

Opsi server u računalnoj učionici



Nakon što smo uspješno instalirali jednog opsi klijenta, na isti način možemo "učlaniti" sva računala iz lokalne mreže, potom im dodijeliti grupe te "daljinski" upravljati njima putem mreže.

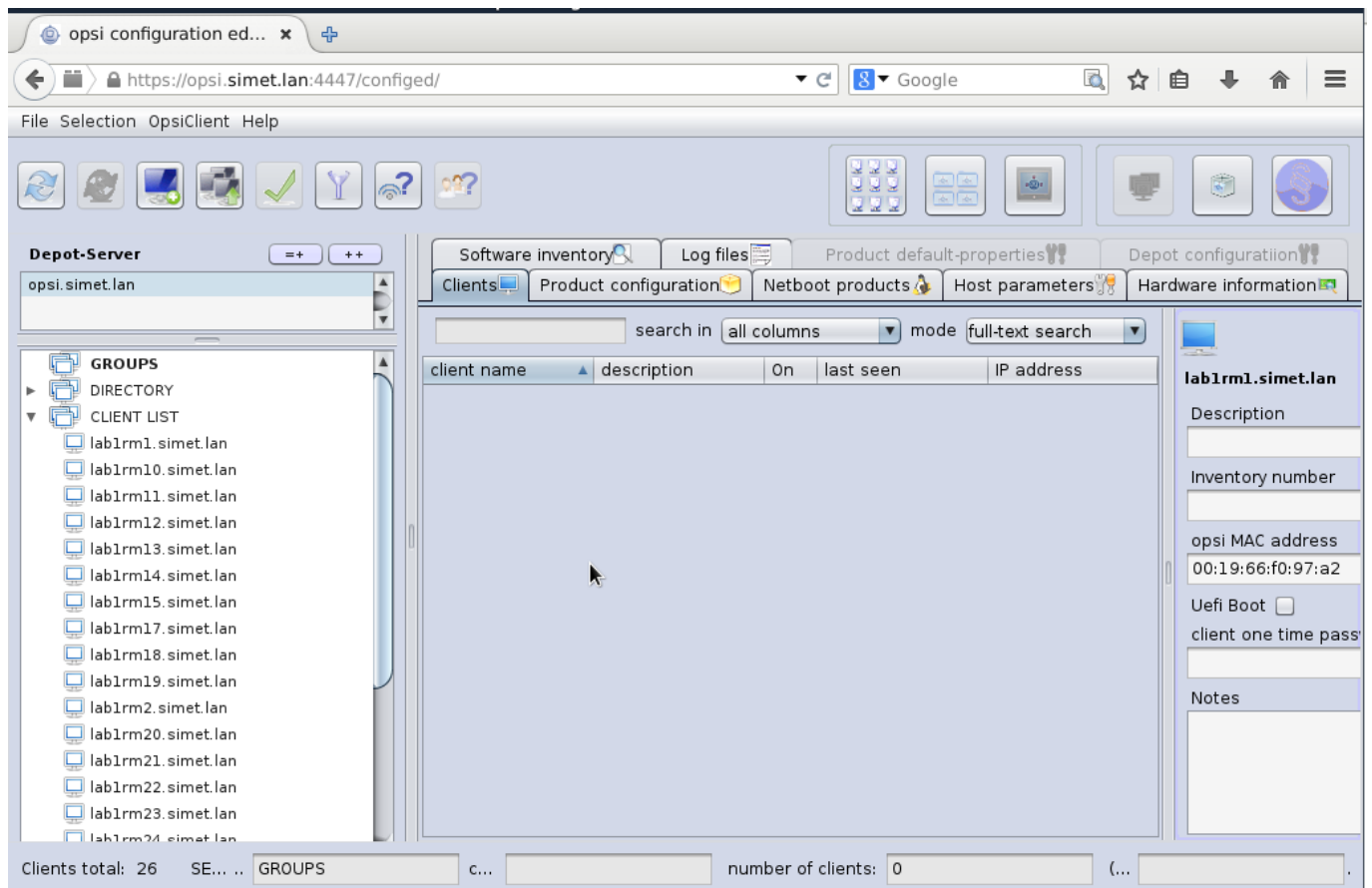
Tako formirana grupa, na primjer računalna učionica, može se vrlo praktično iskoristiti za monoton i prilično frustrirajući posao kao što je paljenje i gašenje cca 30-tak računala zbog redovitog održavanja. Vjerovatno vam se više puta dogodilo da napustite instalaciju softvera na računalima jer su vas prekinuli drugi poslovi, te na kraju dana nemate više vremena, snage i živaca vraćati se u pc-lab da ih ručno pošaljete u "shut down". Kako napraviti masovno uspavljanje i buđenje računalne učionice kroz web preglednik?

S opsi serverom to je prilično jednostavno. Ulogirajmo se u opsi kofikator.

Za početak učlanimo sva računala iz učionice na opsi server. Moraju biti vidljiva na listi klijenta.

client name	description	On	last seen	IP address
lab1rm1.simet.lan			2015-07-15 10:...	192.168.1.101
lab1rm10.simet...			2015-07-15 12:...	192.168.1.110
lab1rm11.simet...			2015-07-15 12:...	192.168.1.111
lab1rm12.simet...			2015-07-15 12:...	192.168.1.112
lab1rm13.simet...			2015-07-15 12:...	192.168.1.113
lab1rm14.simet...			2015-07-15 12:...	192.168.1.114
lab1rm15.simet...			2015-07-15 11:...	192.168.1.115
lab1rm17.simet...			2015-07-15 12:...	192.168.1.117
lab1rm18.simet...			2015-07-15 12:...	192.168.1.118
lab1rm19.simet...			2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm20.simet...			2015-07-15 12:...	192.168.1.120
lab1rm21.simet...			2015-07-15 12:...	192.168.1.121
lab1rm22.simet...			2015-07-15 12:...	192.168.1.122
lab1rm23.simet...			2015-07-15 12:...	192.168.1.123
lab1rm24.simet...			2015-07-15 12:...	192.168.1.124
lab1rm25.simet...			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106

Označimo "**GROUPS**" te kreiramo grupu "LAB1".



opsi configuration ed... x +

https://opsi.simet.lan:4447/configed/

File Selection OpsiClient Help

Depot-Server

opsi.simet.lan

GROUPS

- DIRECTORY
- CLIENT LIST
 - lab1rm1.simet.lan
 - lab1rm10.simet.lan
 - lab1rm11.simet.lan
 - lab1rm12.simet.lan
 - lab1rm13.simet.lan
 - lab1rm14.simet.lan
 - lab1rm15.simet.lan
 - lab1rm17.simet.lan
 - lab1rm18.simet.lan
 - lab1rm19.simet.lan
 - lab1rm2.simet.lan
 - lab1rm20.simet.lan
 - lab1rm21.simet.lan
 - lab1rm22.simet.lan
 - lab1rm23.simet.lan
 - lab1rm24.simet.lan

Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address
(Empty table)				

