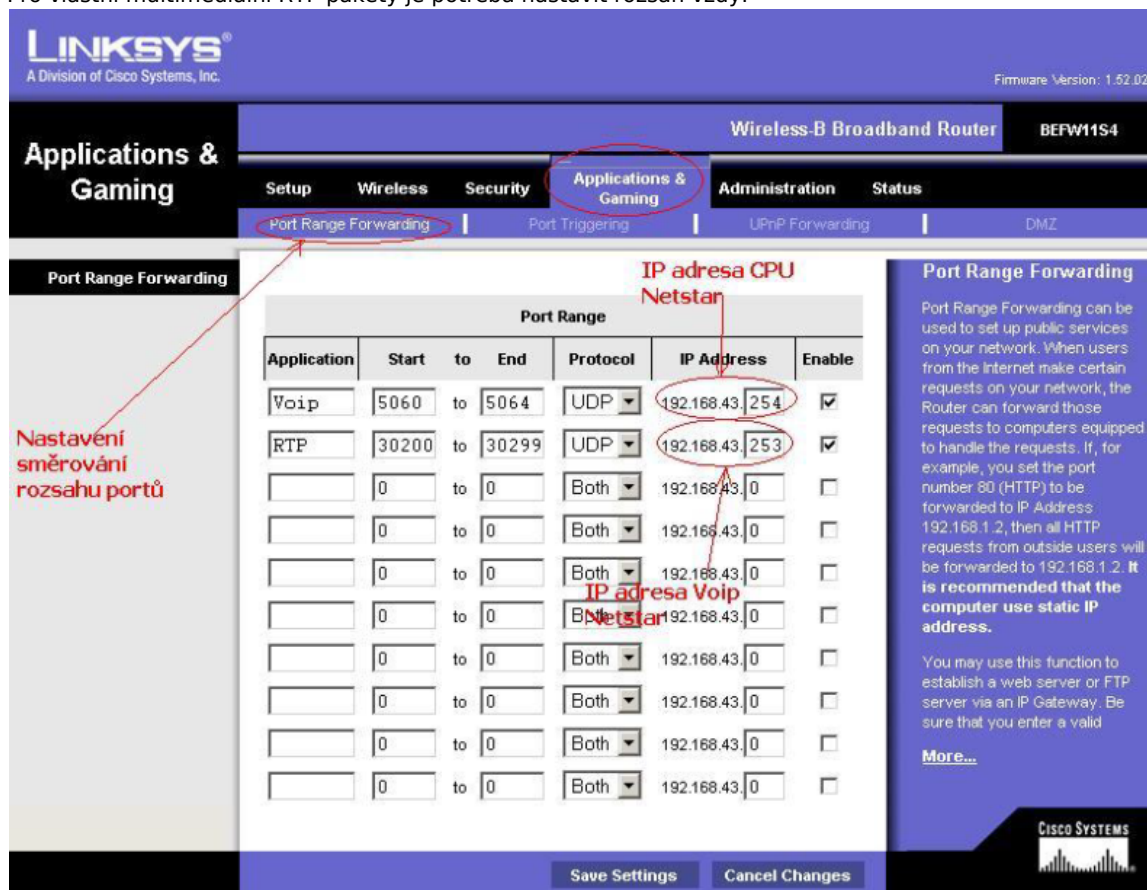


Linksys a Ovislink routery - Jak je nastavit s 2N® NetStar

- Při konfigurování NAT tunelu bude vždy potřeba nastavit forwardování portu pro SIP signalizaci a RTP multimedální streamy. Jedná se o UDP pakety [User Data Protokol]
- Tyto pravidla se nastavují v adresářích určených pro mapování, přesměrování portů, či Virtual server apod - záleží na výrobci routeru. Na print screenech je zobrazeno nastavení routeru LINKSYSY BEFW11S4 a Ovislink

Linksys

- Potřebná pravidla nastavíme v adresáři Applications/Gaming/Port Range Forwarding
- Zpravidla zde můžeme také nastavit port i pro sip signalizaci, který je defaultně na portu 5060. Záleží také na tom, zda budeme mít registraci pouze k poskytovateli voip volání nebo budeme přičkovat více ústředěn pomocí sip trunku a každá z ústředěn bude mít vlastní sip port pro signalizaci. V takovém případě uplatníme nastavení z obrázku 1.
- Pro vlastní multimedální RTP pakety je potřeba nastavit rozsah vždy.



