

How to set up Port Forwarding?

It is suitable for : N600R, A800R, A810R, A3100R, T10, A950RG, A3000RU

Application introduction:

By port forwarding, the data for Internet applications can pass through the firewall of the router or gateway. This article will show you how to forward ports on your router, take A3000RU as an example.

STEP-1:

In the left menu of the web interface, click Firewall->Port Forwarding->Enable

A30	000RU (Firmware V5.9c.680)						
🗭 Sys	stem Status						
S Ope	eration Mode	Port Forwarding					
Net	twork +	You may set Port Forwarding	to provide	services on Internet.			
5G	Wireless +	On/Off		Enable -			
2 .40	G Wireless +	Add a rule			1		
		Protocol		TCP+UDP -			
Qo	S	IP Address		192 168 0	Scan		
Fire	ewall –	Internal Port			(1-65535)		
Fire	ewall Type				, · · · · · · · · · · · · · · · · · · ·		
• IP/F	Port Filtering	External Port			(1-65535)		
 MAG 	C Filtering	Comment					
VRI	L Filtering						
• Por	rt Forwarding						Add
VPI	N Passthrough	Current Port Forwarding Li	st (The ma	ximum entry count is 10)			
 DM2 	Z	ID IP Address	Protoco	Internal Port	External Port	Comment	Select
 Rule 	e Schedule Setting						
l USI	B Storage					Delete	Reset
Mar	nagement +						

STEP-2:

Select the port protocol; Click Scan

On/Off	Enable 🗸
Add a rule	
Protocol	TCP+UDP
IP Address	TCP 0 Scan
Internal Port	(1-65535)
External Port	(1-65535)
Comment	

STEP-3:

Select the PC IP address;

192.168.0.1/firewall/arpinfo.asp#flag=3 - Chromium	_	×
③ 192.168.0.1/firewall/arpinfo.asp#flag=3		Q

MAC List You could show this current MAC clients	list.	
IP Address	MAC Address	Select
192.168.0.242	90:9f:33:e8:59:22	
192.168.0.4	bc:3d:85:66:a6:53	0
	Refresh	Close

STEP-4:

Input the port you need and note; Then click Add

Add a rule		
Protocol	TCP	•
IP Address	192 168 0 2	42 Scan
Internal Port	21	(1-65535)
External Port	21	(1-65535)
Comment	ftpserver	
		Add

STEP-5:

Ensure that the port successfully added to the Current Port Forwarding List

Current Port Forwarding List (The maximum entry count is 10)

ID	IP Address	Protocol	Internal Port	External Port	Comment	Select
1	192.168.0.242	TCP	21	21	ftpserver	
					Delete	Reset

The router's port forwarding settings are complete

Here with FTP server as an example (WIN10), check that the port forwarding is successfully.

1.Open the Control Panel\All Control Panel Items\Administrative Tools\Add FTP Server

💐 Internet Information Services (IIS) Manager



the ftp site name, Select th	e path; Click next							
Add FTP Site							?	×
Site Infe	rmation							
	, mation							
ETP site name:								
totolink								
Content Directory – Physical path:								
C:\Users								
		Previ	rious	<u>N</u> ext	<u>F</u> inish		Cancel	
t the target PC address, Se Add FTP Site Binding	ets the port, Click Nex	xt;					?	×
t the target PC address, Se Add FTP Site Binding IP Address: [192.168.0.242] All Unassigned	ets the port, Click Nex	xt; P <u>o</u> rt:					?	×
t the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex	and SSL Settings	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto	and SSL Settings	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL ○ No SSL	and SSL Settings ample: ftp.contoso.com	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL ○ No SSL ○ Allow SSL	and SSL Settings	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL ○ No SSL ○ Allow SSL ○ Require SSL	and SSL Settings ample: ftp.contoso.com	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL ○ No SSL ○ Allow SSL ○ Require SSL SSL Certificate:	and SSL Settings	xt; P <u>o</u> rt: 21 m):					?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL Not SSL Allow SSL Allow SSL SSL Certificate: Not Selected	and SSL Settings ample: ftp.contoso.cor matically	xt; Port: 21 m):			.ct	/ <u>i</u> ew	?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL SL Allow SSL Allow SSL Allow SSL SSL Certificate: Not Selected	and SSL Settings ample: ftp.contoso.cor matically	xt; Port: 21 m):		<u>S</u> ele	ct	/ <u>i</u> ew	?	×
the target PC address, Se Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL No SSL Allow SSL Allow SSL SSL Certificate: Not Selected	and SSL Settings ample: ftp.contoso.com matically	xt; Port: 21 m): Previo	ious	<u>N</u> ext	ect	/ <u>i</u> ew	? Cancel	×
Add FTP Site Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex SSL Not SSL Allow SSL Allow SSL Allow SSL SSL Certificate: Not Selected	and SSL Settings	xt; Port: 21 m): Previ	ious	<u>N</u> ext	ect	/iٍew	? Cancel	×
Add FTP Site Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex SSL Not SSL Allow SSL Allow SSL Allow SSL SSL Certificate: Not Selected Add FTP Site	and SSL Settings ample: ftp.contoso.com matically ick Finish.	xt; Port: 21 m): Previo	ious	<u>N</u> ext	ect	/ <u>i</u> ew	? Cancel ?	×
Add FTP Site Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL Not SSL Allow SSL Allow SSL Allow SSL SSL Certificate: Not Selected Add FTP Site	and SSL Settings ample: ftp.contoso.com matically ick Finish.	xt; Port: 21 m): Previo	ious	Sele	ect	/iew	? Cancel ?	×
Add FTP Site Add FTP Site Binding IP Address: 192.168.0.242 All Unassigned 192.168.0.242 Virtual Host (ex Start FTP site auto SSL Not SSL Allow SSL Allow SSL SSL Certificate: Not Selected Add FTP Site Authent	and SSL Settings ample: ftp.contoso.com matically ick Finish.	xt; Port: 21 m): Previo	ious	Sele	ect	/ <u>i</u> ew	? Cancel ?	×

	Authorization	
	Allow a <u>c</u> cess to:	
	All users V	
	Permissions	
	<u>⊳ w</u> nte	
	Denviewe Mark Finish Concel	
	Previous <u>N</u> ext <u>Finish</u> Cancel	

5.Now, you can access FTP over a LAN, Login Address: ftp://192.168.0.242;

✓ <u>B</u>asic

← → ~ ↑ 💆 ›	The Internet > 192.168.0.242	~	Ö	Search 19 🔎
📌 Quick access 📃 This PC 🛛 🖈	Documents Downloads			
💣 Network 🛛 🖈 🔯 Recycle Bin 🖈	Music Pictures			
Desktop	Type: File folder QiYi Thunder Network			
S web	Videos			
ConeDrive				
Desktop				
Downloads				
7 items	✓			

6.Check ROUTER WAN IP, in the public network use it to log into the FTP Server;

E.g ftp://113.90.122.205:21;



Normal visit, verify that the port forwarding OK