lab1rm1.simet.lan

Description

Inventory number

opsi MAC address

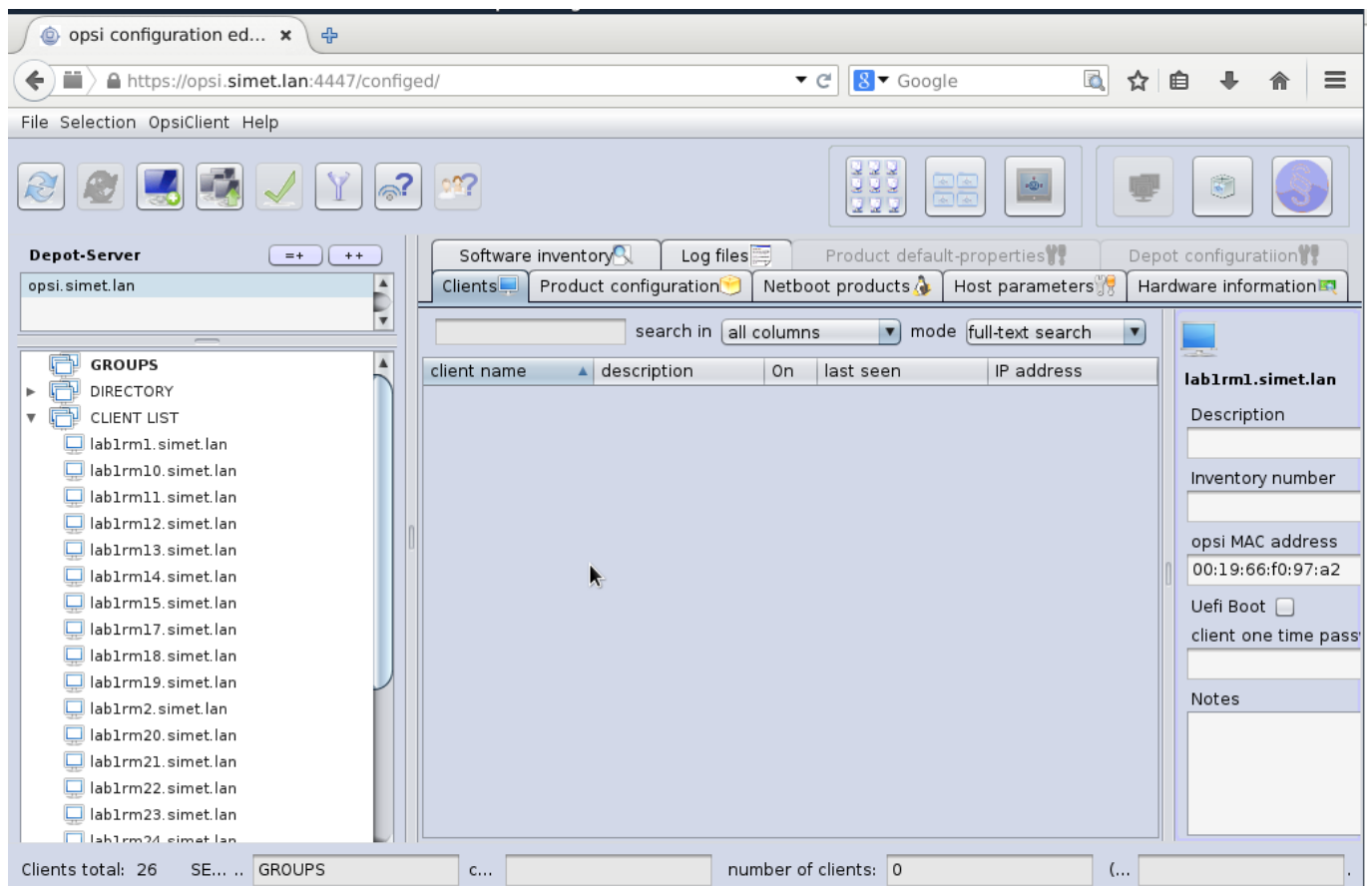
00:19:66:f0:97:a2

Uefi Boot ☐

client one time pass

Notes

Clients total: 26 SE... GROUPS c... number of clients: 0 (...)



opsi configuration ed... x +

https://opsi.simet.lan:4447/configed/

File Selection OpsiClient Help

Depot-Server

opsi.simet.lan

GROUPS

- DIRECTORY
- CLIENT LIST
 - lab1rm1.simet.lan
 - lab1rm10.simet.lan
 - lab1rm11.simet.lan
 - lab1rm12.simet.lan
 - lab1rm13.simet.lan
 - lab1rm14.simet.lan
 - lab1rm15.simet.lan
 - lab1rm17.simet.lan
 - lab1rm18.simet.lan
 - lab1rm19.simet.lan
 - lab1rm2.simet.lan
 - lab1rm20.simet.lan
 - lab1rm21.simet.lan
 - lab1rm22.simet.lan
 - lab1rm23.simet.lan
 - lab1rm24.simet.lan

Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address
(Empty table)				

lab1rm1.simet.lan

Description

Inventory number

opsi MAC address

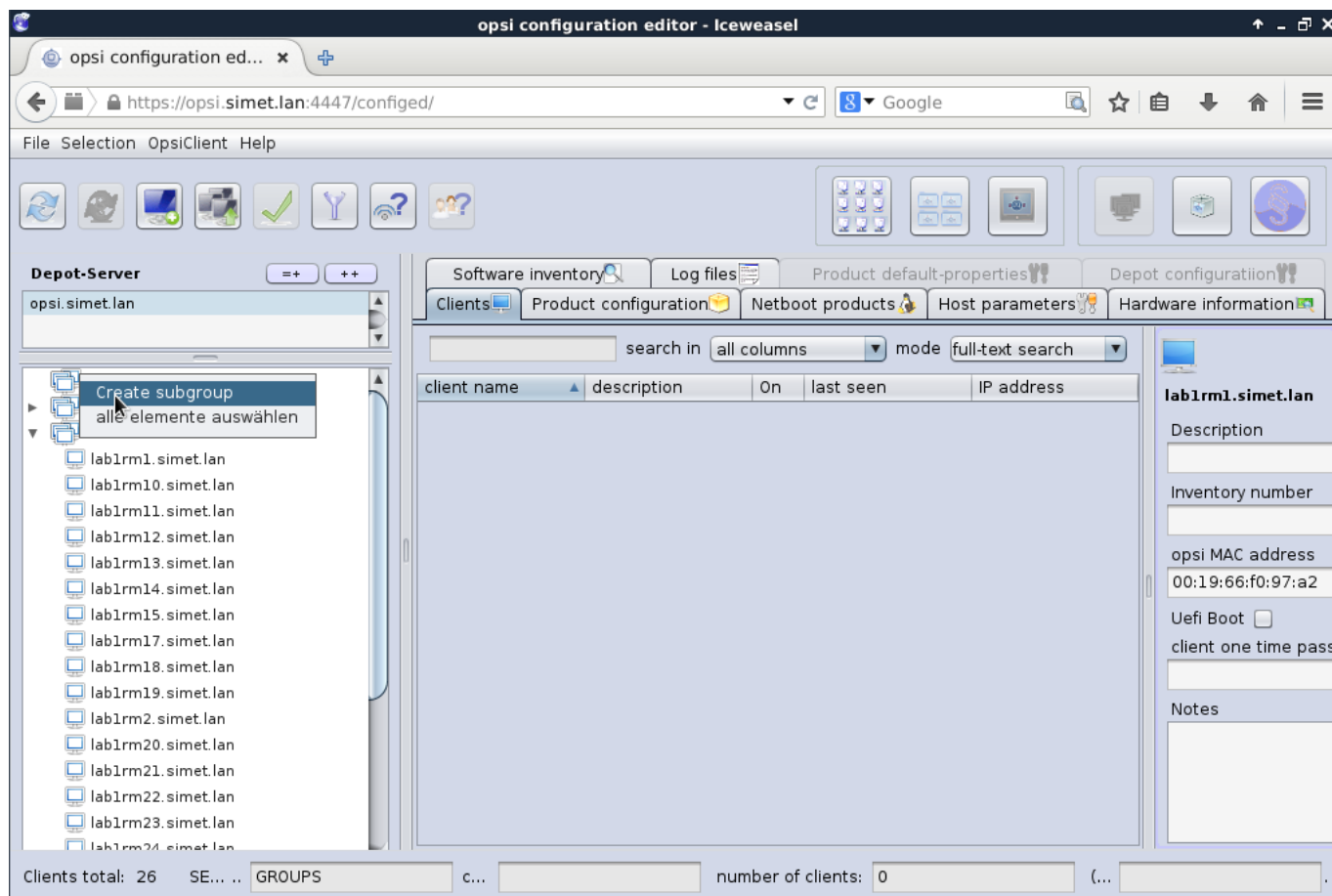
00:19:66:f0:97:a2

Uefi Boot ☐

client one time pass

Notes

Clients total: 26 SE... GROUPS c... number of clients: 0 (...)



