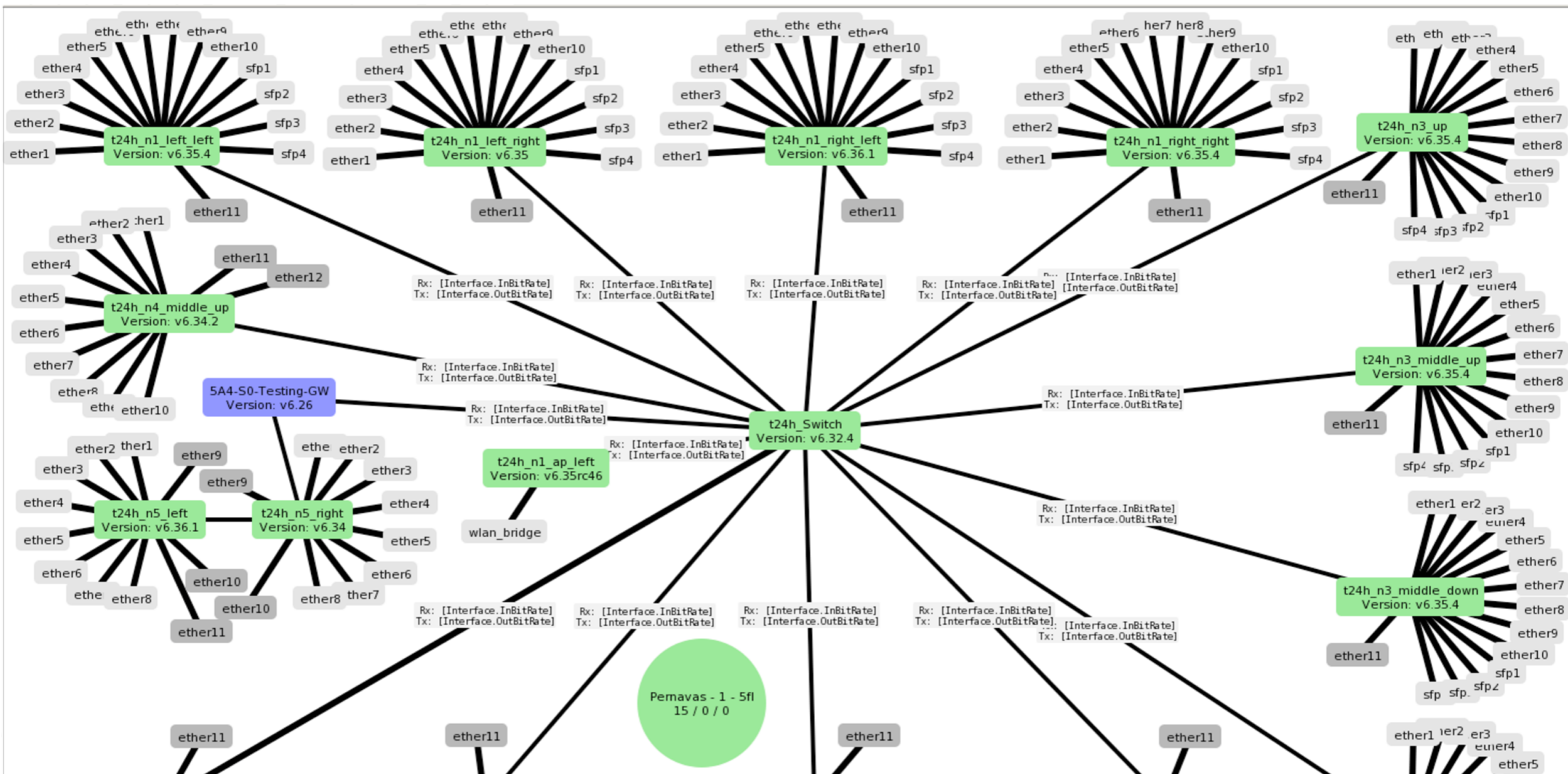


Dude workshop

What is Dude?

