

The Dude. Просто и безболезненно

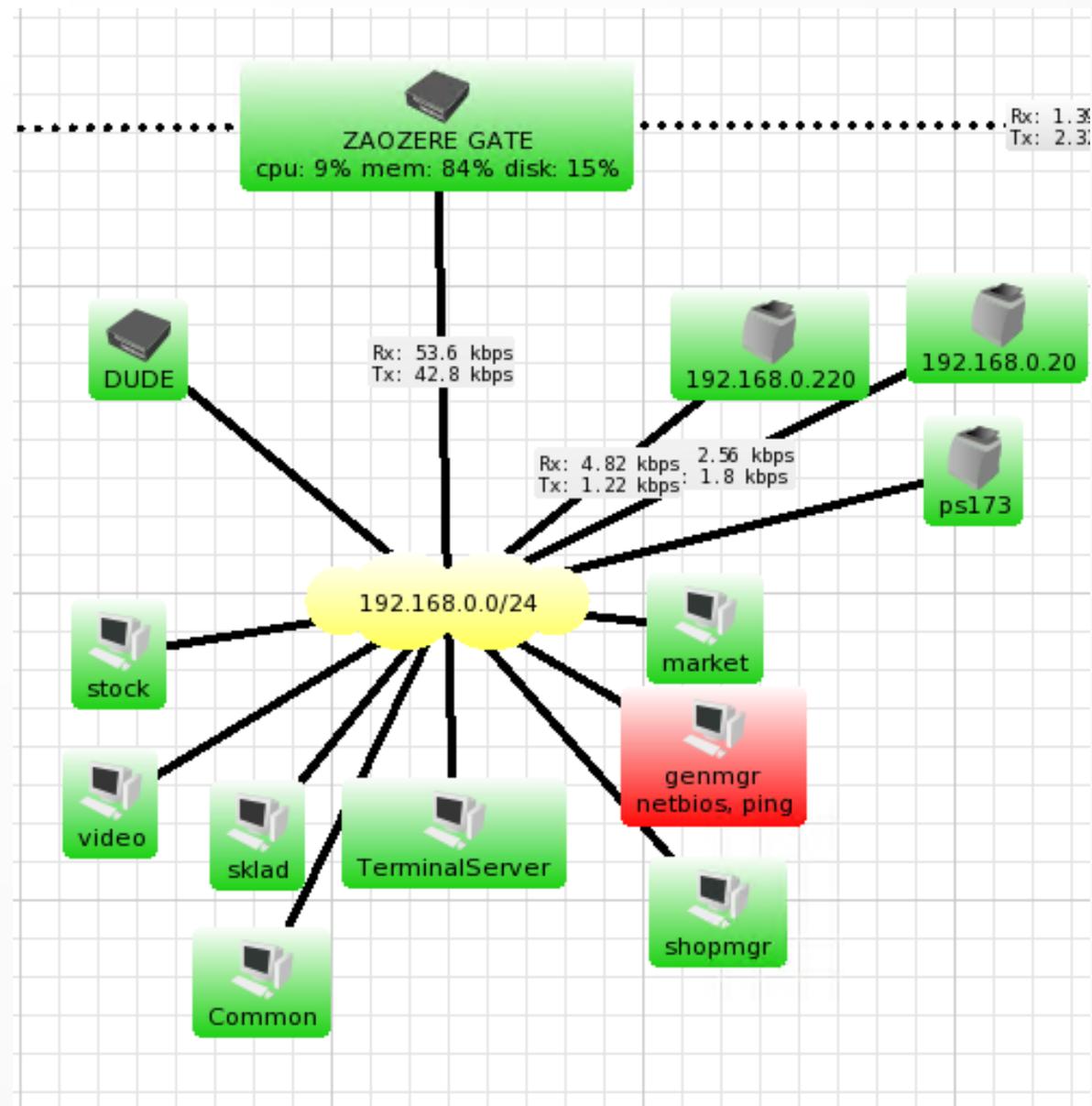
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Интегратор нестандартных решений
MTCNA, MTCRE, MTCWE, MTCSE

<https://wnet.shop>

Преимущества The Dude

- Простая установка
- Простое конфигурирование
- Уведомления
- Карты сети
- Быстрый доступ к устройствам сети
- Бесплатность



Начало работы с Dude

- Установка
- `/dude set enabled=yes`
- Обнаружение устройств
- Настройка дополнительных параметров