opsi configuration editor - Iceweasel

File Selection OpsClient Help

Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address

lab1rm1.simet.lan

Description

Inventory number

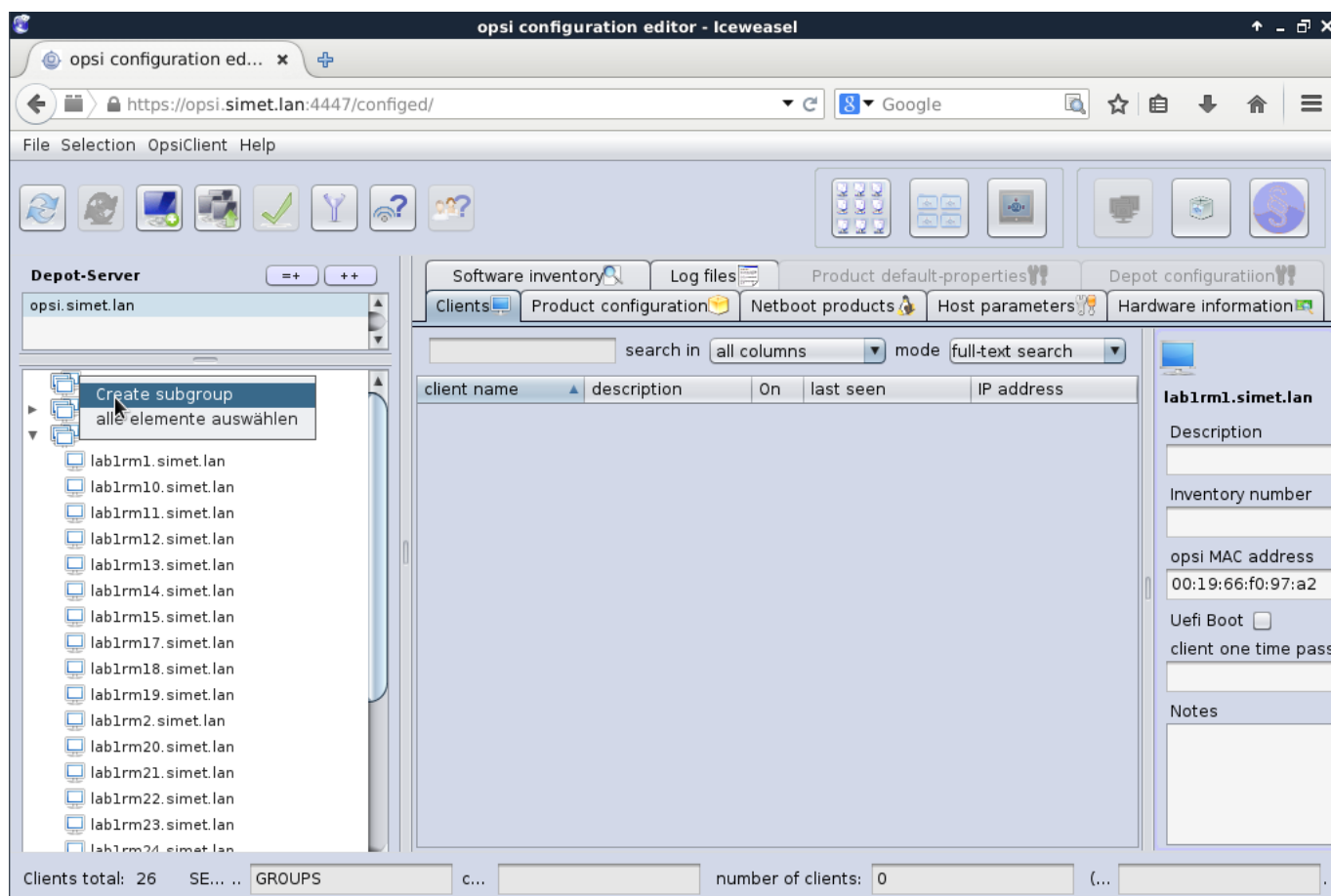
opsi MAC address 00:19:66:f0:97:a2

Uefi Boot ☐

client one time pass

Notes

Clients total: 26 SE... GROUPS c... number of clients: 0 (...)



opsi configuration editor - Iceweasel

File Selection OpsClient Help

Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address

lab1rm1.simet.lan

Description

Inventory number

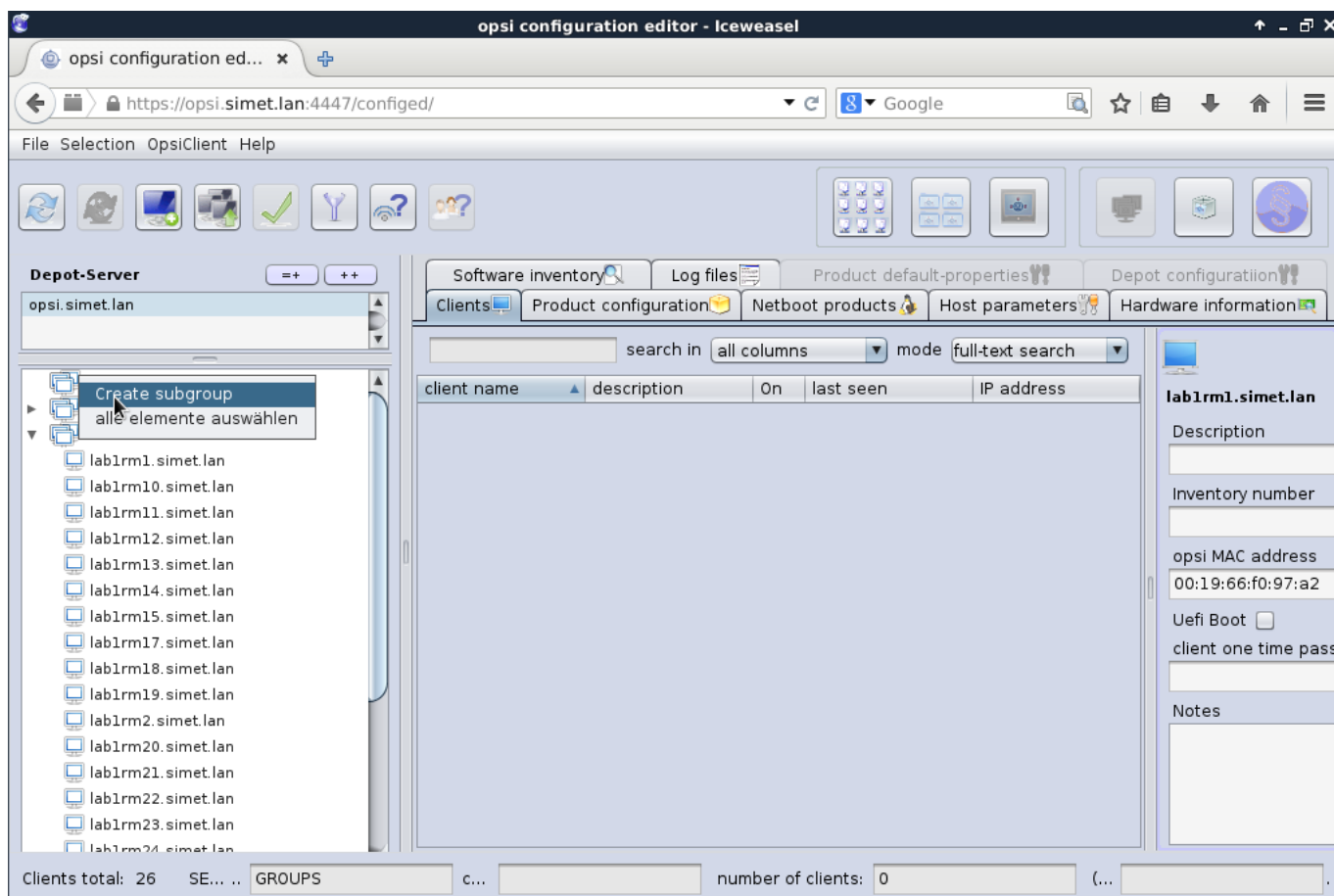
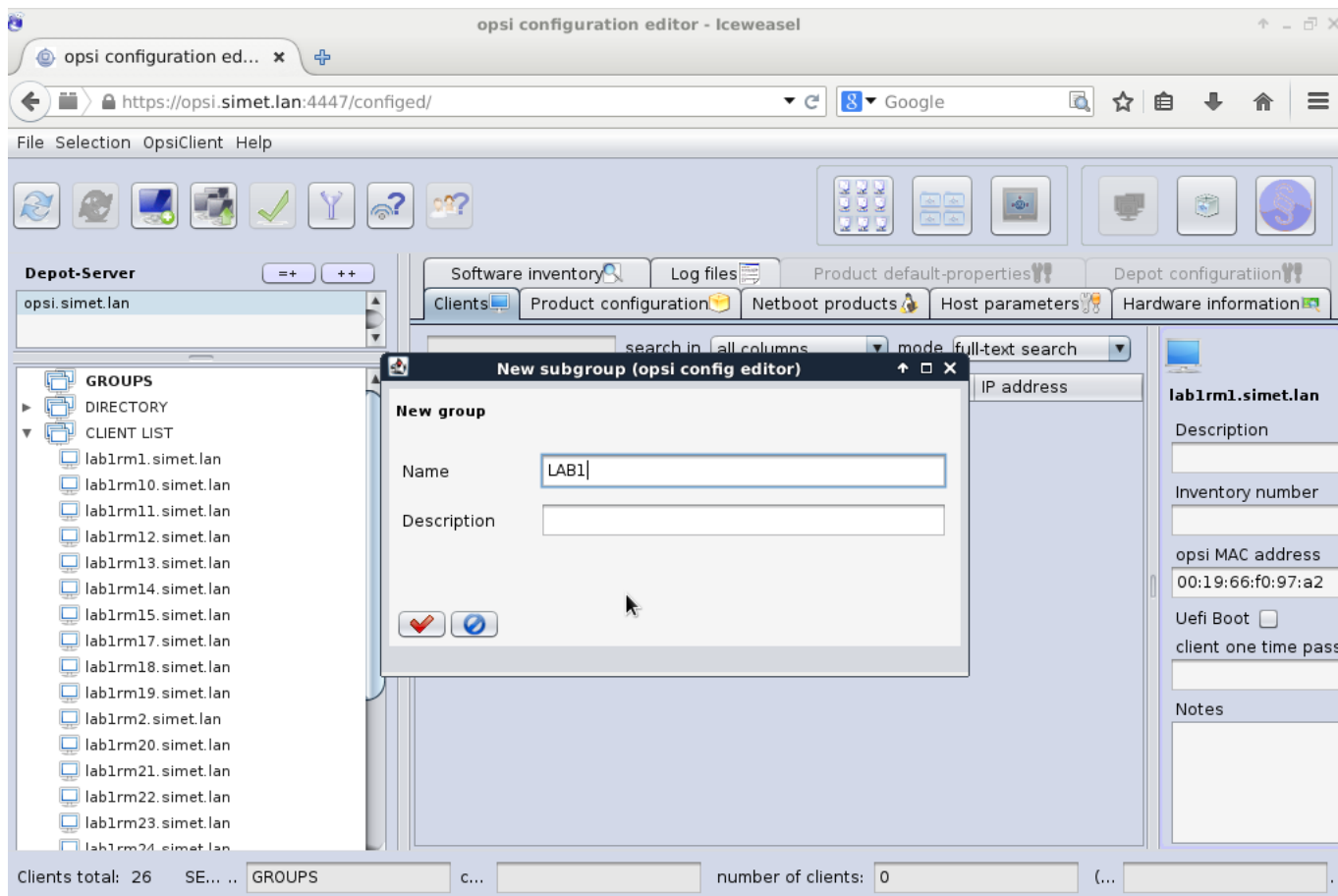
opsi MAC address 00:19:66:f0:97:a2

