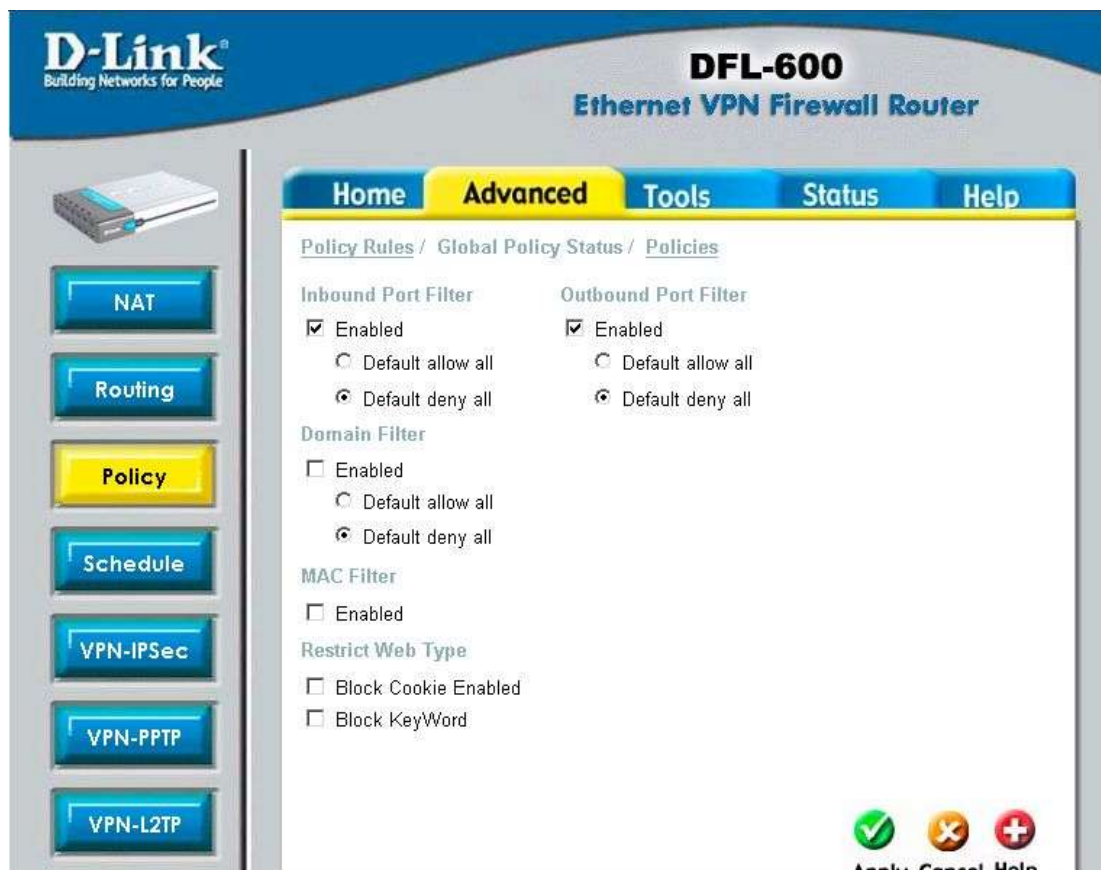


Пример: разрешить FTP на вход и FTP, Web и DNS на выход по рабочим дням (с понедельника по пятницу).

Шаг 1: устанавливаем правило по умолчанию в «запретить все» (deny all) для входного и выходного фильтров:

Advanced->Policy->Global Policy Status



Шаг 2: прописываем правила. Обратите внимание на направление (direction):

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Home **Advanced** Tools Status Help

Policy Rules / Global Policy Status / Policies  
Rule Add / Domain Add / MAC Add / Keywords Add

Rule Name: ftp  
 Transport Type: TCP  
 Protocol: ftp control(21)  
 Direction: **Inbound**  
 Port Range:  Any 21 - 21 (1 - 65535)  
 Source IP Range:  Any 0.0.0.1 - 255.255.255.255  
 Destination IP Range:  Any 0.0.0.1 - 255.255.255.255

Apply Cancel Help

Service Rules  
Total No. of Entries(Out / In+Out): 0 / 1000

Rule name	Type	Protocol	Source ip	Destination ip	Dir.	View	Del
Page							

(1) Добавляем правила для FTP на вход (FTP-in) и на выход (FTP-out).

Home **Advanced** Tools Status Help

Policy Rules / Global Policy Status / Policies  
Rule Add / Domain Add / MAC Add / Keywords Add

Rule Name:   
 Transport Type: TCP  
 Protocol: --user defined--  
 Direction: Inbound  
 Port Range:  Any 0 - 0 (1 - 65535)  
 Source IP Range:  Any 0.0.0.0 - 0.0.0.0  
 Destination IP Range:  Any 0.0.0.0 - 0.0.0.0

Apply Cancel Help

Service Rules  
Total No. of Entries(Out / In+Out): 2 / 1000

Rule name	Type	Protocol	Source ip	Destination ip	Dir.	View	Del
ftp	FTP TCP Control (21)		*	*	in		
ftp1	FTP TCP Control (21)		*	*	out		

Page 1

(2) Добавляем правило для Web на выход (Web-out).