Установка

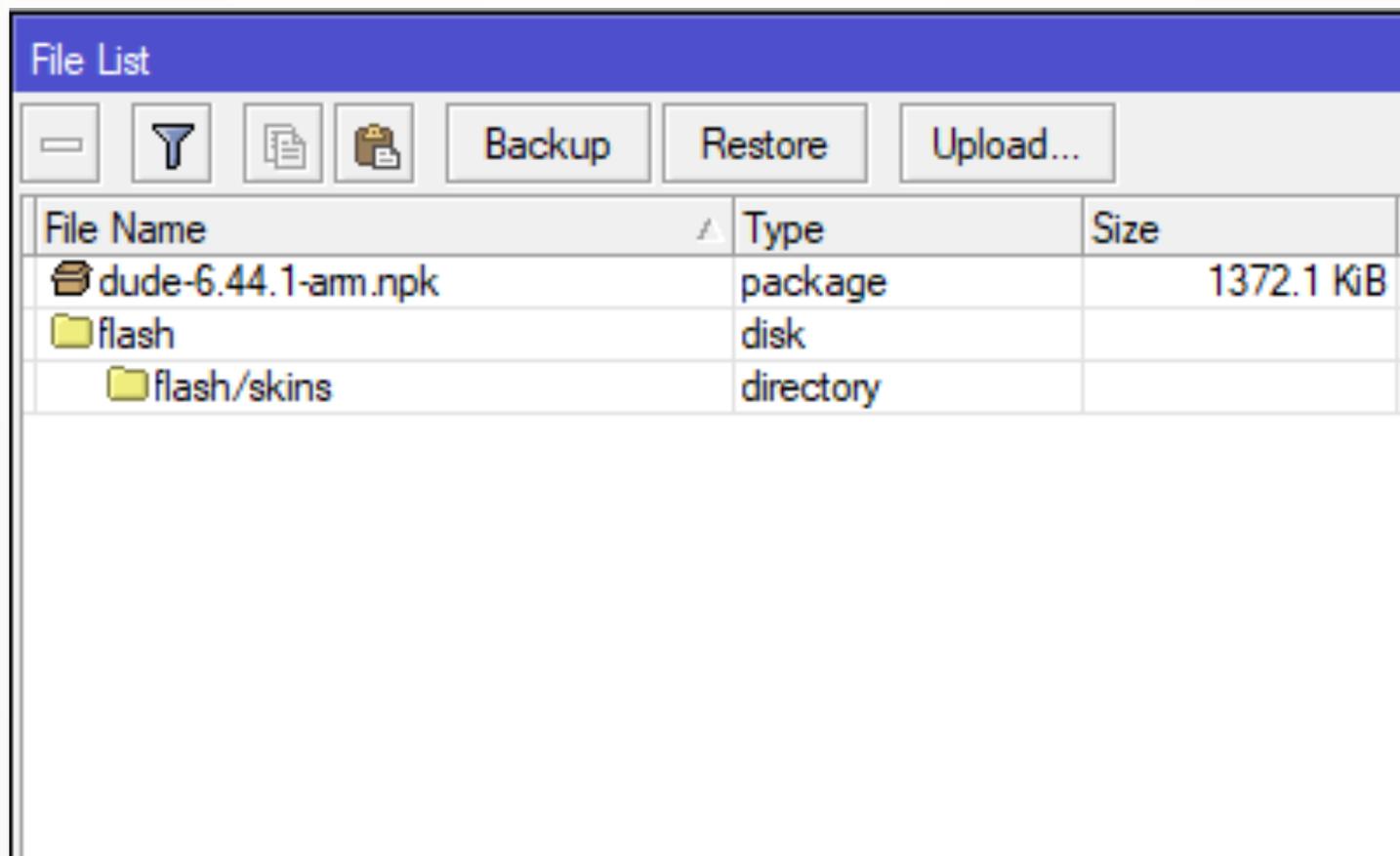
Качаем пакет с mikrotik.com под нужную архитектуру:

TILE, ARM, MMIPS или X86.

TILE	CCR		
Main package			
Extra packages			
The Dude server			
PPC	RB3xx, RB600, RB8xx, RB1100AHx2, RB1100AH, RB1100, RB1200		
Main package			
Extra packages			
ARM	cAP ac, DISC AC, hAP ac², LDF ac, LHG ac, RB4011, SXTsq (ac series), Wireless Wire, CRS3xx, RB3011, RB1100AHx4, RB450Gx4		
Main package			
Extra packages			
The Dude server			

Установка

Переносим файл в Winbox и перезагружаем роутер



The screenshot shows the 'File List' window in Winbox. It features a toolbar with icons for file operations and buttons for 'Backup', 'Restore', and 'Upload...'. Below the toolbar is a table listing files and folders.