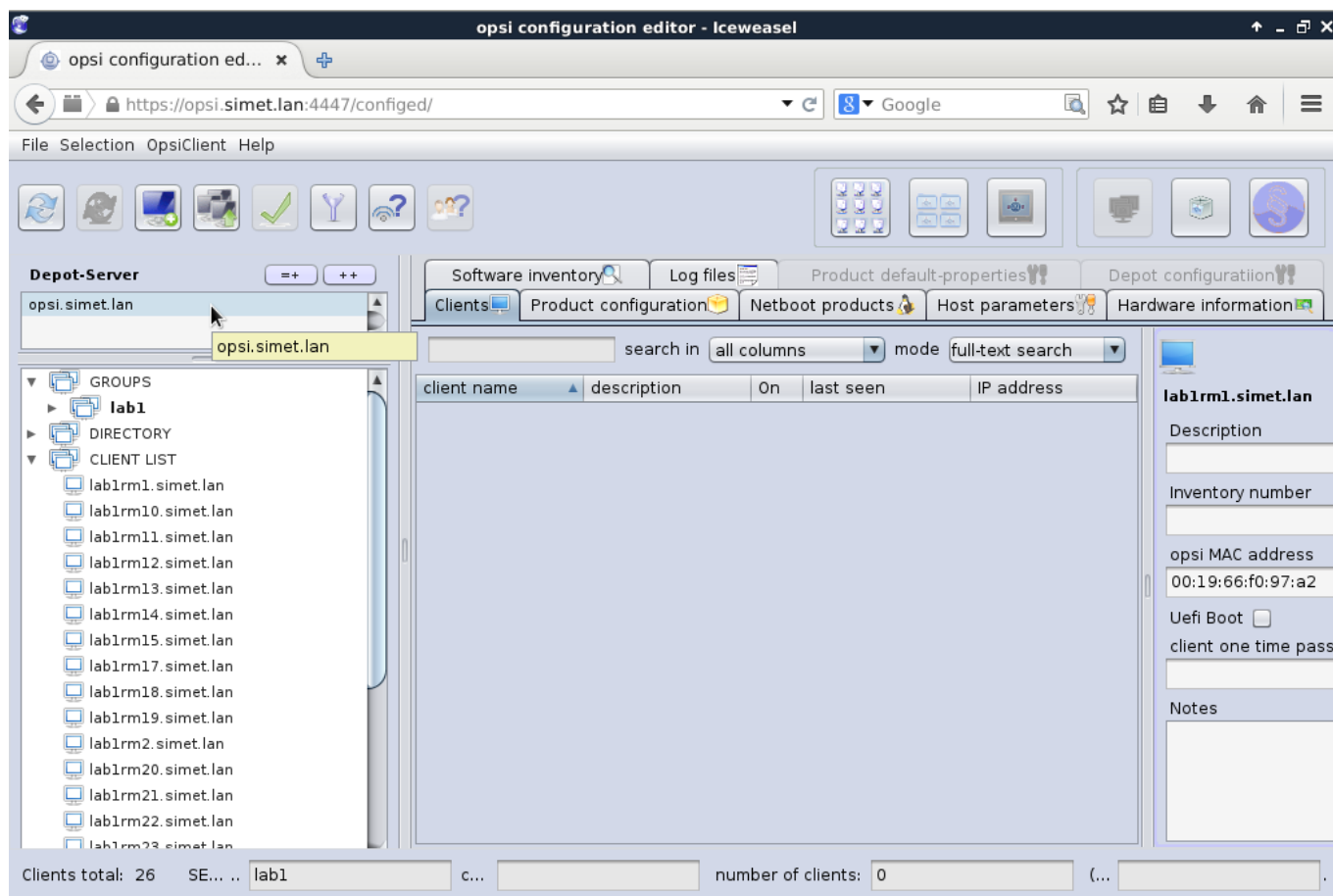
Uefi Boot ☐

client one time pass

Notes

Clients total: 26 SE... GROUPS c... number of clients: 0 (...)



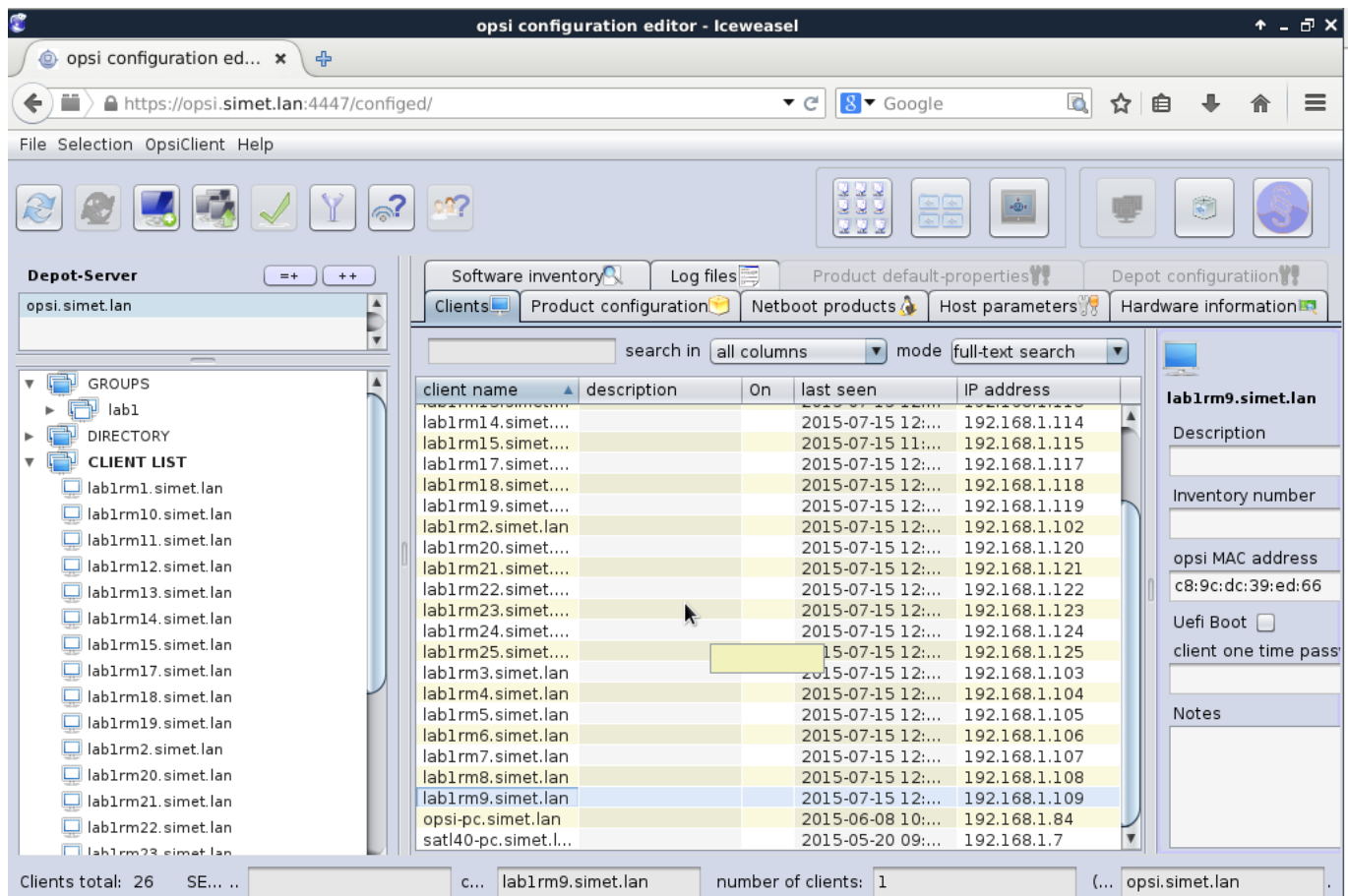
The screenshot displays the Opsi configuration editor web interface. The browser address bar shows the URL `https://opsi.simet.lan:4447/configured/`. The interface includes a top menu bar with 'File', 'Selection', 'OpsClient', and 'Help'. Below this is a toolbar with various icons. The main area is divided into several sections:

- Depot-Server:** A sidebar on the left showing a tree view of groups and clients. The 'lab1' group is expanded, showing a list of clients including 'lab1rm1.simet.lan' through 'lab1rm23.simet.lan'.
- Clients:** A central pane with a search bar and a table of client information. The table has columns for 'client name', 'description', 'On', 'last seen', and 'IP address'.
- lab1rm1.simet.lan:** A right pane showing detailed configuration options for the selected client. Fields include 'Description', 'Inventory number', 'opsi MAC address' (00:19:66:f0:97:a2), 'Uefi Boot' (checkbox), 'client one time pass', and 'Notes'.

The status bar at the bottom shows 'Clients total: 26' and 'number of clients: 0'.



