## How to set up SMB with remote.it on Windows (simplified)

1. Configure the internal port proxy configuration with the netsh command

Start a	command prompt with administrative privil	eges.		
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	x64 Native Tools Command Prompt for VS 2022	>		_
	🔀 Windows PowerShell (x64)	>	C Open	
	Search the web		<ul> <li>Run as administrator</li> <li>Open file location</li> </ul>	þ
	𝒪 cmd − See web results	>	Pin to Start	а
			Pin to taskbar	o

Click [Yes].



Run the following command:

>netsh interface portproxy add v4tov4 listenaddress=127.0.0.1
listenport=445 connectaddress=127.0.0.1 connectport=33333



listenport Local loopback interface, set to 127.0.0.1.

listenport: Port for SMB by default, set to 445.

connectdaddress: Local loopback address for remote.it connection, set to 127.0.0.1.

connectport: Listen port for remote.it connection on the device. Set a value that does not conflict with the listen port of other remote.it services. For this procedure, set to 33333. This value is used in the procedure in the next section.

Run the following command to confirm that the portproxy has been configured.

>netsh interface portproxy show all

C:\Windows\System32>netsh interface portproxy show all					
Listen on ipv4:		Connect to ipv4:			
Address	Port	Address	Port		
127.0.0.1	445	127.0.0.1	33333		
C:\Windows\System32>					

## 2. Reboot the device

Reboot the Windows machine to apply the configurations so far.

## 3. Make a remote.it connection for SMB at Desktop application.

Start the Desktop application and open the SMB service screen of the NAS you wish to connect. Set the [LOCAL PORT] to 33333 and click [Add TO NETWORK] to create a remote.it connection.

The value set for [LOCAL PORT] is the value set by the netsh command in the previous step.

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0		+	Synology_DS418 <sup>©</sup>		SMB/CIFS & 2+ :
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Confirm that [LOCAL ADDRESS] will be set and the connection state comes Idle - Connect on demand.

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	Contact Support and Feedback				

Open the Windows File Explorer and access the address  $\127.0.0.1$ .

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If the sign-in screen of your NAS appears, the remote connection to your NAS is successful. Enter your NAS account and password and click OK to sign in to the NAS.

Windows Security	×
Enter network credentials	
Enter your credentials to connect to: 1	92.168.100.10
User name	
Password	
Remember my credentials	
The username or password is incorrec	t.
ОК	Cancel

You should see the folders on the NAS.

And you should be able t	o access the home	folder and put files	and create sub folders.

127.0.0.1					
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Troubleshooting

Case 1: Local shared files are displayed when access  $\verb+\127.0.0.1\$ 

This problem may occur when file sharing settings are enabled on the local host PC. Please try the following steps.

Go to [Control Panel] > [Network and Sharing Center] > [Advanced sharing settings], and turn off the all enabled setting points. Note that file sharing will be temporarily disabled.

Private (current profile)		
Network discovery		
When network discovery is on, this computer can see other network computers.	vork computers and c	devices and is
Turn on network discovery Turn on automatic setup of network connected dev Turn off network discovery	ices.	
File and printer sharing		
When file and printer sharing is on, files and printers that you ha be accessed by people on the network.	ve shared from this c	omputer can
<ul> <li>Turn on file and printer sharing</li> </ul>		
Turn off file and printer sharing		
Guest or Public		
Network discovery		
When network discovery is on, this computer can see other ne visible to other network computers.	twork computers and	devices and is
<ul> <li>Turn on network discovery</li> <li>Turn off network discovery</li> </ul>		
File and printer sharing		
When file and printer sharing is on, files and printers that you be accessed by people on the network.	nave shared from this	computer can
O Turn on file and printer sharing		
Turn off file and printer sharing		
All Networks		
Public folder sharing		$\bigcirc$
When Public folder sharing is on, people on the network, includ access files in the Public folders.	ling homegroup men	nbers, can
O Turn on sharing so anyone with network access can rea	d and write files in the	e Public folders
<ul> <li>Turn off Public folder sharing (people logged on to this folders)</li> </ul>	computer can still ac	cess these
Click [Save changes] to apply change.		
Password protected sharing		
When password protected sharing is on, only people who have computer can access shared files, printers attached to this con other people access, you must turn off password protected sha	a user account and pas puter, and the Public fo rring.	sword on this Iders. To give
Turn on password protected sharing		
	Save changes	Cancel

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Then reboot your Windows machine.

With remote.it Desktop application, confirm that [LOCAL ADDRESS] will be set and the connection state comes Idle - Connect on demand.

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	•	Synology_DS418 ?		SMB/CIFS	Ç2 Q† ∷
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R				CONFIGURATION >	
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	Contact Support and Feedback				

Open the Windows File Explorer and access to  $\127.0.0.1$ .

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Windows Security	×
Enter network credentia	als
Enter your credentials to connect t	o: 192.168.100.10
User name	
Password	
Remember my credentials	
The username or password is incor	rrect.
ОК	Cancel

Please confirm that you can see the folders on the NAS.

	127.0.0.1						
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Go to [Control Panel] > [Network and Sharing Center] > [Advanced sharing settings] again, restore the original settings.

Private (current profile)	
Network discovery	6 x 4000 x 4
When network discovery is on, this computer can see other network co visible to other network computers.	omputers and devices and is
<ul> <li>Turn on network discovery</li> <li>Iurn on automatic setup of network connected devices.</li> <li>Turn off network discovery</li> </ul>	
File and printer sharing	
When file and printer sharing is on, files and printers that you have sha be accessed by people on the network.	ared from this computer can
○ Turn on file and printer sharing	
<ul> <li>Turn off file and printer sharing</li> </ul>	
Guest or Public	$\longrightarrow$
Network discovery	
When network discovery is on, this computer can see other network comp visible to other network computers.	outers and devices and is
<ul> <li>Turn on network discovery</li> <li>Turn off network discovery</li> </ul>	
File and printer sharing	
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be accessed by people on the network.	nom this computer can
<ul> <li>Turn on file and printer sharing</li> </ul>	
Turn off file and printer sharing	
All Networks	(A)
Public folder sharing	
When Public folder sharing is on, people on the network, including homege access files in the Public folders.	roup members, can
O Turn on sharing so anyone with network access can read and write f	files in the Public folders
<ul> <li>Turn off Public folder sharing (people logged on to this computer c folders)</li> </ul>	an still access these
Click [Save changes] to apply change.	_
Password protected sharing	
When password protected sharing is on, only people who have a user account	nt and password on this
computer can access shared files, printers attached to this computer, and th other people access, you must turn off password protected sharing.	e Public folders. To give
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