LINKSYS®
A Division of Cisco Systems, Inc. Firmware Version: 1.52.02

Wireless-B Broadband Router **BEFW11S4**

Applications & Gaming

Port Range Forwarding

Application	Start	to	End	Protocol	IP Address	Enable
Voip	5060	to	5064	UDP	192.168.43.254	<input checked="" type="checkbox"/>
RTP	30200	to	30299	UDP	192.168.43.253	<input checked="" type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>

Save Settings Cancel Changes

- Pokud budeme mít pouze aktivní registraci k operátorovi, je možné nastavit pouze mapování RTP portů v Applications/Gaming/Port Range Forwarding a vlastní port pro SIP signalizaci 5060 nastavit v UPnP Forwarding. Viz následující obrázky :

LINKSYS®
A Division of Cisco Systems, Inc. Firmware Version: 1.52.02

Wireless-B Broadband Router BEFW1154

Applications & Gaming

Setup Wireless Security Applications & Gaming Administration Status

Port Range Forwarding Port Triggering UPNP Forwarding DMZ

UPnP Forwarding

Application	Ext.Port	TCP	UDP	Int.Port	IP Address	Enabled
FTP	21	<input checked="" type="radio"/>	<input type="radio"/>	21	0	<input type="checkbox"/>
Telnet	23	<input checked="" type="radio"/>	<input type="radio"/>	23	0	<input type="checkbox"/>
SMTP	25	<input checked="" type="radio"/>	<input type="radio"/>	25	0	<input type="checkbox"/>
DNS	53	<input type="radio"/>	<input checked="" type="radio"/>	53	0	<input type="checkbox"/>
TFTP	69	<input type="radio"/>	<input checked="" type="radio"/>	69	0	<input type="checkbox"/>
finger	79	<input checked="" type="radio"/>	<input type="radio"/>	79	0	<input type="checkbox"/>
HTTP	80	<input checked="" type="radio"/>	<input type="radio"/>	80	0	<input type="checkbox"/>
POP3	110	<input checked="" type="radio"/>	<input type="radio"/>	110	0	<input type="checkbox"/>
NNTP	119	<input checked="" type="radio"/>	<input type="radio"/>	119	0	<input type="checkbox"/>
SNMP	161	<input type="radio"/>	<input checked="" type="radio"/>	161	0	<input type="checkbox"/>
VOIP	5060	<input type="radio"/>	<input checked="" type="radio"/>	5060	254	<input checked="" type="checkbox"/>
	0	<input type="radio"/>	<input checked="" type="radio"/>	0	0	<input type="checkbox"/>
	0	<input type="radio"/>	<input checked="" type="radio"/>	0	0	<input type="checkbox"/>
	0	<input type="radio"/>	<input checked="" type="radio"/>	0	0	<input type="checkbox"/>
	0	<input type="radio"/>	<input checked="" type="radio"/>	0	0	<input type="checkbox"/>

Nastavení směrování udp portů pro signalizaci SIP

Definování vlastního pravidla

IP adresa CPU NETSTAR

UPnP Forwarding

UPnP Forwarding can be used to set up public services on your network. When users from the Internet make certain requests on your network, the Router can forward those requests to computers equipped to handle the requests. If, for example, you set the port number 80 (HTTP) to be forwarded to IP Address 192.168.1.2, then all HTTP requests from outside users will be forwarded to 192.168.1.2. It is recommended that the computer use static IP address.