Prebacimo se na "**CLIENT LIST**" označimo zadnje računalo te sa **CTRL+** strelica gore "poplavimo" klijente koje želimo u grupi "lab1". Tako označene klijente "drag and drop" metodom "povučemo" u *lab1* grupu.



opsi configuration editor - Icwesael

opsi configuration ed... x +

https://opsi.simet.lan:4447/configed/

File Selection OpsiClient Help

Depot-Server

opsi.simet.lan

GROUPS

- lab1
- DIRECTORY
- CLIENT LIST

lab1rm1.simet.lan

lab1rm10.simet.lan

lab1rm11.simet.lan

lab1rm12.simet.lan

lab1rm13.simet.lan

lab1rm14.simet.lan

lab1rm15.simet.lan

lab1rm17.simet.lan

lab1rm18.simet.lan

lab1rm19.simet.lan

lab1rm2.simet.lan

lab1rm20.simet.lan

lab1rm21.simet.lan

lab1rm22.simet.lan

lab1rm23.simet.lan

lab1rm24.simet.lan

lab1rm25.simet.lan

lab1rm3.simet.lan

lab1rm4.simet.lan

lab1rm5.simet.lan

lab1rm6.simet.lan

lab1rm7.simet.lan

lab1rm8.simet.lan

lab1rm9.simet.lan

opsi-pc.simet.lan

sati40-pc.simet.lan

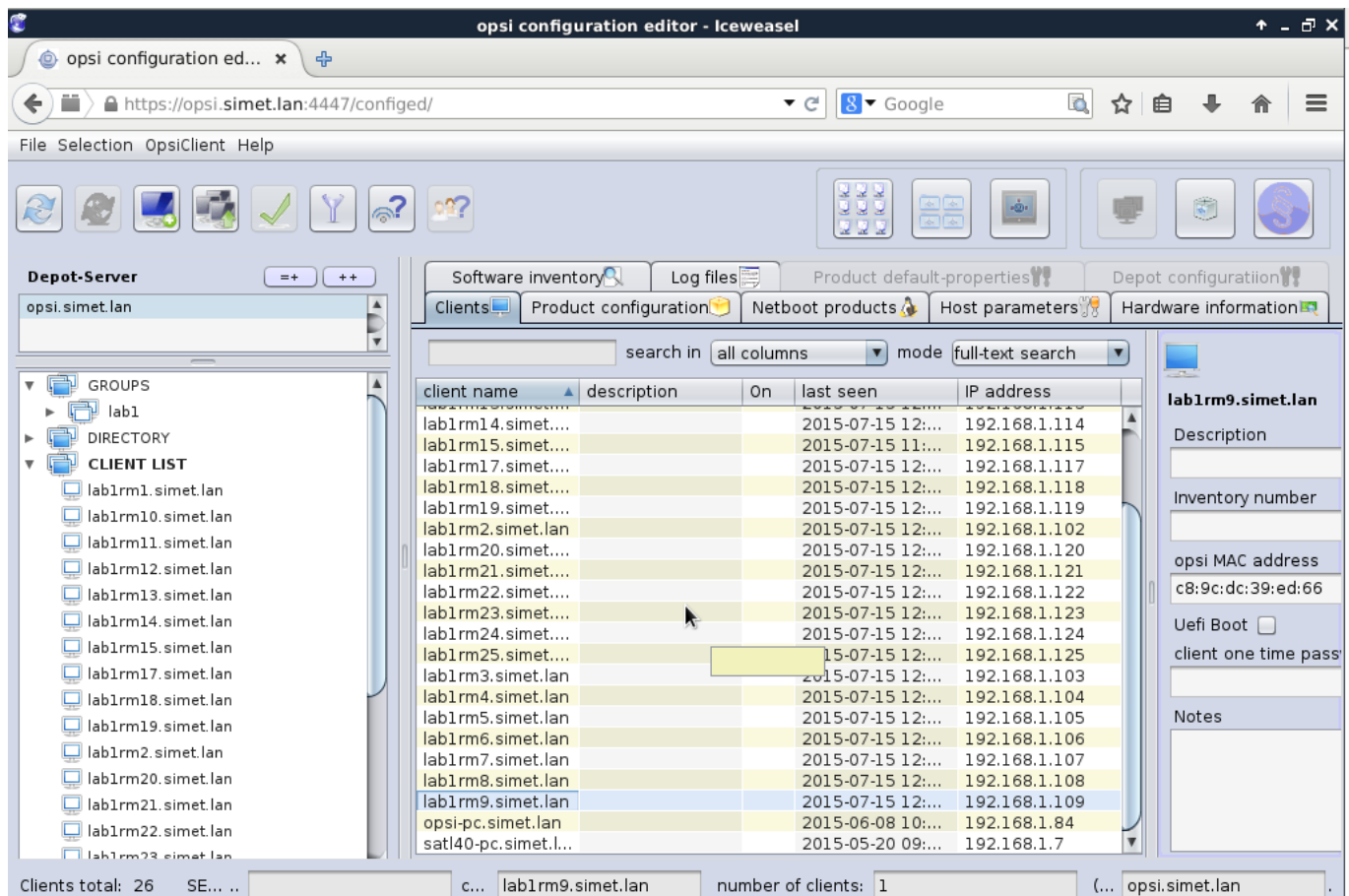
Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address
lab1rm14.simet...			2015-07-15 12:...	192.168.1.114
lab1rm15.simet...			2015-07-15 11:...	192.168.1.115
lab1rm17.simet...			2015-07-15 12:...	192.168.1.117
lab1rm18.simet...			2015-07-15 12:...	192.168.1.118
lab1rm19.simet...			2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm20.simet...			2015-07-15 12:...	192.168.1.120
lab1rm21.simet...			2015-07-15 12:...	192.168.1.121
lab1rm22.simet...			2015-07-15 12:...	192.168.1.122
lab1rm23.simet...			2015-07-15 12:...	192.168.1.123
lab1rm24.simet...			2015-07-15 12:...	192.168.1.124
lab1rm25.simet...			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106
lab1rm7.simet.lan			2015-07-15 12:...	192.168.1.107
lab1rm8.simet.lan			2015-07-15 12:...	192.168.1.108
lab1rm9.simet.lan			2015-07-15 12:...	192.168.1.109
opsi-pc.simet.lan			2015-06-08 10:...	192.168.1.84
sati40-pc.simet.l...			2015-05-20 09:...	192.168.1.7

Clients total: 26 SE... c... lab1rm9.simet.lan number of clients: 1 (... opsi.simet.lan)



opsi configuration editor - Icwesael

opsi configuration ed... x +

https://opsi.simet.lan:4447/configed/

File Selection OpsiClient Help

Depot-Server

opsi.simet.lan

GROUPS

- lab1
- DIRECTORY
- CLIENT LIST

lab1rm1.simet.lan

lab1rm10.simet.lan

lab1rm11.simet.lan

lab1rm12.simet.lan

lab1rm13.simet.lan

lab1rm14.simet.lan

lab1rm15.simet.lan

lab1rm17.simet.lan

lab1rm18.simet.lan

lab1rm19.simet.lan

lab1rm2.simet.lan

lab1rm20.simet.lan

lab1rm21.simet.lan

lab1rm22.simet.lan

lab1rm23.simet.lan

lab1rm24.simet.lan

lab1rm25.simet.lan

lab1rm3.simet.lan

lab1rm4.simet.lan

lab1rm5.simet.lan

lab1rm6.simet.lan

lab1rm7.simet.lan

lab1rm8.simet.lan

lab1rm9.simet.lan

opsi-pc.simet.lan

sati40-pc.simet.lan

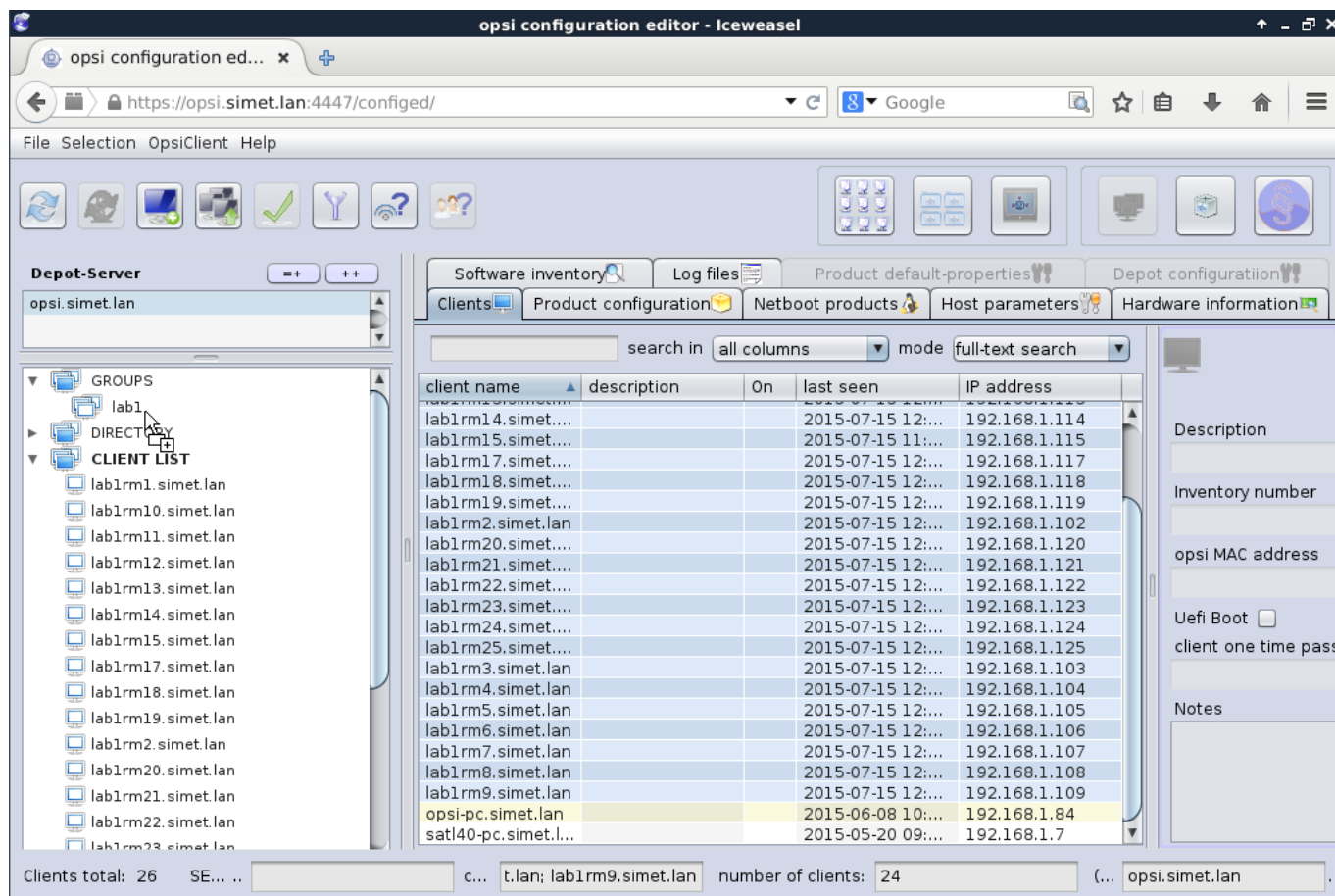
Software inventory Log files Product default-properties Depot configuration

