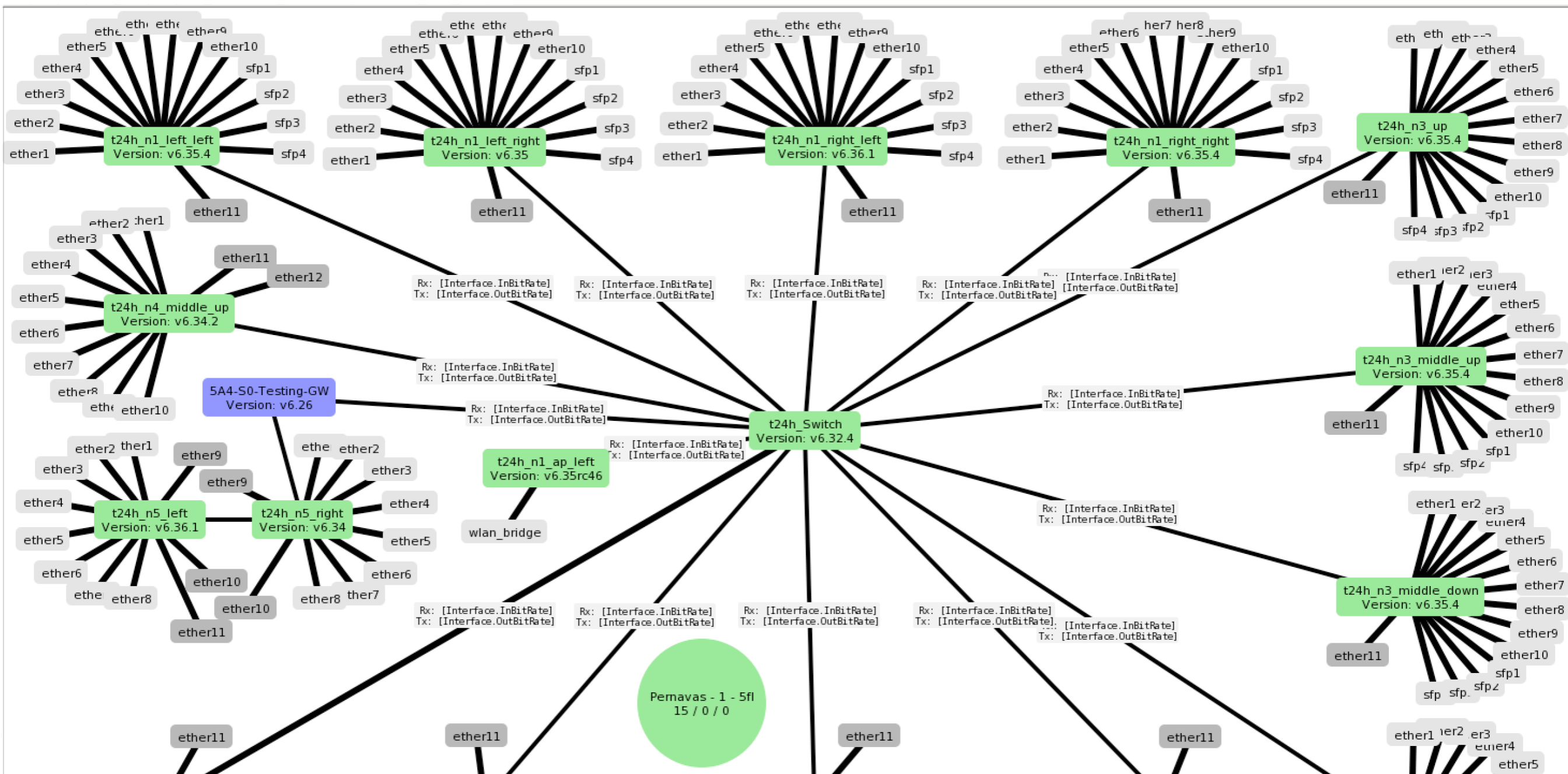


Dude workshop

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 the MikroTik WinBox v6.37rc20 interface. On the left, the 'User List' window shows a table with two users: 'admin' and 'dude', both assigned to the 'full' group. A red arrow points to the 'dude' user. In the center, the 'Group <full>' configuration window is open, showing a list of policies with checkboxes. The 'dude' policy is highlighted with a red underline. On the right, the 'The Dude 6.37rc20' interface is shown, with the 'User Name' field set to 'dude'. A red arrow points to this field. The 'Server' is set to '10.5.99.202' and the 'Port' is '8291'. The 'Mode' is set to 'plain'.