You may use this function to establish a Web server or FTP server via an IP Gateway. In this format, Windows XP can be used to configure this through UPnP communication. Be sure that you enter a valid IP Address. (You may need to establish a static IP address with your ISP in order to properly run an Internet server.) For added security,

More...

Save Settings Cancel Changes

CISCO SYSTEMS

LINKSYS®
A Division of Cisco Systems, Inc. Firmware Version: 1.52.03

Wireless-B Broadband Router BEFW11S4

Applications & Gaming

Setup | Wireless | Security | Applications & Gaming | Administration | Status

Port Range Forwarding | Port Triggering | UPnP Forwarding | DMZ

Port Range Forwarding

IP VOIP Netstar

Port Range

Application	Start	to	End	Protocol	IP Address	Enable
RTP	30200	to	30299	UDP	192.168.43.253	<input checked="" type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>

Save Settings | Cancel Changes

Port Range Forwarding

Port Range Forwarding can be used to set up public services on your network. When users from the Internet make certain requests on your network, the Router can forward those requests to computers equipped to handle the requests. If, for example, you set the port number 80 (HTTP) to be forwarded to IP Address 192.168.1.2, then all HTTP requests from outside users will be forwarded to 192.168.1.2. **It is recommended that the computer use static IP address.**

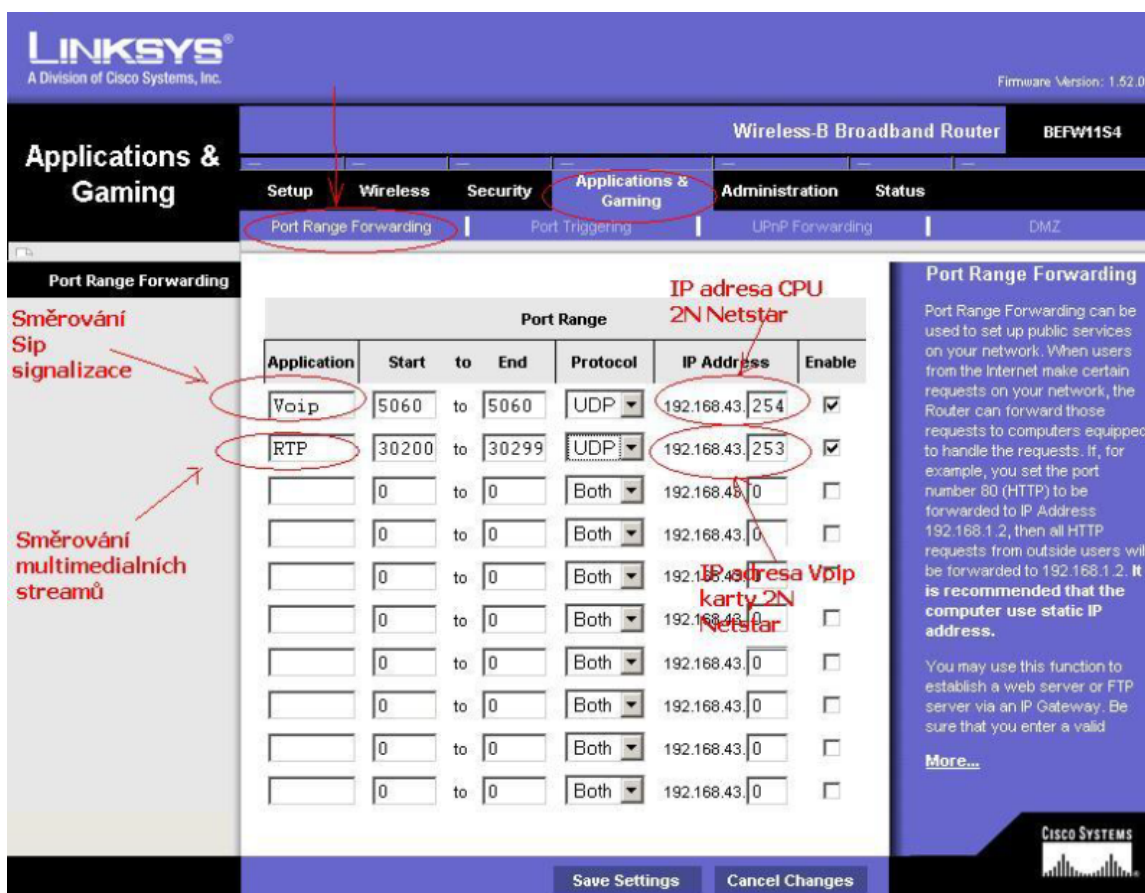
You may use this function to establish a web server or FTP server via an IP Gateway. Be sure that you enter a valid