Clients Product configuration Netboot products Host parameters Hardware information

search in all columns mode full-text search

client name	description	On	last seen	IP address
lab1rm14.simet...			2015-07-15 12:...	192.168.1.114
lab1rm15.simet...			2015-07-15 11:...	192.168.1.115
lab1rm17.simet...			2015-07-15 12:...	192.168.1.117
lab1rm18.simet...			2015-07-15 12:...	192.168.1.118
lab1rm19.simet...			2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm20.simet...			2015-07-15 12:...	192.168.1.120
lab1rm21.simet...			2015-07-15 12:...	192.168.1.121
lab1rm22.simet...			2015-07-15 12:...	192.168.1.122
lab1rm23.simet...			2015-07-15 12:...	192.168.1.123
lab1rm24.simet...			2015-07-15 12:...	192.168.1.124
lab1rm25.simet...			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106
lab1rm7.simet.lan			2015-07-15 12:...	192.168.1.107
lab1rm8.simet.lan			2015-07-15 12:...	192.168.1.108
lab1rm9.simet.lan			2015-07-15 12:...	192.168.1.109
opsi-pc.simet.lan			2015-06-08 10:...	192.168.1.84
sati40-pc.simet.l...			2015-05-20 09:...	192.168.1.7

Clients total: 26 SE... c... lab1rm9.simet.lan number of clients: 1 (... opsi.simet.lan)



opsi configuration editor - Iceweasel

https://opsi.simet.lan:4447/configured/

File Selection OpsiClient Help

Depot-Server: opsi.simet.lan

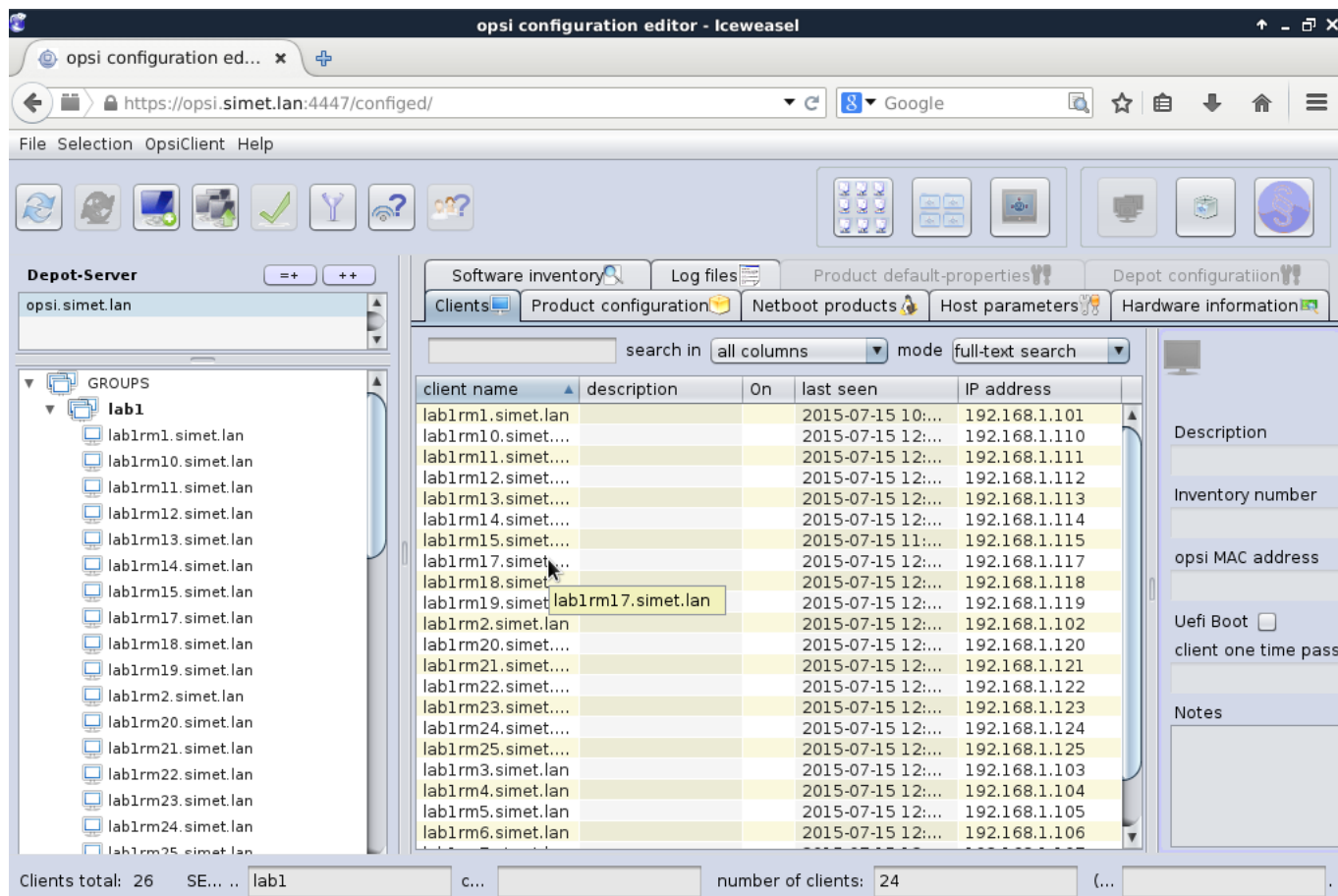
GROUPS: lab1

CLIENT LIST:

client name	description	On	last seen	IP address
lab1rm14.simet.lan			2015-07-15 12:...	192.168.1.114
lab1rm15.simet.lan			2015-07-15 11:...	192.168.1.115
lab1rm17.simet.lan			2015-07-15 12:...	192.168.1.117
lab1rm18.simet.lan			2015-07-15 12:...	192.168.1.118
lab1rm19.simet.lan			2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm20.simet.lan			2015-07-15 12:...	192.168.1.120
lab1rm21.simet.lan			2015-07-15 12:...	192.168.1.121
lab1rm22.simet.lan			2015-07-15 12:...	192.168.1.122
lab1rm23.simet.lan			2015-07-15 12:...	192.168.1.123
lab1rm24.simet.lan			2015-07-15 12:...	192.168.1.124
lab1rm25.simet.lan			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106
lab1rm7.simet.lan			2015-07-15 12:...	192.168.1.107
lab1rm8.simet.lan			2015-07-15 12:...	192.168.1.108
lab1rm9.simet.lan			2015-07-15 12:...	192.168.1.109
opsi-pc.simet.lan			2015-06-08 10:...	192.168.1.84
sat140-pc.simet.lan			2015-05-20 09:...	192.168.1.7

Clients total: 26 SE... c... t.lan; lab1rm9.simet.lan number of clients: 24 (... opsi.simet.lan)

Grupa *lab1* je formirana i možemo krenuti s "daljinskim upravljanjem" 24 klijenta.



