

nessViewer tutorial: media server access setup

Preamble

Access to the media server (Mac) via nessViewer App (e.g. iPhone) within the local network is very easy – after setup (folders, user) and start of the media server, only the FTP name and password must be set in the "Settings App" on the device (e.g. iPhone). Afterwards the shared folders of the media server can be accessed via nessViewer App by selecting "Media Files (Server)" at the MediaCenter.

Access from **outside the local network** is a little bit more complicated – beside the (optionally) setup of dynamic DNS, ports must be forwarded from the router to the Mac where the media server is running.

In this tutorial the necessary setup will be explained step by step:

- Dynamic DNS setup
- Router setup (on the basis of an Fritz!Box example)
- nessViewer App settings

Dynamic DNS forwards access by a name (domain) to the router. Port forwarding passes access to ports from the router to the Mac where the media server is running.

DynDNS setup

dyndns.org offered until April 2014 a free service which was available after the registration. Meanwhile, the services are charged – but there are other free services such as noip.com.

After selecting "Add Host Services" the name of the sub-domain must be entered at "Hostname".

In this example, we enter "test" as the name – the complete domain name will be "test.dyndns.org" then.

My Services	Add New Hostname			
View, modify, purchase, and delete your services My Zones/Domains Add Zone/Domain Services	You don't currently have a DynDM To get the full benefits of Dynam shopping cart 🚔 (or try it with S	IS Pro service in your account. ic DNS, including premium subscriber domains and other features, 1.99 <u>monthly subscription</u>).		
My Hosts	Hostname:	· dyndns.org		
Add Host Services	Wildcard: only for DynDNS Pro users	 create "*.host.dyndns-yourdomain.com" alias (for example to use same settings for www.host.dyndns-yourdomain.com) 		
	Service Type:	 Host with IP address WebHop Redirect (URL forwarding service) Offline Hostname 		

Router setup: FritzIRox	Overview	Permit /	Access					
	Internet	Port F	orwarding Ste	Remote Acce	ss Dynam	ic DNS VPN		
The Fritz!Box must be set to	Online Monitor Account Information List of Ports with Port Forwarding Enabled							
expert mode to setup dynamic	Filters	Enabled	Name	Protocol	Port	to Computer	to Port	
ONS and port forwarding	Permit Access		FTP-Server	TCP	21	«Name des Computers»	1200	
System -> Expert Mode ->	DSL Information		HTTP-Server	TCP	1200-1201	<name computers="" des=""></name>	1200-1201	
how Expert Settings).	Telephony							
	Home Network						New	Port Forwardi

Dynamic DNS

First the provider must be selected – in this example "dyndns.org". Then the "Domain name" (in this example "test.dyndns.org") and user name & password of the registration at dyndns.org must be entered.

		r ennit Access
Port Forwarding Ren	mote Administration	Dynamic DNS
Vse Dynamic DNS		
Enter the account information	tion for your Dynamic	DNS provider.
Dynamic DNS provider	dyndns.org	
Domain name		
User name		

Permit Acce

Port forwarding

For port forwarding 2 rules must be setup: the forwarding of the FTP port and the HTTP port.

In contrast to other rounters, the Fritz!Box needs a second port (1200 and 1201) at HTTP port forwarding. This "additional port for streaming" must also be setup at the media server.

If you are not sure, then setup 2 ports for HTTP - it does not hurt.

FTP port forwarding

After entering the name (here: "FTP-Server") the computer (to computer) must be selected where the media server is running.

"21" must be entered as public port (from port) and "1200" as local port (to port).

				Port forwa	ardin
J	Port forwarding enabled for	Other	app	ications -	
	Name	FTP-Se	rver		
	Protocol	TCP	٠		
	from port	21		through port	
	to computer			N	-
	to IP address			45	
	to Port	1200			

			Port for	rwarding
J	Port forwarding enabled for	Other app	lications	
	Name	HTTP-Sen	ver	
	Protocol	TCP -		
	from port	1200	through port	1201
	to computer		N	-

HTTP port forwarding

After entering the name (here: "HTTP-Server") the computer (to computer) must be selected where the media server is running.

"1200" through "1201" must be entered as public port range (from

port...though port) and "1200" as local port (to port).

to IP address Lo Port 1200 through port 1201

nessViewer App settings

At the end the settings for nessViewer App must be entered.

After launching the "Settings App" you will find nessViewer at "Apps".

There you can enter the name & password at "FTP Connection" – this must be the same you setup as user at the media server. Then at MediaCenter you enter the name (domain) of "dyndns.org" at "Server" (in this example "test.dyndns.org").

If you launch now nessViewer App and select the MediaCenter, you can access the folders and media of the media server outside the local network by selecting "Media Files (Server)".

Name	
Password	
TCP/IP Filter	
Allow Modifications	0
Enter name and password here to disable and Additionally you can delimit access from TCP/IF allow modifications (rena	nymous connection by the client. ⁹ addresses (e.g. 192.168.68) an me, delete).
MediaCenter	
Server	
Enter the TCP/IP address and port (e.g. 192.168	.68.10:1200) of the media server al network.
access it outside the loc	di incompini

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