The screenshot shows the Mikrotik WinBox interface with the 'Policy' menu selected. The configuration page for a new rule is displayed. The 'Rule Name' field is empty. The 'Transport Type' is set to 'TCP', and the 'Protocol' is set to '--user defined--'. The 'Direction' is 'Inbound'. The 'Port Range' is set to 'Any' (0 - 65535). The 'Source IP Range' and 'Destination IP Range' are both set to 'Any' (0.0.0.0 - 0.0.0.0). The 'Service Rules' table below shows three existing rules: 'ftp', 'ftp1', and 'web'. The 'web' rule is highlighted in green, indicating it is the active rule being configured. The 'web' rule is a TCP rule for HTTP (80) with source and destination IP ranges set to '\*' and direction set to 'out'.

Policy Rules / Global Policy Status / Policies  
 Rule Add / Domain Add / MAC Add / Keywords Add

Rule Name:

Transport Type: TCP

Protocol: --user defined--

Direction: Inbound

Port Range:  Any 0 - 0 (1 - 65535)

Source IP Range:  Any 0.0.0.0 - 0.0.0.0

Destination IP Range:  Any 0.0.0.0 - 0.0.0.0

Apply Cancel Help

Service Rules

Total No. of Entries(Out / In+Out): 3 / 1000

Rule name	Type	Protocol	Source ip	Destination ip	Dir.	View	Del
ftp	TCP	FTP Control (21)	*	*	in		
ftp1	TCP	FTP Control (21)	*	*	out		
web	TCP	HTTP (80)	*	*	out		

(3) добавляем правило для DNS на выход (DNS-out).

The screenshot shows the Mikrotik WinBox interface with the 'Policy' menu selected. The configuration page for a new rule is displayed. The 'Rule Name' field is empty. The 'Transport Type' is set to 'TCP', and the 'Protocol' is set to '--user defined--'. The 'Direction' is 'Inbound'. The 'Port Range' is set to 'Any' (0 - 65535). The 'Source IP Range' and 'Destination IP Range' are both set to 'Any' (0.0.0.0 - 0.0.0.0). The 'Service Rules' table below shows four existing rules: 'ftp', 'ftp1', 'web', and 'DNS'. The 'DNS' rule is highlighted in yellow, indicating it is the active rule being configured. The 'DNS' rule is a UDP rule for DNS (53) with source and destination IP ranges set to '\*' and direction set to 'out'.

Policy Rules / Global Policy Status / Policies  
 Rule Add / Domain Add / MAC Add / Keywords Add

Rule Name:

Transport Type: TCP

Protocol: --user defined--

Direction: Inbound

Port Range:  Any 0 - 0 (1 - 65535)

Source IP Range:  Any 0.0.0.0 - 0.0.0.0

Destination IP Range:  Any 0.0.0.0 - 0.0.0.0

Apply Cancel Help

Service Rules

Total No. of Entries(Out / In+Out): 4 / 1000

Rule name	Type	Protocol	Source ip	Destination ip	Dir.	View	Del
ftp	TCP	FTP Control (21)	*	*	in		
ftp1	TCP	FTP Control (21)	*	*	out		
web	TCP	HTTP (80)	*	*	out		
DNS	UDP	DNS(53)	*	*	out		

Шаг 3: устанавливаем расписание – выделяем рабочие дни

Home **Advanced** Tools Status Help

Schedule Rules / Schedule Table

Schedule Name:

Scheduling

Time	hr	0	1	2	3	4	5	6	7	8	9	10	11	
Sun	am	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> all
	pm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> all
Mon	am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
	pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
Tue	am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
	pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
Wed	am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
	pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
Thr	am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
	pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
Fri	am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
	pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> all
Sat	am	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> all
	pm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> all

Apply Cancel Help

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Home **Advanced** Tools Status Help

Schedule Rules / Schedule Table

Total No. of Entries: 3 / 15

Schedule Name	Gant View	Schedule View	Delete
Always			
None			
workday			

Page 1

Step 4: конфигурируем полиси. Обратите внимание на действие правил для полиси (Action). В данном случае выставляем «разрешить» (permit). Далее нажимаем на “T” для редактирования.