File Name	Type	Size
dude-6.44.1-am.npk	package	1372.1 KiB
flash	disk	
flash/skins	directory	

Установка

Включаем Dude через Winbox в Dude->Settings



Установка клиента

Качаем и устанавливаем Dude Client

Upgrading RouterOS

If you are already running RouterOS, upgrading to the latest version can be done by clicking on **"Check For Updates"** in **QuickSet** or **System > Packages** menu in WebFig or WinBox.

See the [documentation](#) for more information about upgrading and release types.

To manage your router, use the web interface, or download the maintenance utilities. Winbox to connect to your device, Dude to monitor your network and Netinstall for recovery and re-installation.



Обнаружение устройств

Device Discovery [Close]

General | Services | Device Types | Advanced

Enter subnet number you want to scan for devices

Scan Networks: 10.0.0.0/8
172.16.0.0/12
192.168.0.0/16

Agent: default

Add Networks To Auto Scan

Black List:

Device Name Preference: DNS, SNMP, NETBIOS, IP

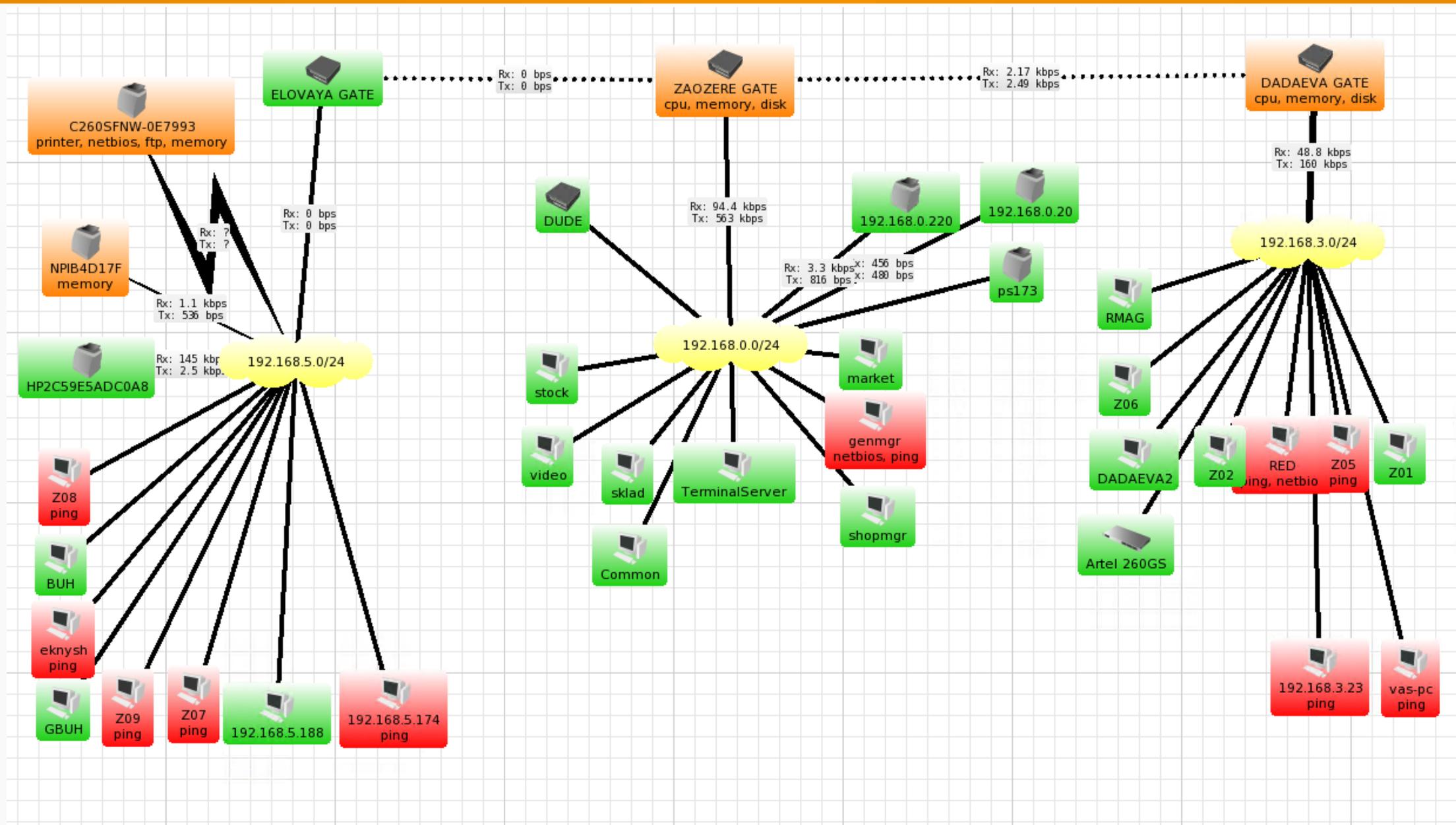
Discovery Mode: fast (scan by ping) reliable (scan each service)