Name	Group	Allowed Address	Last Lo
admin	full		
dude	full		

Name	Group
admin	full
dude	full

Policy	Checked
local	<input checked="" type="checkbox"/>
ssh	<input checked="" type="checkbox"/>
reboot	<input checked="" type="checkbox"/>
write	<input checked="" type="checkbox"/>
test	<input checked="" type="checkbox"/>
password	<input checked="" type="checkbox"/>
sniff	<input checked="" type="checkbox"/>
api	<input checked="" type="checkbox"/>
dude	<input checked="" type="checkbox"/>
telnet	<input checked="" type="checkbox"/>
ftp	<input checked="" type="checkbox"/>
read	<input checked="" type="checkbox"/>
policy	<input checked="" type="checkbox"/>
winbox	<input checked="" type="checkbox"/>
web	<input checked="" type="checkbox"/>
sensitive	<input checked="" type="checkbox"/>
romon	<input checked="" type="checkbox"/>

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

The screenshot shows the RouterOS download page on mikrotik.com. The page is organized into a table with columns for different RouterOS versions: 6.34.6 (Bugfix only), 6.36.2 (Current), 5.26 (Legacy), and 6.37rc20 (Release candidate). The rows represent different architectures and their associated packages. The 'TILE' architecture is highlighted, and within it, 'The Dude server' is specifically pointed out by a red arrow. The 'Main package' and 'Extra packages' are listed for each architecture, with download icons indicating availability.

	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 main window title is "admin@10.5.99.1 (3B12_SergejsGW_CCR1036) - WinBox v6.37rc14 on CCR1036-8G-2S+ (tile)". The interface includes a menu bar with "Session", "Settings", and "Dashboard". Below the menu bar, there are buttons for "Safe Mode" and "Session: 10.5.99.1". A sidebar on the left contains various configuration options: 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 "File List" window is open in the foreground, displaying 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". A red arrow points from the "Interfaces" menu item in the sidebar to the "File List" window.

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

CHR

Oracle VM VirtualBox Manager



 **CHR_dudeserver**
→ Running

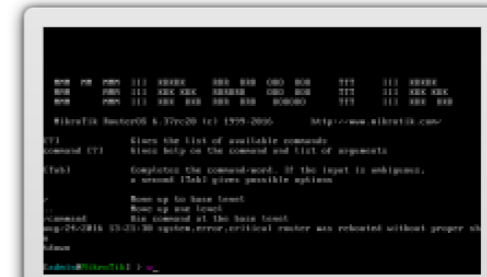
General

Name: CHR_dudeserver
Operating System: Other Linux (64-bit)

System

Base Memory: 256 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX, KVM Paravirtualization

Preview



Display

Video Memory: 16 MB
Remote Desktop Server: Disabled
Video Capture: Disabled

Storage

Controller: IDE
IDE Primary Master: chr-6.36.vdi (Normal, 128,00 MB)
IDE Secondary Master: [Optical Drive] Empty

Audio

Host Driver: CoreAudio
Controller: ICH AC97

Network

Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, en4: USB 10/100/1000 LAN)

USB

USB Controller: OHCI
Device Filters: 0 (0 active)

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

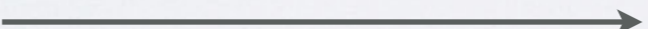
Provisioning

CAPsMAN integration

Web access and App

other features

Future of the Dude

Your suggestions  support@mikrotik.com



Thank you!