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Home **Advanced** Tools Status Help

Policy Rules / Global Policy Status / Policies

Policy Add

Policy Name:

Assigne to Schedule:

Action:

**Apply Cancel Help**

Total No. of Entries: 1 / 30

ID	Name	Schedule	Rule	Domain	MAC	Keyword	Action	Priority	Edit	Del
1	all	workday					Permit	Sort		

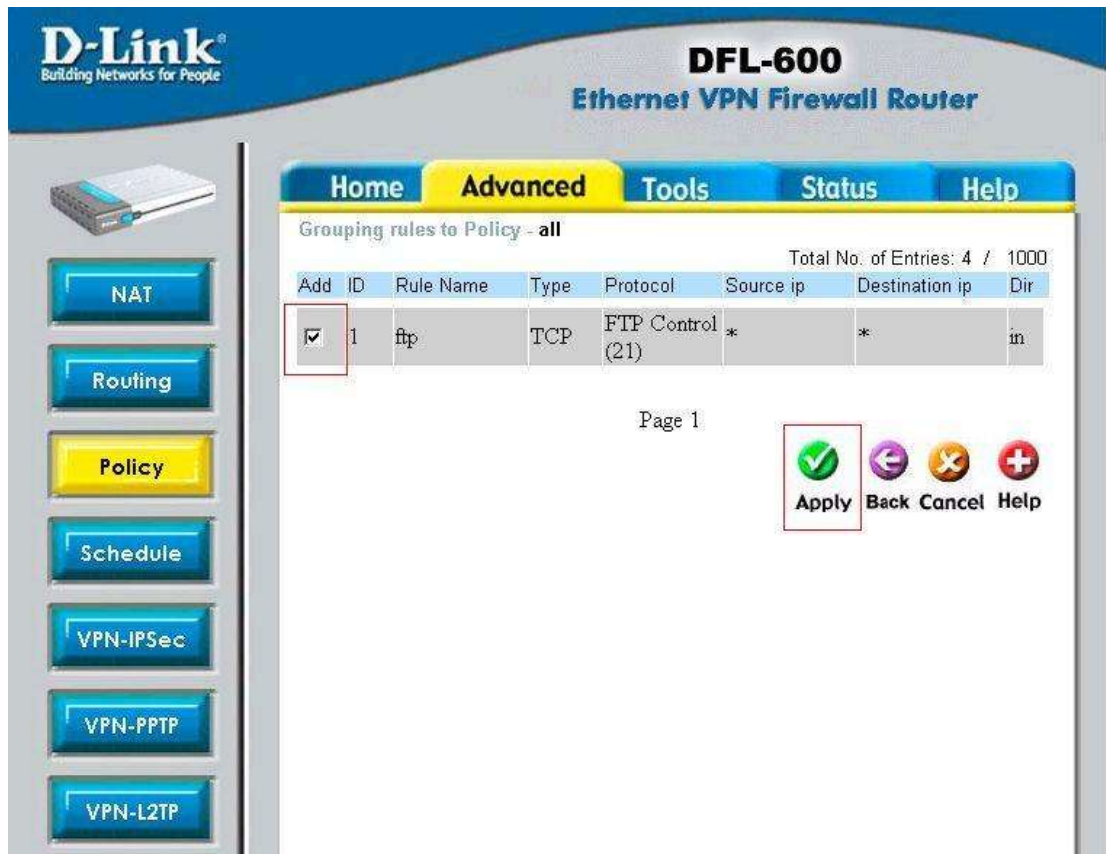
Page 1

Click it

Шаг 5: включаем фильтр, применяем (Apply). Далее нажимаем “Inbound Firewall Rule” (правила на вход)



Шаг 6: Добавляем правило ftp-in и применяем (Apply).



Шаг 7: нажимаем “Outbound Firewall Rule” (правила на выход)

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Home **Advanced** Tools Status Help

Policy Rules / Global Policy Status / Policies

Policy Name:

Assigne to Schedule:

Action:  for rule filter

Rule Filter

Enabled

["Inbound Firewall Rule"](#) **["Outbound Firewall Rule"](#)**

Domain Filter

Enabled

["Deny Domain"](#) ["Allow Domain"](#)

MAC Filter

Enabled

["Deny Blocked MAC"](#)

Keyword Filter

Enabled

["Keywords Block"](#)

Apply Back Cancel Help

Шаг 8: добавляем правило ftp-out, web-out и DNS-out и применяем (Apply).

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Home **Advanced** Tools Status Help

Grouping rules to Policy - all

Total No. of Entries: 4 / 1000

Add	ID	Rule Name	Type	Protocol	Source ip	Destination ip	Dir
<input checked="" type="checkbox"/>	2	ftp1	TCP	FTP Control (21)	*	*	out
<input checked="" type="checkbox"/>	3	web	TCP	HTTP(80)	*	*	out
<input checked="" type="checkbox"/>	4	DNS	UDP	DNS(53)	*	*	out

Page 1

Apply Back Cancel Help

Шаг 9: окончание.

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Home **Advanced** Tools Status Help




[Policy Rules](#) / [Global Policy Status](#) / [Policies](#)

Policy Add

Policy Name



Assign to Schedule Always ▾

Action Deny ▾

**Apply Cancel Help**

Total No. of Entries: 1 / 30

ID	Name	Schedule	Rule	Domain	MAC	Keyword	Action	Priority	Edit	Del
1	all	workday	Enable				Permit Sort			

Page 1