Recursive Hops: 0

Layout Map After Discovery Complete

Discover Cancel

ИТОГ



Настройка почты

The screenshot displays the Mikrotik WinBox interface with the 'Notifications' configuration window open. The left sidebar shows a tree view with 'Notifications' selected. The central pane shows a list of notification types, with 'Notification' (email) highlighted. The right pane shows the configuration details for this notification.

Name	Type
beep	beep
Notification	email
flash	flash
log to events	log
log to syslog	log
popup	popup

General | Schedule | Advanced

Name: Notification

Enabled

Type: email

Server IP:

Server Dns Name: smtp.yandex.ru

Server Port: 465

User: from@wnet.shop

Password:

Tls Mode: tls-only

From: from@wnet.shop

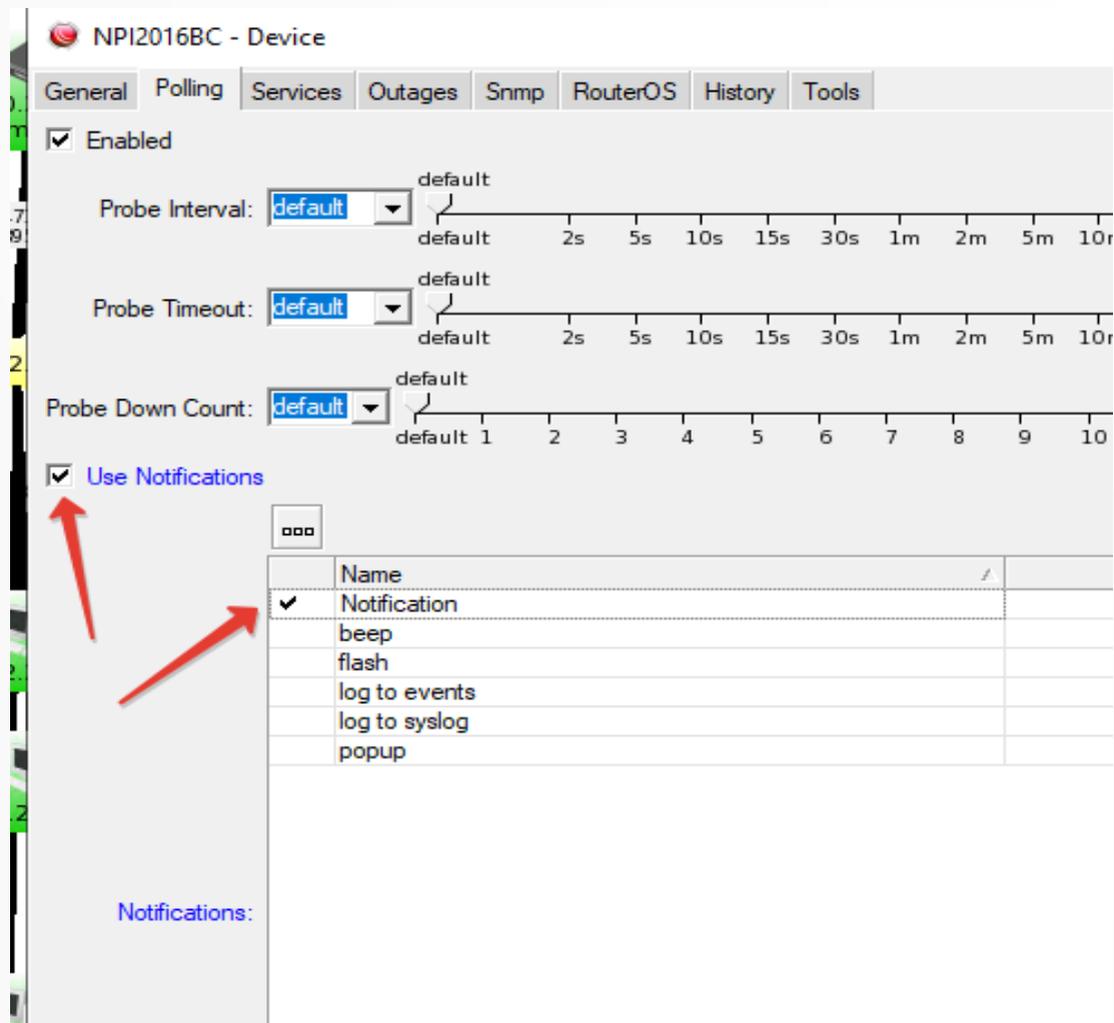
To: toi@wnet.shop

Cc:

Subject: Service [Probe.Name] on [Device.Name] is now [Service.Status] [TimeAndDate]

Body: Service [Probe.Name] on [Device.Name] is now [Service.Status] ([Service.ProblemDescription])

Уведомления



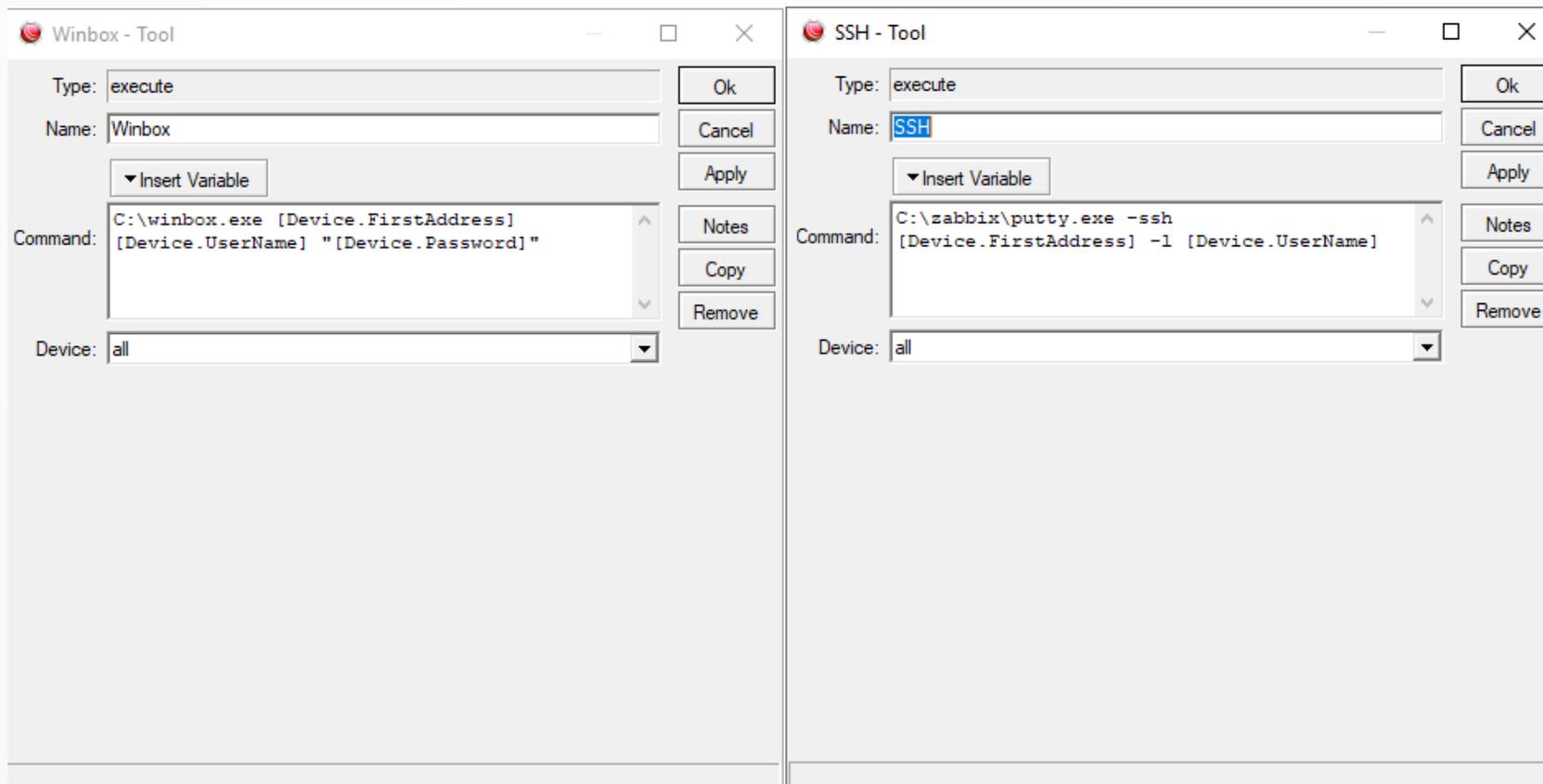
The screenshot shows the configuration page for a device named "NPI2016BC - Device". The "Services" tab is selected. The "Enabled" checkbox is checked. The "Probe Interval" is set to "default", "Probe Timeout" is set to "default", and "Probe Down Count" is set to "default". The "Use Notifications" checkbox is checked. Below this, a table lists notification channels. The "Notification" checkbox is checked, and the "beep" channel is selected. The "log to events" and "log to syslog" channels are also visible.