One of the most powerful free network monitors



Dude development

First version released at 2006

4.0beta3 was the latest version

Development renewed in 2016

Dude is integrated back to RouterOS package

v6.x Dude changes

Dude is RouterOS version package

Name	Version	Build Time	Scheduled
dude	6.36	Jul/20/2016 14:09:10	
routeros-x86	6.36	Jul/20/2016 14:09:10	
advanced-...	6.36	Jul/20/2016 14:09:10	
dhcp	6.36	Jul/20/2016 14:09:10	
hotspot	6.36	Jul/20/2016 14:09:10	
ipv6	6.36	Jul/20/2016 14:09:10	
mpls	6.36	Jul/20/2016 14:09:10	
ppp	6.36	Jul/20/2016 14:09:10	
routing	6.36	Jul/20/2016 14:09:10	
security	6.36	Jul/20/2016 14:09:10	
system	6.36	Jul/20/2016 14:09:10	
ups	6.36	Jul/20/2016 14:09:10	
wireless-cm2	6.36	Jul/20/2016 14:09:10	

13 items

v6.x Dude changes

Dude Server
All CCR
CHR/x86
RB3011

Dude Client
Windows
No Web
English only

v6.x Dude changes

Login password from MikroTik RouterOS

New user policy Dude

The screenshot displays two windows from the MikroTik WinBox v6.37rc20 interface. The left window, titled 'admin@10.5.99.202 (MikroTik) - WinBox v6.37rc20 on CHR (x86_64)', shows the 'User List' dialog box. A red arrow points to the 'dude' user entry in the list. The 'dude' user is associated with the 'full' group. The 'Group <full>' dialog box is also open, showing a list of policies with 'dude' selected. The right window, titled 'not connected - The Dude 6.37rc20', shows the 'FIREWALL AND BANDWIDTH CONTROL' interface. A red arrow points to the 'User Name' field, which is set to 'dude'.

RouterOS WinBox

admin@10.5.99.202 (MikroTik) - WinBox v6.37rc20 on CHR (x86_64)

not connected - The Dude 6.37rc20

FIREWALL AND BANDWIDTH CONTROL -> WWW

Name	Group	Allowed Address	Last Lo
admin	full		
dude	full		

Group <full>

Name: full

Policies:

- local
- ssh
- reboot
- write
- test
- password
- sniff
- api
- dude
- telnet
- ftp
- read
- policy
- winbox
- web
- sensitive
- romon

Skin: default

Server: 10.5.99.202

Mode: plain secure

Port: 8291

User Name: dude

Remember Password:

Address	User Name	Commen
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v6.x Dude server control

```
[admin@MikroTik] >  
[admin@MikroTik] > dude print  
        enabled: yes  
data-directory: dude  
        status: running  
[admin@MikroTik] >  
[admin@MikroTik] > _
```

v6.x Dude server port

8291 port

For plain and secure mode

v6.x Dude other changes

Major issues fixes

Minor issues fixes

Implementing new features

v6.x Dude changes

Follow MikroTik RouterOS version changelog (look for dude)

Changes are discussed in MikroTik forum at Dude section

Workshop

Install Dude server on CCR

RouterOS

	6.34.6 (Bugfix only)	6.36.2 (Current)	5.26 (Legacy)	6.37rc20 (Release candidate)
MIPSBE CRS, NetBox, NetMetal, PowerBox, QRT, RB9xx, hAP, mAP, RB4xx, cAP, hEX, wAP, BaseBox, DynaDish, RB2011, SXT, OmniTik, Groove, Metal, Sextant, RB7xx				
Main package	↓	↓	↓	↓
Extra packages	↓	↓	↓	↓
SMIPS hAP lite				
Main package	↓	↓	-	↓
Extra packages	↓	↓	-	↓
TILE CCR				
Main package	↓	↓	-	↓
Extra packages	↓	↓	-	↓
The Dude server	↓	↓	-	↓
PPC RB3xx, RB600, RB8xx, RB1xxx				
Main package	↓	↓	↓	↓
Extra packages	↓	↓	↓	↓
ARM RB3011				