[More...](#)

CISCO SYSTEMS

Nastavení směrování rozsahu RTP portů

- Stejné funkcionality však dosáhneme i s tímto nastavením pouze v Applications/Gaming/Port Range Forwarding



LINKSYS®
A Division of Cisco Systems, Inc. Firmware Version: 1.52.0

Wireless-B Broadband Router BEFW11S4

Applications & Gaming

Setup Wireless Security Applications & Gaming Administration Status

Port Range Forwarding Port Triggering UPnP Forwarding DMZ

Port Range Forwarding

Směrování Sip signalizace

Směrování multimedialních streamů

IP adresa CPU 2N Netstar

Application	Start	to	End	Protocol	IP Address	Enable
Voip	5060	to	5060	UDP	192.168.43.254	<input checked="" type="checkbox"/>
RTP	30200	to	30299	UDP	192.168.43.253	<input checked="" type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>
	0	to	0	Both	192.168.43.0	<input type="checkbox"/>

IP adresa Voip karty 2N Netstar

Port Range Forwarding can be used to set up public services on your network. When users from the Internet make certain requests on your network, the Router can forward those requests to computers equipped to handle the requests. If, for example, you set the port number 80 (HTTP) to be forwarded to IP Address 192.168.1.2, then all HTTP requests from outside users will be forwarded to 192.168.1.2. It is recommended that the computer use static IP address.

You may use this function to establish a web server or FTP server via an IP Gateway. Be sure that you enter a valid