opsi configuration editor - Iceweasel

https://opsi.simet.lan:4447/configured/

File Selection OpsiClient Help

Depot-Server: opsi.simet.lan

GROUPS: lab1

CLIENT LIST:

client name	description	On	last seen	IP address
lab1rm1.simet.lan			2015-07-15 10:...	192.168.1.101
lab1rm10.simet.lan			2015-07-15 12:...	192.168.1.110
lab1rm11.simet.lan			2015-07-15 12:...	192.168.1.111
lab1rm12.simet.lan			2015-07-15 12:...	192.168.1.112
lab1rm13.simet.lan			2015-07-15 12:...	192.168.1.113
lab1rm14.simet.lan			2015-07-15 12:...	192.168.1.114
lab1rm15.simet.lan			2015-07-15 11:...	192.168.1.115
lab1rm17.simet.lan			2015-07-15 12:...	192.168.1.117
lab1rm18.simet.lan			2015-07-15 12:...	192.168.1.118
lab1rm19.simet.lan			2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm20.simet.lan			2015-07-15 12:...	192.168.1.120
lab1rm21.simet.lan			2015-07-15 12:...	192.168.1.121
lab1rm22.simet.lan			2015-07-15 12:...	192.168.1.122
lab1rm23.simet.lan			2015-07-15 12:...	192.168.1.123
lab1rm24.simet.lan			2015-07-15 12:...	192.168.1.124
lab1rm25.simet.lan			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106

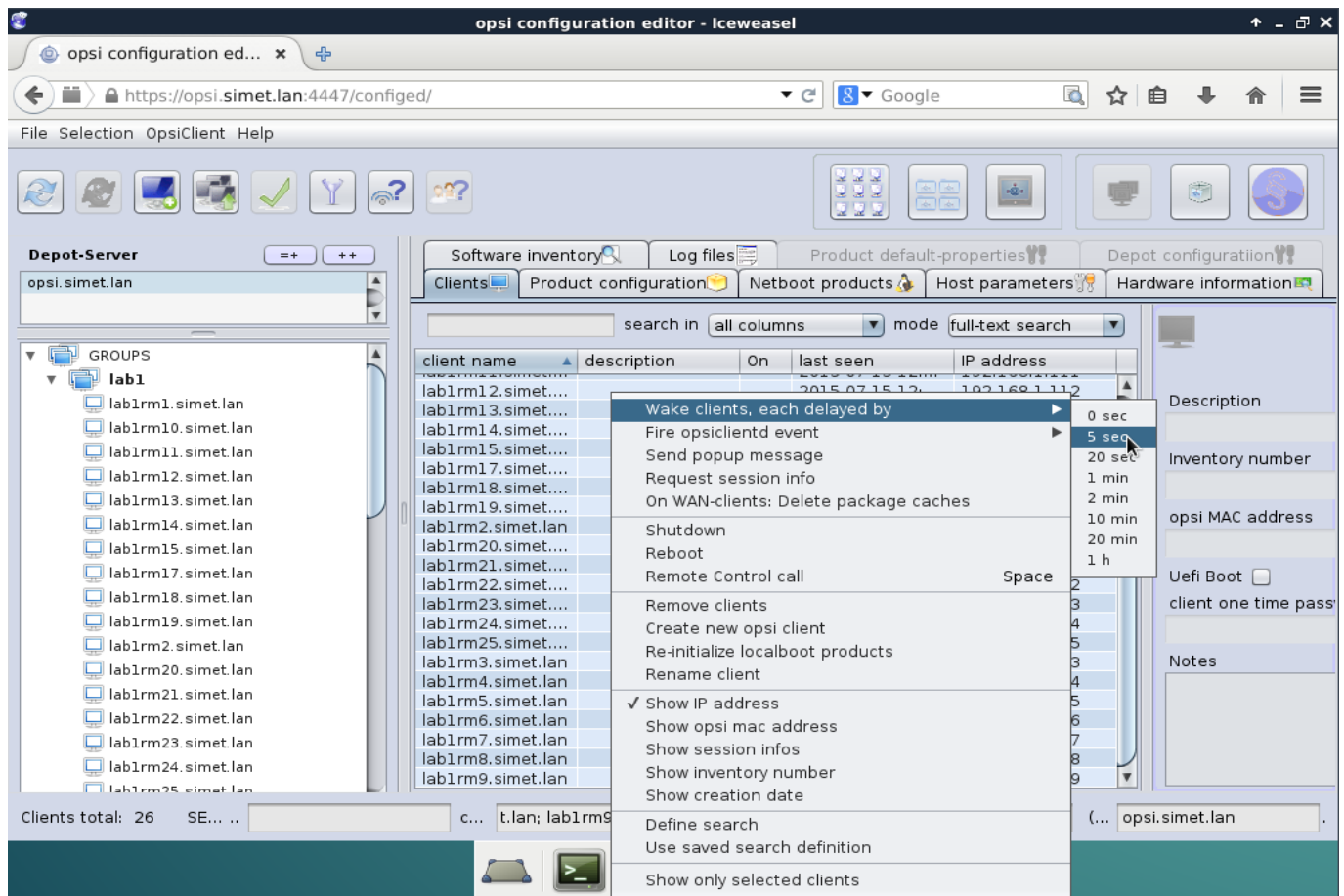
Clients total: 26 SE... lab1 c... number of clients: 24 (...)

Za "buđenje preko mreže" računala moraju biti podešena u BIOS-u na *Wake On LAN* ili *Power Up On PCI Device* opciju. Nakon što smo podesili potrebne opcije BIOS-a u "On" ili "Enabled". Označimo s **CRTL+A** sve klijente iz grupe *lab1*.

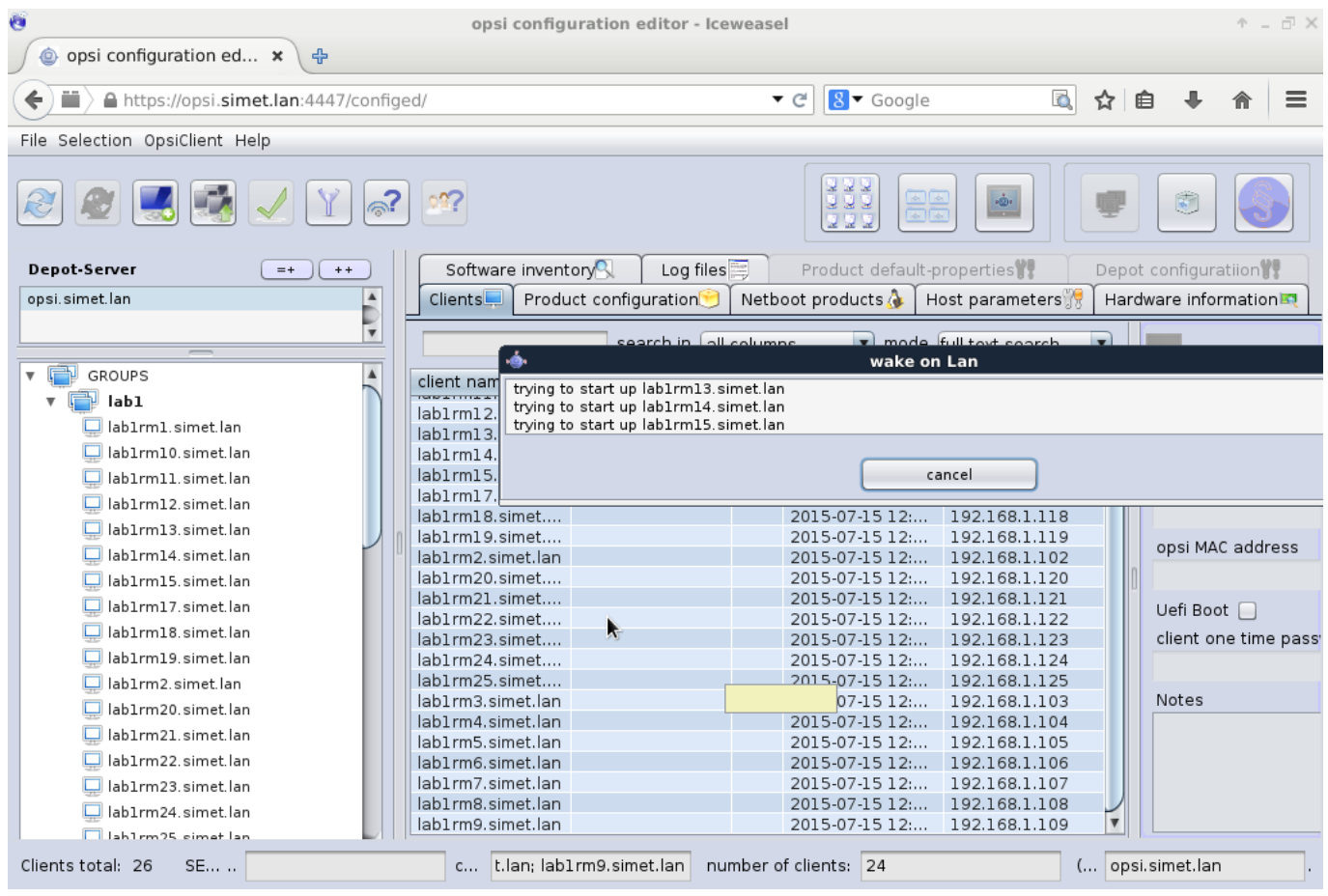
The screenshot displays the Opsi Configuration Editor web interface. The top toolbar contains a button with a question mark icon, which has a tooltip that reads "Check which clients are connected". The main interface is divided into several sections. On the left, there is a "Depot-Server" section with a list of clients under the "lab1" group. The central part of the interface shows a table of clients with columns for "client name", "description", "On", "last seen", and "IP address". The "On" column shows a small circle with a dot, indicating the client is on. The bottom status bar shows "Clients total: 26" and "number of clients: 24".

