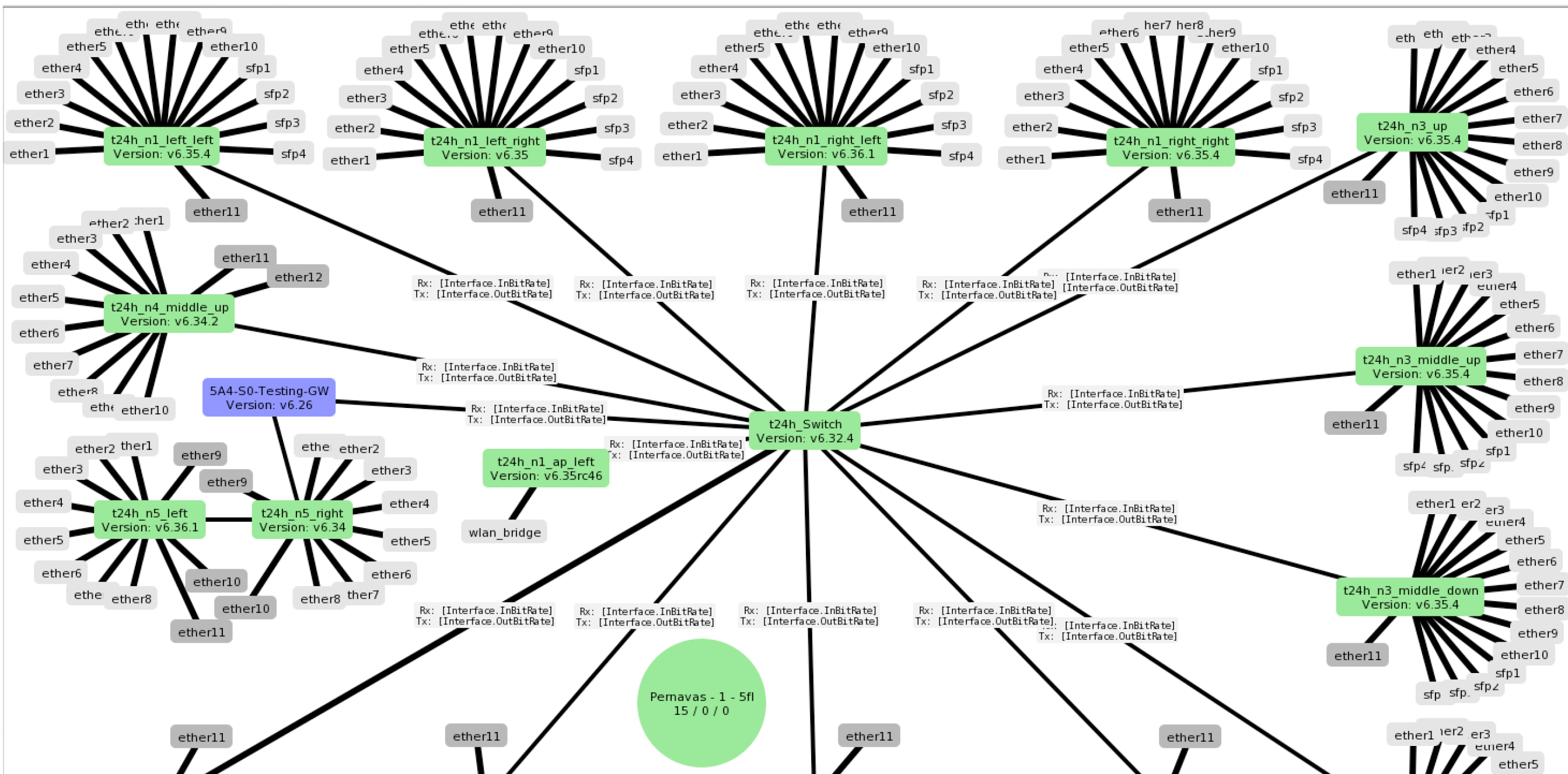


Dude workshop

What is Dude?

