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 privi	leges.		
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	🔀 Windows PowerShell (x64)	>	Run as administrator	
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	O cmd - See web results	>	🔗 Pin to Start	a
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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\Syst	em32>						

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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Image: Constraint of the second s	SSH (SSH)	CONFIGURATION I CONNECTION NAME synology-ds418-smb-cifs -O 10CAL PORT 33333 LAUNCH TYPE Command Auto Launch SAMBA COMMAND @ \\localhost:33333	

Confirm that [LOCAL ADDRESS] will be set and the connection state comes Idle - Connect on demand.

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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	e to access the hom	e folder and put files	and create sub folders.

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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 netw visible to other network computers.	vork computers and d	levices 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 co	omputer can
 Turn on file and printer sharing 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.	work computers and	devices and is
 Turn on network discovery Turn off network discovery 		
File and printer sharing		
When file and printer sharing is on, files and printers that you h be accessed by people on the network.	ave shared from this	computer can
O Turn on file and printer sharing		
Turn off file and printer sharing		
All Networks		
Public folder sharing		
When Public folder sharing is on, people on the network, includ access files in the Public folders.	ing homegroup mem	nbers, can
Turn on sharing so anyone with network access can read	d and write files in the	Public folders
 Turn off Public folder sharing (people logged on to this folders) 	computer can still acc	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 com other people access, you must turn off password protected sha	puter, and the Public fol	
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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	⊷້& Network 1 ເ⊒ Devices 142 ໂഷ Organization	SERVICE	↓å +	→ ① ② ≧S Connect Details Setup Users 1 total
	Logs	HTTP	HTTP	
		SMB/CIFS	SMB/CIFS	LOCAL ADDRESS synology-ds418-smb-cifs.at.remote.it:33333
	C Scripting 7	SSH	SSH	COPY LAUNCH
	🚓 Registrations 🦻			r -> ⊢ r
۵	Products 7			Connection: Idle - Connect on demand
J P				REMOVE FROM NETWORK
R				CONFIGURATION >
<u>()</u>				OPTIONS >
	Contact Support and Feedback			

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

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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 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.

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

Priva	ate (current profile)
	Network discovery
	When network discovery is on, this computer can see other network computers and devices and is visible to other network computers.
	 Turn on network discovery Iurn on automatic setup of network connected devices. Turn off network discovery
	File and printer sharing
	When file and printer sharing is on, files and printers that you have shared from this computer can be accessed by people on the network.
	○ Turn on file and printer sharing
	Turn off file and printer sharing
Guest or Publi	ic (
Network	discovery
	n network discovery is on, this computer can see other network computers and devices and is le to other network computers.
	Turn on network discovery Turn off network discovery
File and p	printer sharing
	n file and printer sharing is on, files and printers that you have shared from this computer can ccessed by people on the network.
	O Turn on file and printer sharing
	Turn off file and printer sharing
All Networks	
Public fold	der sharing
	n Public folder sharing is on, people on the network, including homegroup members, can is files in the Public folders.
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	Turn on sharing so anyone with network access can read and write files in the Public folders
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(Turn on sharing so anyone with network access can read and write files in the Public folders Turn off Public folder sharing (people logged on to this computer can still access these folders)
Click [Save changes	 Turn on sharing so anyone with network access can read and write files in the Public folders Turn off Public folder sharing (people logged on to this computer can still access these folders)
Click [Save changes	 Turn on sharing so anyone with network access can read and write files in the Public folders Turn off Public folder sharing (people logged on to this computer can still access these folders) s] to apply change. assword protected sharing When password protected sharing is on, only people who have a user account and password on this computer can access shared files, printers attached to this computer, and the Public folders. To give
Click [Save changes	 Turn on sharing so anyone with network access can read and write files in the Public folders Turn off Public folder sharing (people logged on to this computer can still access these folders) s] to apply change. assword protected sharing When password protected sharing is on, only people who have a user account and password on this