Name
<input checked="" type="checkbox"/> Notification
beep
flash
log to events
log to syslog
popup

- Уведомления включаются на каждом устройстве отдельно
- Может быть несколько различных каналов для сообщений

Tools

- Настройка подключения Winbox для большого парка RouterOS
`C:\winbox.exe [Device.FirstAddress] [Device.UserName] "[Device.Password]"`
- Подключение по ssh
- `C:\putty.exe -ssh [Device.FirstAddress] -l [Device.UserName] -pw [Device.Password]`



Еще больше возможностей

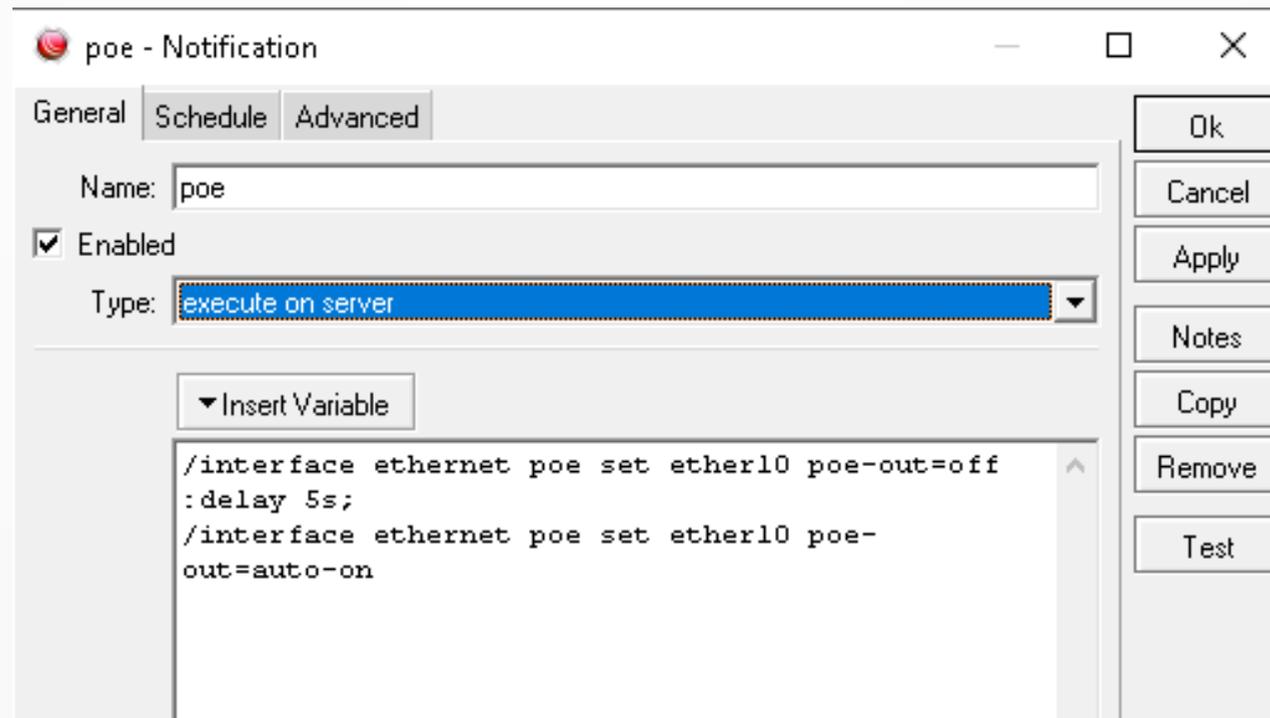
- Использование скриптов
- Единый сервер логирования (syslog)
- Единый сервер обновлений
- Мониторинг сети через агентов

Скрипты

Перезагрузка poe-камеры

```
/interface ethernet poe set ether10 poe-out=off  
:delay 5s;
```

```
/interface ethernet poe set ether10 poe-out=auto-on
```