One of the most powerful free network monitors



Dude development

First version released at 2006

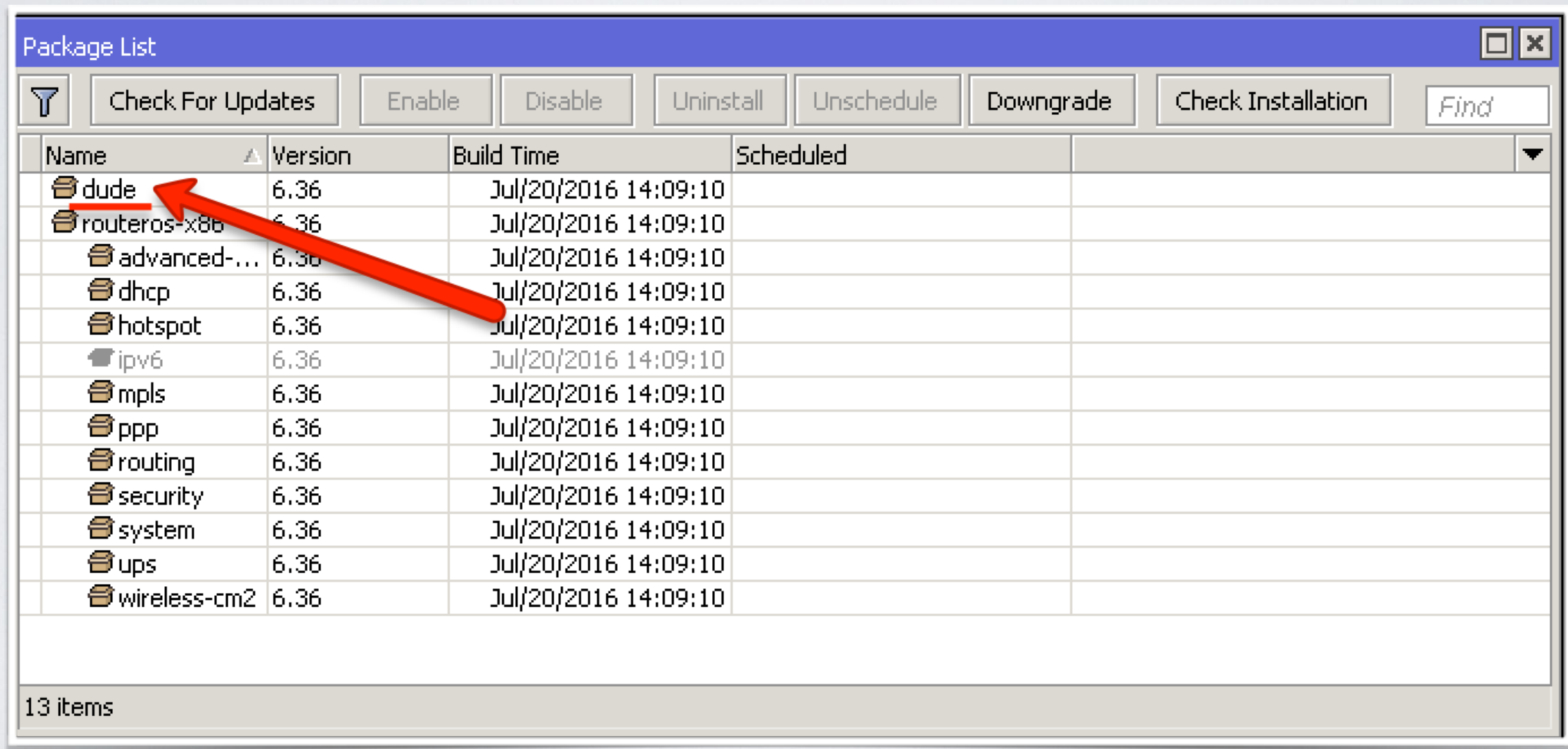
4.0beta3 was the latest version

Development renewed in 2016

Dude is integrated back to RouterOS package

v6.x Dude changes

Dude is RouterOS version package



The screenshot shows the 'Package List' window in Mikrotik WinBox. The window has a blue title bar and a toolbar with buttons: Check For Updates, Enable, Disable, Uninstall, Unschedule, Downgrade, Check Installation, and a Find search box. Below the toolbar is a table with columns: Name, Version, Build Time, and Scheduled. The table lists 13 packages, all at version 6.36, built on Jul/20/2016 at 14:09:10. A red arrow points to the 'dude' package in the first row.

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. The left sidebar shows the 'RouterOS WinBox' menu with options like Quick Set, CAPsMAN, Interfaces, Wireless, Bridge, PPP, Mesh, IP, IPv6, MPLS, Routing, System, Queues, Files, Log, Radius, Tools, New Terminal, Make Supout.rif, Manual, New WinBox, and Exit.

The main window shows the 'User List' window with a table of users. A red arrow points to the 'dude' user in the 'full' group. The 'Group <full>' window is open, showing a list of policies with checkboxes. The 'dude' user is selected in the 'Policies' list. The 'Dude' window is also open, showing the 'User Name' field set to 'dude' and a 'Password' field. A red arrow points to the 'User Name' field.

