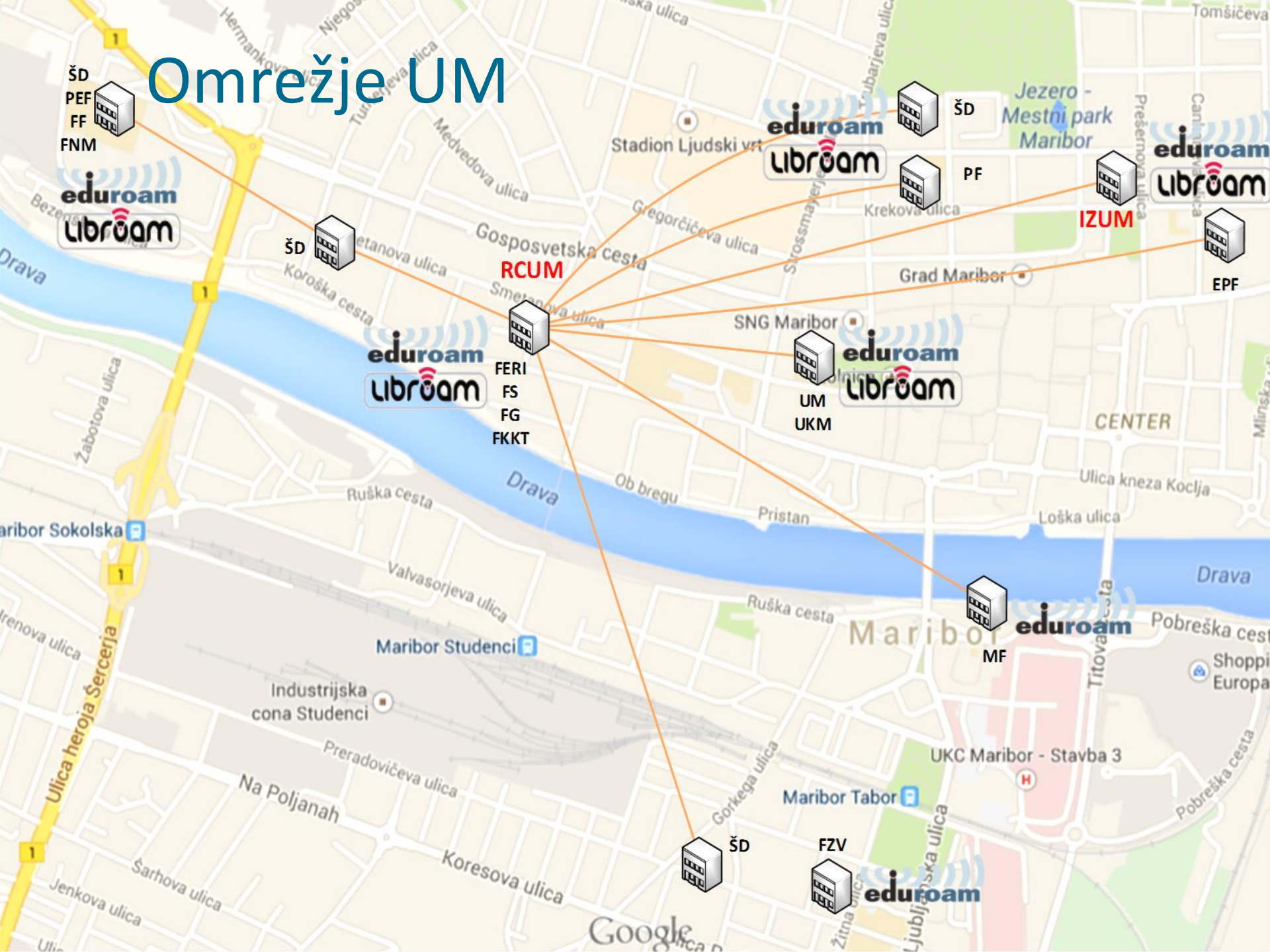
Brezžično omrežje - v prihodnje

GLAVNO VOZLIŠČE
RCUM

ČLANICA X

ČLANICA Y

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Orodje za načrtovanje - planning tool