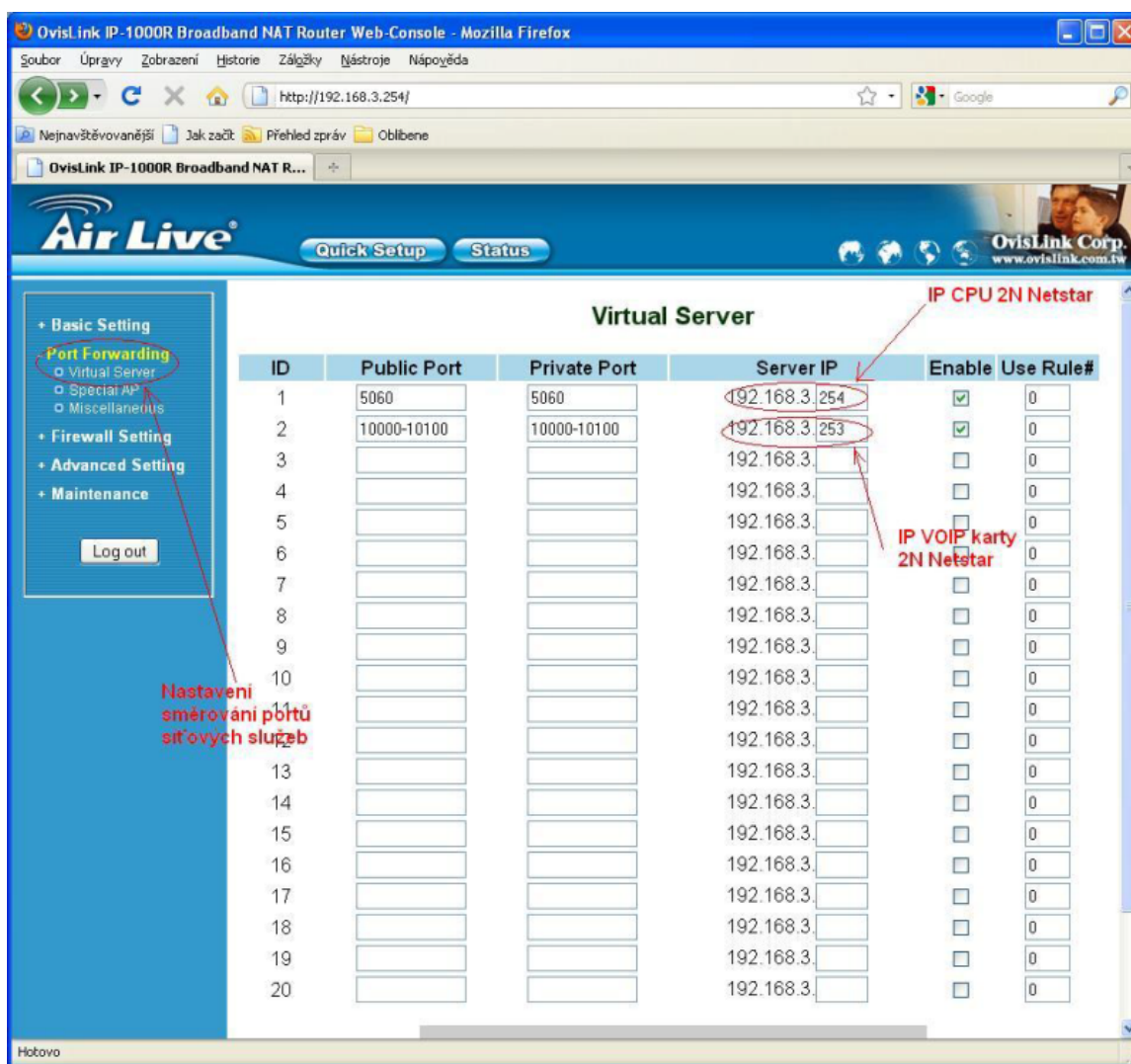
More...

Save Settings Cancel Changes

CISCO SYSTEMS

Ovislink

- U některých výrobců routerů se můžete setkat i s tímto nastavením, kde vlastní směrování portů nastavujeme v adresáři PORT FORWARDING/VIRTUAL SERVERS viz tento obrázek.



Virtual Server

ID	Public Port	Private Port	Server IP	Enable	Use Rule#
1	5060	5060	192.168.3.254	<input checked="" type="checkbox"/>	0
2	10000-10100	10000-10100	192.168.3.253	<input checked="" type="checkbox"/>	0
3			192.168.3.	<input type="checkbox"/>	0
4			192.168.3.	<input type="checkbox"/>	0
5			192.168.3.	<input type="checkbox"/>	0
6			192.168.3.	<input type="checkbox"/>	0
7			192.168.3.	<input type="checkbox"/>	0
8			192.168.3.	<input type="checkbox"/>	0
9			192.168.3.	<input type="checkbox"/>	0
10			192.168.3.	<input type="checkbox"/>	0
11			192.168.3.	<input type="checkbox"/>	0
12			192.168.3.	<input type="checkbox"/>	0
13			192.168.3.	<input type="checkbox"/>	0
14			192.168.3.	<input type="checkbox"/>	0
15			192.168.3.	<input type="checkbox"/>	0
16			192.168.3.	<input type="checkbox"/>	0
17			192.168.3.	<input type="checkbox"/>	0
18			192.168.3.	<input type="checkbox"/>	0
19			192.168.3.	<input type="checkbox"/>	0
20			192.168.3.	<input type="checkbox"/>	0

Hotovo

Další informace:

2N[®] NetStar IP (oficiální stránky 2N)

2N[®] NetStar (oficiální stránky 2N)

Manuály:

Podpora pro 2N[®] NetStar (wiki.2n.cz)