Accessing network shares in Windows PE

The Macrium Reflect Windows PE rescue media includes the Windows networking stack and allows connection to authenticated network shares when booted into Windows PE. Network shares can be entered by UNC path using the \Server\Share or by IP address and shared folder.

If you have problems accessing shared servers then please see Resolving network issues in Windows PE

Please note: Wireless Networking is not supported in Windows PE. Please connect to your network using an Ethernet cable. Please Note: When accessing network shares in Windows PE 10 it's necessary to prepend the user name with '.\' if the network resource is on the local network/domain. For example enter '.\Administrator'

This is not required for earlier versions of Windows PE.

- Accessing the network when creating an image in PE
- Accessing the network when restoring an image in PE

Accessing the network when creating an image in PE

1. In the image wizard enter the \\server\share\folder path in the backup destination page. You will be prompted for login credentials if the share is password protected:

Disk Imag	je	
Source	Select Sc	ource Drive(s) and Image Destination
Jource		Windows Security
	MBR Disk 1 [7 1 - System I	Enter the network logon credentials to enable Windows PE to access the Network share.
	INTES ACUV	User Name
	43.8 MB 100.0 MB	Password
		Access is denied.
Total Sel	ected:	
Destinat	tion	OK Cancel
Folde	er	\\build_hg\public\badvup 🗸
() CD/D	VD Burner	Alternative locations
		☑ Use the Image ID as the file name. (Recommended)
Backup	filename:	{IMAGEID}
		//wb/public/nick/case51985/{IMAGEID}-00-00.mrimg
<u>†</u> ₽† ⊿₫	vanced Opti	ions < Back Next > Cancel Finish .::

2. Alternatively, click the '...' browse button to browse the network for the shared folder:

		Dis	k Image
?	Select So	urce Drive(s) and Image Destination	
Source		Browse for Folder	
	GPT Disk 1 [87	Select location for image file	4.00 GB>
v	1 - Recovery NTFS Prima		4 - Fy NTF
_			izz
	268.8 MB 300.0 MB	Music	▲ 16.1 63.4
		Documents	
		🔉 📔 Desktop	
Total Sel	ected: 1		
Dectinat	ion		
Destinat	1011	CHRISWIN7X86	
Folde	r	⊳ IN DEV-PC	
-		⊳ I M DEVDE	×
◯ CD/D	VD Burner	ОК	Cancel
Backup	filename:	{IMAGEID}	
xpanding a	a network noo	le that requires authentication will display the Ne	twork Credentials dialog:
	Co	nnect to \\OFFICE2	
P		G A	
Connec	ting to \\OFf	-ICE2	
User name:			
Passwo	rd:		
	Authentic shares on here and	ation failed when enumerating this server. Enter a share name use these credentials for access:	
Share n	ame:		
		OK Cancel	

Leave the 'Share Name' field empty for root level authentication of the server.

Accessing the network when restoring an image in PE

1. If the image that you are restoring isn't visible in the Macrium Reflect Restore pane then click the 'Browse for an image file..' link



2. In the browse dialog that opens type the UNC path of the network share that you want to access:

3		Select an ima	age file		×
Look in:	E Desktop		~ G) 🕸 📂 🛄+	
Recent places	svst	EM	г 🎑	his PC	
Libraries	Libra	ries			
This PC					
	File name:	\\Server\share\fold	ler	~	Open
	Files of type:	Macrium Reflect Im	age File (*.mrimg)	~	Cancel

3. A	3. Alternatively, click 'This PC':					
	Select an image file					—
	Look in:	E Desktop		v (3	🏂 📂 🛄	,
	Recent places	SYSTE	м	и	his PC	
	Libraries	Librari	es			
	This PC					
						_
		File name:			~	Open
		Files of type:	Macrium Reflect Image	File (*.mrimg)	~	Cancel

4. Scroll down and **double click 'Network':**

\$		Select an image file	×
Look in:	👰 This PC	v 🥝 🤌 🖾 🗸	
	I	אוואנ	^
Recent places	P	lictures	
Libraries	V N	íideos	
	Devices	al almines (E)	^
This PC	,	letwork	
		7.3 GB free of 63.4 GB	
	🦳 🧟 🔿	CD Drive (E:) Rescue	~
	File name:	✓ Ope	n
	Files of type:	Macrium Reflect Image File (*.mrimg) V	el

5. Expand the network server that contains the share you want to access:

3		Select an ima	ige file			×
Look in	Network		~	G 🤌 🛛	"	
Recent places		DEVLOCAL				^
Libraries		WIN7X86				
	DEV-P	с				
This PC		I				
		:				
						~
	File name:				~	Open
	Files of type:	Macrium Reflect Im	age File (*.mrimg))	~	Cancel

Expanding a network node that requires authentication will display the Network Credentials dialog:

Connect to \\OFFICE2						
	G					
Connecting to \\OF	Connecting to \\OFFICE2					
User name:						
Password:						
Authentication failed when enumerating shares on this server. Enter a share name here and use these credentials for access:						
Share name:						
	OK Cancel					

Leave the 'Share Name' field empty for root level authentication of the server.

See also: Resolving network issues in Windows PE