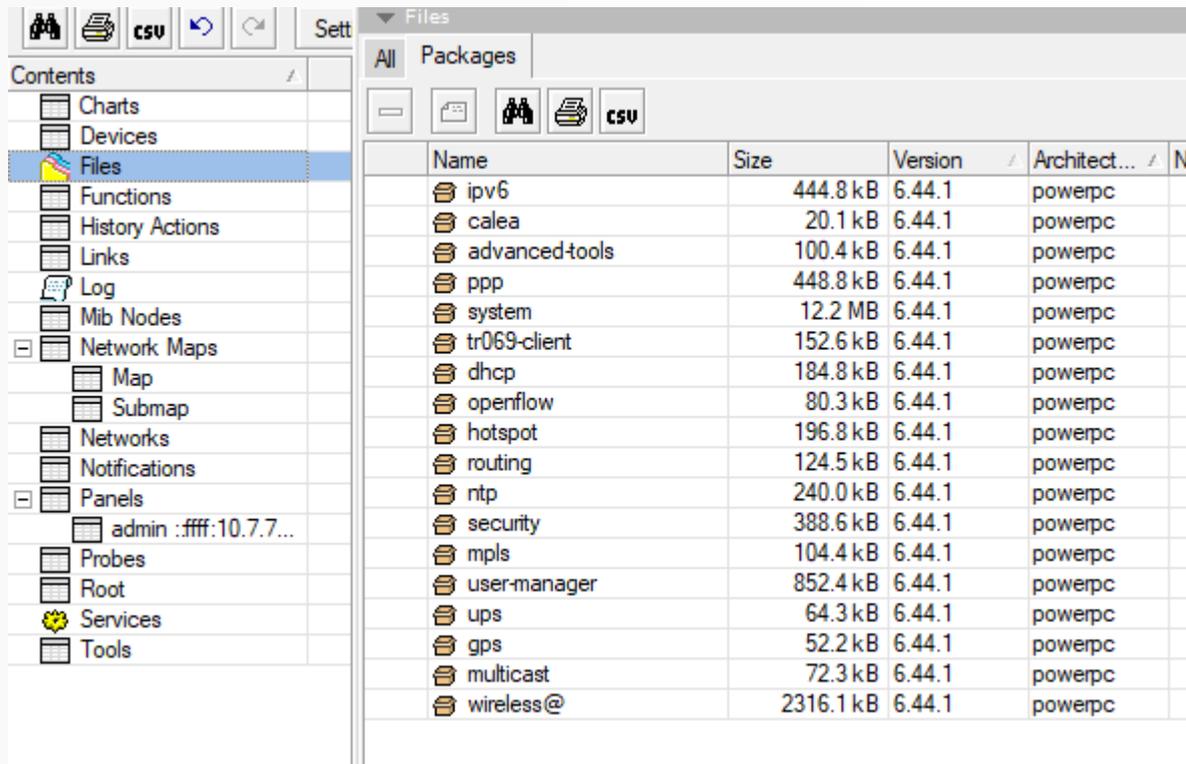
Syslog

На удаленных роутерах System -> Logging

The image shows two overlapping configuration windows from a network device's GUI. The left window, titled "Log Rule <critical>", has a grey background and contains the following fields: "Topics:" with a checkbox and a dropdown menu showing "critical"; "Prefix:" with an empty dropdown menu; "Action:" with a dropdown menu showing "dude"; and a status field at the bottom showing "enabled". The right window, titled "Log Action <dude>", has a blue header and contains: "Name:" with a text field containing "dude"; "Type:" with a dropdown menu showing "remote"; "Remote Address:" with a text field containing "192.168.5.15"; "Remote Port:" with a text field containing "514"; "Src. Address:" with an empty dropdown menu; a checkbox for "BSD Syslog" which is unchecked; "Syslog Facility:" with a dropdown menu showing "3 (daemon)"; and "Syslog Severity:" with an empty dropdown menu.

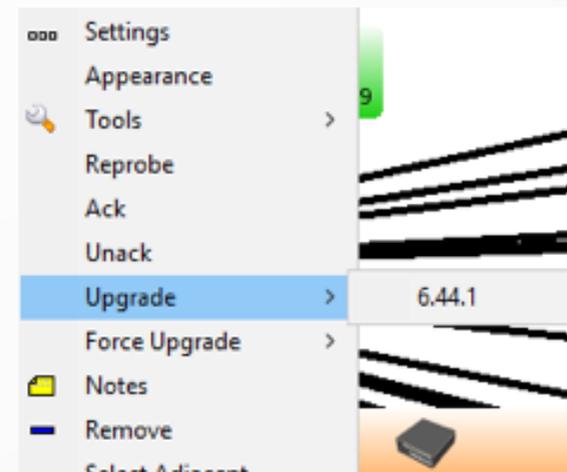
Сервер обновлений

Добавление файлов происходит через Winbox.
Обновить можно только архитектуры,
для которых есть пакеты



The screenshot shows the Mikrotik Winbox interface. The left sidebar contains a tree view with 'Files' selected. The main area displays a table of installed packages.