The 'User List' window shows the following table:

Name	Group	Allowed Address	Last Log
;;; system default user			
admin	full		
dude	full		

The 'Group <full>' window shows the following policies:

Policies	local	telnet
ssh	☒	☒
reboot	☒	☒
write	☒	☒
test	☒	☒
password	☒	☒
sniff	☒	☒
api	☒	☒
dude	☒	☒

The 'Dude' window shows the following fields:

Field	Value
Server	10.5.99.202
Mode	plain
Port	8291
User Name	dude
Password	
Remember Password	☒
Comment	

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

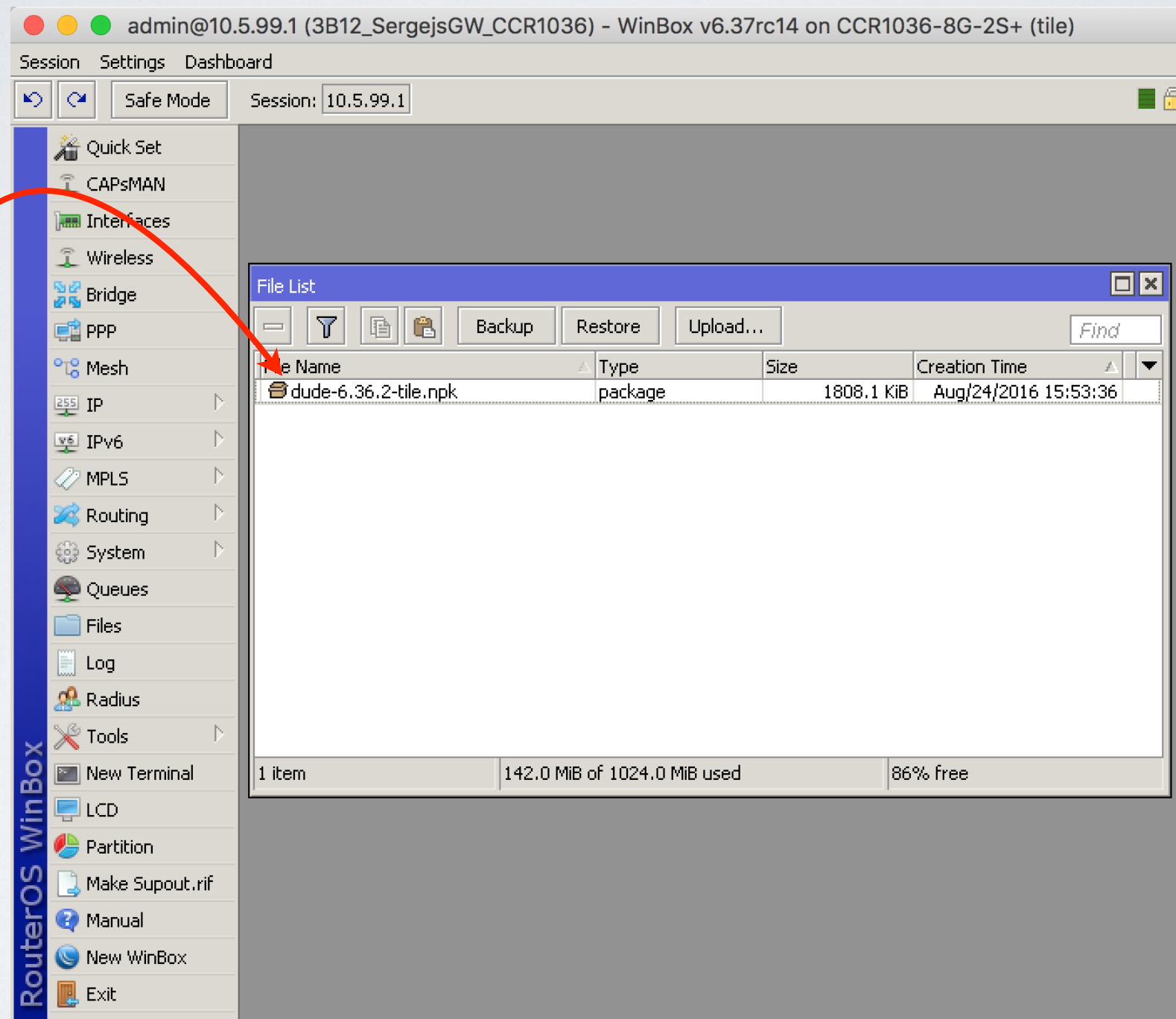
Workshop

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



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

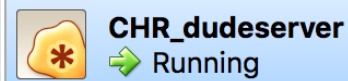
Virtualbox

VMwave

Hyper-V

Amazon Web-services

Oracle VM VirtualBox Manager

**CHR_dudeserver**

➡ Running

 Details
  Snapshots

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

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

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

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

Host Driver: CoreAudio
Controller: ICH AC97

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

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

[illegible]

Few words about CHR

60 days free trial

Multiplatform

License transfer

64-bit CPU support

Level	Price	Support
Free	60 days trial	unlimited
PI	\$45	1 Gbps
PI0	\$95	10Gbps
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!