Priprava konfiguracij dostopnih točk

Priprava konfiguracij dostopnih točk

Priprava konfiguracij dostopnih točk

Priprava konfiguracij dostopnih točk

Prikaz naprav in uporabnikov

Nadzorna plošča

Client Monitor

Client Monitor - log

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██ █  █ ██ █  BASIC    (120)Tx assoc resp <accept> (status 0, pwr 11dBm)
██ █ █ █ █  INFO     (121)IEEE802.1X auth is starting (at if=wifi0.2)
██ █ ██ █  DETAIL   (122)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=66 length=168,  User-Name=L        NAS-IP-Address=1            Called-S
██ █ ██ █  DETAIL   (123)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=66 length=64
██ █ ██ █  DETAIL   (124)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=67 length=369,  User-Name=di        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (125)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=67 length=1090
██ █ ██ █  DETAIL   (126)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=68 length=171,  User-Name=L        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (127)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=68 length=1090
██ █ ██ █  DETAIL   (128)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=69 length=171,  User-Name=L        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (129)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=69 length=1090
██ █ ██ █  DETAIL   (130)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=70 length=171,  User-Name=di        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (131)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=70 length=850
██ █ ██ █  DETAIL   (132)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=71 length=305,  User-Name=L        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (133)Receive message from RADIUS Server: code=11 (Access-Challenge) identifier=71 length=127
██ █ ██ █  DETAIL   (134)Send message to RADIUS Server(apolon.um.si): code=1 (Access-Request) identifier=72 length=293,  User-Name=L        NAS-IP-Address=         Called-S
██ █ ██ █  DETAIL   (135)Receive message from RADIUS Server: code=2 (Access-Accept) identifier=72 length=178
██ █ ██ █  INFO     (136)Sending 1/4 msg of 4-Way Handshake (at if=wifi0.2)
██ █ ██ █  INFO     (137)Received 2/4 msg of 4-Way Handshake (at if=wifi0.2)
██ █ ██ █  INFO     (138)Sending 3/4 msg of 4-Way Handshake (at if=wifi0.2)
██ █ ██ █  INFO     (139)Received 4/4 msg of 4-Way Handshake (at if=wifi0.2)
██ █ ██ █  INFO     (140)PTK is set (at if=wifi0.2)
██ █ ██ █  BASIC    (141)Authentication is successfully finished (at if=wifi0.2)
██ █ ██ █  INFO     (142)station sent out DHCP REQUEST message
██ █ ██ █  INFO     (143)DHCP server sent out DHCP ACKNOWLEDGE message to station
██ █ ██ █  BASIC    (144)DHCP session completed for station
██ █ ██ █  BASIC    (145)IP 164.8.50.86 assigned for station
██ █ ██ █  INFO     (146)Rx <broadcast> probe req (rssi 55dB)


                    BASIC    (3127)Tx assoc resp <accept> (status 0, pwr 11dBm)
                    INFO     (3128)WPA-PSK auth is starting (at if=wifi1.3)
                    INFO     (3129)Sending 1/4 msg of 4-Way Handshake (at if=wifi1.3)
                    INFO     (3130)Received 2/4 msg of 4-Way Handshake (at if=wifi1.3)
                    INFO     (3131)Sending 3/4 msg of 4-Way Handshake (at if=wifi1.3)
                    INFO     (3132)Received 4/4 msg of 4-Way Handshake (at if=wifi1.3)
                    INFO     (3133)PTK is set (at if=wifi1.3)
                    BASIC    (3134)Authentication is successfully finished (at if=wifi1.3)
                    INFO     (3135)station sent out DHCP DISCOVER message
                    INFO     (3136)DHCP server sent out DHCP OFFER message to station
                    INFO     (3137)station sent out DHCP REQUEST message
                    INFO     (3138)DHCP server sent out DHCP ACKNOWLEDGE message to station
                    BASIC    (3139)DHCP session completed for station
                    BASIC    (3140)IP             assigned for station
                    DETAIL   (3141)Rx <broadcast> probe req (rssi 42dB)
                    BASIC    (3142)Tx probe resp (pwr 11dBm)
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Vprašanja

Hvala za vašo pozornost !