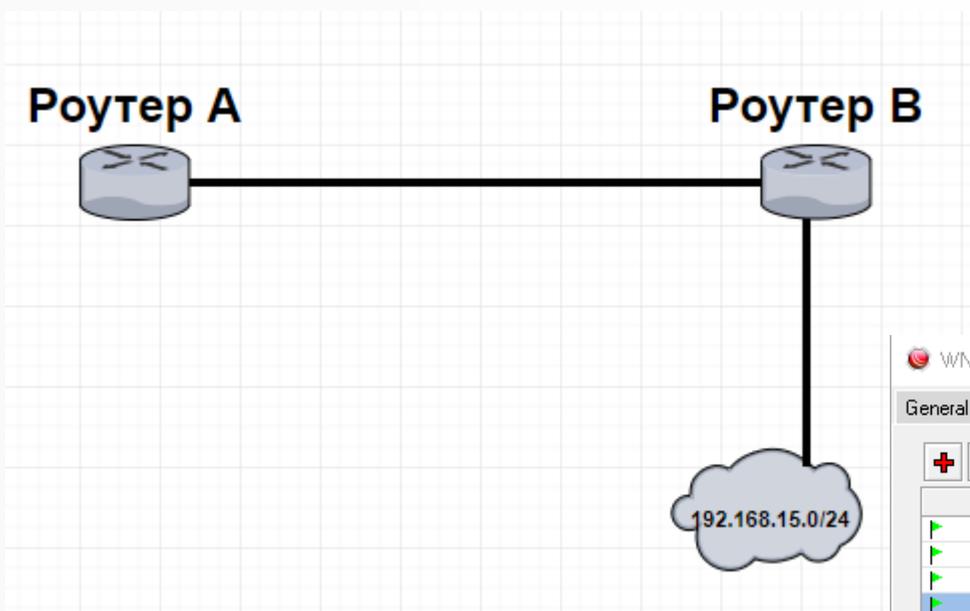
Name	Size	Version	Architect...	N
ipv6	444.8 kB	6.44.1	powerpc	
calea	20.1 kB	6.44.1	powerpc	
advanced-tools	100.4 kB	6.44.1	powerpc	
ppp	448.8 kB	6.44.1	powerpc	
system	12.2 MB	6.44.1	powerpc	
tr069-client	152.6 kB	6.44.1	powerpc	
dhcp	184.8 kB	6.44.1	powerpc	
openflow	80.3 kB	6.44.1	powerpc	
hotspot	196.8 kB	6.44.1	powerpc	
routing	124.5 kB	6.44.1	powerpc	
ntp	240.0 kB	6.44.1	powerpc	
security	388.6 kB	6.44.1	powerpc	
mpls	104.4 kB	6.44.1	powerpc	
user-manager	852.4 kB	6.44.1	powerpc	
ups	64.3 kB	6.44.1	powerpc	
gps	52.2 kB	6.44.1	powerpc	
multicast	72.3 kB	6.44.1	powerpc	
wireless@	2316.1 kB	6.44.1	powerpc	



The screenshot shows the Mikrotik Winbox 'Tools' menu. The 'Upgrade' option is selected, and a sub-menu is visible showing the version '6.44.1'.

- Settings
- Appearance
- Tools >
- Reprobe
- Ack
- Unack
- Upgrade > 6.44.1
- Force Upgrade >
- Notes
- Remove
- Select Adjacent

Мониторим не с сервера



WNETNAS - Device configuration window, showing the Service configuration for a ping probe.

General | Polling | Services | Outages | Snmp | History | Tools

Service configuration details:

- Device: WNETNAS
- Probe: ping
- Agent: 10.7.7.91
- Enabled:
- Probe Port:
- Probe Interval: default (1m, 1h, 1d)
- Probe Timeout: default (1m, 1h, 1d)
- Probe Down Count: default (5, 8, 12, 20)
- Status: up
- Problem:
- Probes Down: 0
- Time Last Up: 00:00:50
- Time Last Down: 00:00:00
- Time Up: 21d 05:50:44
- Time Down: 00:00:00

Buttons: Ok, Cancel, Apply, Notes, Copy, Remove, Reprobe, Ack, Unack

Вопросы

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