Install Dude server on CCR

The screenshot shows the Mikrotik WinBox interface. The top bar displays the session information: 'admin@10.5.99.1 (3B12_SergejsGW_CCR1036) - WinBox v6.37rc14 on CCR1036-8G-2S+ (tile)'. Below this, there are tabs for 'Session', 'Settings', and 'Dashboard'. A 'Safe Mode' button and a 'Session: 10.5.99.1' field are visible. The left sidebar contains a menu of system components, including 'Quick Set', 'CAPsMAN', 'Interfaces', 'Wireless', 'Bridge', 'PPP', 'Mesh', 'IP', 'IPv6', 'MPLS', 'Routing', 'System', 'Queues', 'Files', 'Log', 'Radius', 'Tools', 'New Terminal', 'LCD', 'Partition', 'Make Supout.rif', 'Manual', 'New WinBox', and 'Exit'. A red arrow points from the 'Files' menu item to the 'File List' window. The 'File List' window shows a table with the following data:

File Name	Type	Size	Creation Time
dude-6.36.2-tile.npk	package	1808.1 KIB	Aug/24/2016 15:53:36

At the bottom of the File List window, it shows '1 item', '142.0 MiB of 1024.0 MiB used', and '86% free'.

Dude on CHR

Package List

Check For Updates Enable Disable Uninstall Unschedule Downgrade Check Installation Find

Name	Version	Build Time	Scheduled
dude	6.37rc20	Aug/19/2016 06:35:23	
routeros-x86	6.37rc20	Aug/19/2016 06:35:23	
advanced-...	6.37rc20	Aug/19/2016 06:35:23	
dhcp	6.37rc20	Aug/19/2016 06:35:23	
hotspot	6.37rc20	Aug/19/2016 06:35:23	
ipv6	6.37rc20	Aug/19/2016 06:35:23	
mpls	6.37rc20	Aug/19/2016 06:35:23	
ppp	6.37rc20	Aug/19/2016 06:35:23	
routing	6.37rc20	Aug/19/2016 06:35:23	
security	6.37rc20	Aug/19/2016 06:35:23	
system	6.37rc20	Aug/19/2016 06:35:23	
ups	6.37rc20	Aug/19/2016 06:35:23	
wireless	6.37rc20	Aug/19/2016 06:35:23	

13 items

Preinstalled

CHR

Virtualbox

VMwave

Hyper-V

Amazon Web-services

Few words about CHR

60 days free trial

Multiplatform

License transfer

64-bit CPU support

Level	Price	Support
Free	60 days trial	unlimited
P1	\$45	1 Gbps
P10	\$95	10 Gbps
Punlimited	\$250	unlimited

Things to consider

Disk space on RouterBOARDS!!

Regular Backups

Use secure mode

Live demo

Live demo plan

connect

secure by password

change port

set ACL for Access

Live demo plan 2

Add routers

Setup notifications (sms, e-mail)

Setup custom probes (for example SNMP)

Live demo plan 3

Modify description and add

version, SSID, number of clients at 2GHz/5GHz, uptime

upgrade devices

Live demo plan 3

RouterOS version [oid("1.3.6.1.4.1.14988.1.1.4.4.0")]

2GHz clients [ros_command(":put [/interface wireless registration-table print count-only where interface=wlan1]")]

5GHz clients [ros_command(":put [/interface wireless registration-table print count-only where interface=wlan2]")]

uptime [ros_command(":put /system resource get uptime")]

Future of the Dude

Provisioning

CAPsMAN integration

Web access and App

other features

Future of the Dude

Your suggestions → support@mikrotik.com



Thank you!