client name	description	On	last seen	IP address
lab1rm1.simet.lan		•	2015-07-15 10:...	192.168.1.101
lab1rm10.simet...		•	2015-07-15 12:...	192.168.1.110
lab1rm11.simet...		•	2015-07-15 12:...	192.168.1.111
lab1rm12.simet...		•	2015-07-15 12:...	192.168.1.112
lab1rm13.simet...		•	2015-07-15 12:...	192.168.1.113
lab1rm14.simet...		•	2015-07-15 12:...	192.168.1.114
lab1rm15.simet...		•	2015-07-15 11:...	192.168.1.115
lab1rm17.simet...		•	2015-07-15 12:...	192.168.1.117
lab1rm18.simet...		•	2015-07-15 12:...	192.168.1.118
lab1rm19.simet...		•	2015-07-15 12:...	192.168.1.119
lab1rm2.simet.lan		•	2015-07-15 12:...	192.168.1.102
lab1rm20.simet...		•	2015-07-15 12:...	192.168.1.120
lab1rm21.simet...		•	2015-07-15 12:...	192.168.1.121
lab1rm22.simet...		•	2015-07-15 12:...	192.168.1.122
lab1rm23.simet...		•	2015-07-15 12:...	192.168.1.123
lab1rm24.simet...		•	2015-07-15 12:...	192.168.1.124
lab1rm25.simet...		•	2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan		•	2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan		•	2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan		•	2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan		•	2015-07-15 12:...	192.168.1.106

Desnim klikom miša odabiremo "buđenje" klijenata sa odmakom 5 sekundi. Vremenski odmak treba planirati zbog mogućeg strujnog preopterećenja do kojeg bi moglo doći ukoliko bi se klijenti palili istovremeno.



Kreće lančana reakcija. Masovno ustajanje :) Provjeru budnosti možemo pratiti opcijom "Check which clients are connected".

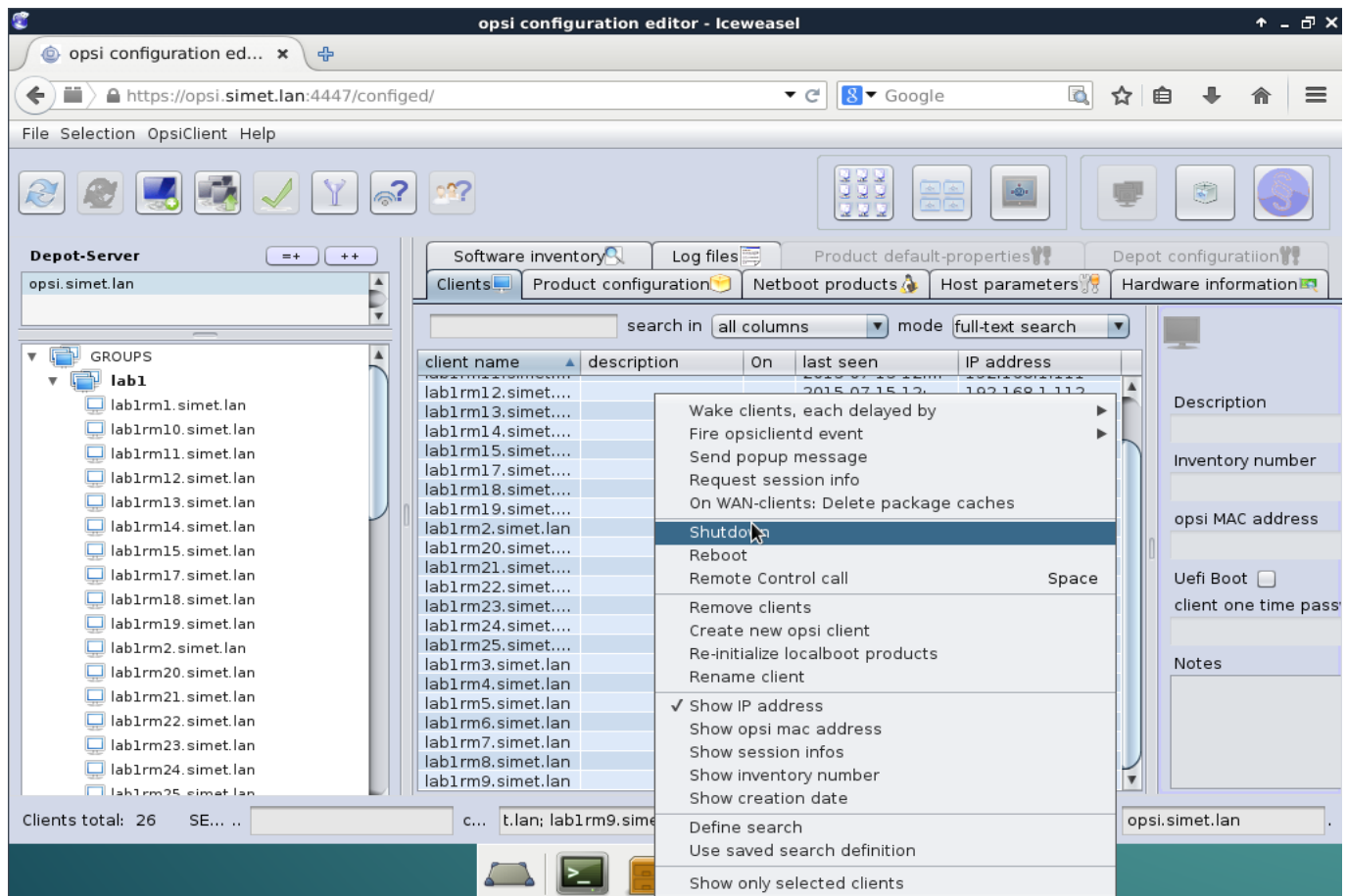


cp

The screenshot shows the 'opsi configuration editor - iceweasel' web interface. The browser address bar shows 'https://opsi.simet.lan:4447/configed/'. The interface includes a top toolbar with various icons, a left sidebar for 'Depot-Server' and 'GROUPS', a central table of client details, and a right sidebar for client-specific information. A red box highlights a wireless network icon in the top toolbar. A modal dialog box is open in the center, displaying the message 'Call for reachable info is running ...' with a 'Close' button.

client name	description	On	last seen	IP address
lab1rm12.simet.lan			2015-07-15 12:...	192.168.1.112
lab1rm10.simet.lan			2015-07-15 12:...	192.168.1.113
lab1rm11.simet.lan			2015-07-15 12:...	192.168.1.114
lab1rm12.simet.lan			2015-07-15 12:...	192.168.1.115
lab1rm13.simet.lan			2015-07-15 12:...	192.168.1.117
lab1rm14.simet.lan			2015-07-15 12:...	192.168.1.118
lab1rm15.simet.lan			2015-07-15 12:...	192.168.1.119
lab1rm16.simet.lan			2015-07-15 12:...	192.168.1.102
lab1rm17.simet.lan			2015-07-15 12:...	192.168.1.120
lab1rm21.simet.lan			2015-07-15 12:...	192.168.1.121
lab1rm22.simet.lan			2015-07-15 12:...	192.168.1.122
lab1rm23.simet.lan			2015-07-15 12:...	192.168.1.123
lab1rm24.simet.lan			2015-07-15 12:...	192.168.1.124
lab1rm25.simet.lan			2015-07-15 12:...	192.168.1.125
lab1rm3.simet.lan			2015-07-15 12:...	192.168.1.103
lab1rm4.simet.lan			2015-07-15 12:...	192.168.1.104
lab1rm5.simet.lan			2015-07-15 12:...	192.168.1.105
lab1rm6.simet.lan			2015-07-15 12:...	192.168.1.106
lab1rm7.simet.lan			2015-07-15 12:...	192.168.1.107
lab1rm8.simet.lan			2015-07-15 12:...	192.168.1.108
lab1rm9.simet.lan			2015-07-15 12:...	192.168.1.109

Napokon na kraju napornog radnog dana istom metodom ugasimo cijelu učionicu jednim klikom miša. Neprocijenjivo je iskustvo kad učionica utihne za manje od 60 sekundi.



Vezani članci:

[Opsi server - Instalacija](#) [1]

[Opsi server - konfiguracija](#) [2]

[Priprema 64-bitne instalacije Windowsa 7 za Opsi server](#) [3]

[Nenadzirana instalacija Windowsa 7 preko mreže](#) [4]

[Instalacija Opsi klijenta](#) [5]

ned, 2015-10-04 08:09 - Goran Šljivić **Kuharice:** [Linux](#) [6]

Kategorije: [Software](#) [7]

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Source URL: <https://sysportal.carnet.hr/node/1562>

Links

- [1] <http://sistemac.carnet.hr/node/1541>
- [2] <http://sistemac.carnet.hr/node/1546>
- [3] <http://sistemac.carnet.hr/node/1548>
- [4] <http://sistemac.carnet.hr/node/1550>
- [5] <http://sistemac.carnet.hr/node/1554>
- [6] <https://sysportal.carnet.hr/taxonomy/term/17>
- [7] <https://sysportal.carnet.hr/taxonomy/term/25>