## Mounting the network drive in Windows 7 Professional

The default network security settings in Windows 7 prevent a Buffalo network drive (like sldrive.caltech.edu) from being mounted. Here's how to adjust your security settings so that you may mount the drive to the Windows file system. You must be logged on with Administrator privileges. Note that this method may not be used with Windows 7 Home versions.

 At the bottom of the Start Menu is a text box labeled "Search programs and files". Start to type "local security policy" into the box, and after you've typed a few characters, a selection for "Local Security Policy" should appear in the pop-up search results list. Select this program, and you should see a new program window appear like:



 Double-click on the "Local Policies" folder in the left-hand pane, and then cick on its "Security Options" sub-folder. Scroll down in the right pane until you see the "Network security: LAN Manager authentication level" item:

Security Settings       Policy       Security Setting         Security Settings       Security Setting         Coal Policies       Network access: Sharing and security model for local accou       Classic - local users auth         Security Setting       Security Setting       Network security: Allow Local System to use computer ident       Not Defined         Network Security: Allow Local System NULL session fallback       Not Defined       Not Defined         Network Security: Configure encryption types allowed for Ke.       Not Defined       Network security: Configure encryption types allowed for Ke.       Not Defined         Network Security: Do not store LAN Manager hash value of the security and the security: Porce logoff when logon hours expired       Disabled         Network security: Minimum session security for NTLM SSP       Negotiate signing         Network security: Restrict NTLM: Add remote server exception.       Not Defined         Network security: Restrict NTLM: Add remote server exception.       Not Defined         Network security: Restrict NTLM: Add remote server exception.       Not Defined         Network security: Restrict NTLM: Add remote server exception       Not Defined         Network security: Restrict NTLM: Add remote server exception       Not Defined         Network security: Restrict NTLM: Add remote server exception       Not Defined         Network security: Restrict NTLM: Add remote s	Local Security Policy         Eile       Action         Yew       Help         Image: Security Policy       Image: Security Policy         Image: Security Policy       <	Norage adve		x
	<ul> <li>Security Settings</li> <li>Account Policies</li> <li>Local Policies</li> <li>User Rights Assignment</li> <li>Security Options</li> <li>Windows Firewall with Advanced Security Network List Manager Policies</li> <li>Public Key Policies</li> <li>Software Restriction Policies</li> <li>Application Control Policies</li> <li>IP Security Policies on Local Compute</li> <li>Advanced Audit Policy Configuration</li> </ul>	Policy Network access: Sharing and security model for local accou Network security: Allow Local System to use computer ident Network security: Allow LocalSystem NULL session fallback Network Security: Allow PKU2U authentication requests to t Network security: Configure encryption types allowed for Ke. Network security: Do not store LAN Manager hash value Network security: Force logoff when logon hours expinence Network security: LAN Manager authentication level Network security: LDAP client signing requirements Network security: Minimum session security for NTLM SSP Network security: Restrict NTLM: Add remote server excepti Network security: Restrict NTLM: Add server exceptions in t Network security: Restrict NTLM: Audit Incoming NTLM Tra Network security: Restrict NTLM: Incoming NTLM traffic Network security: Restrict NTLM: Nuthentication in th Network security: Restrict NTLM: NTLM authentication Network security: Restrict NTLM: NTLM authentication Network security: Restrict NTLM: Set in the server security. Network security: Restrict NTLM: Incoming NTLM traffic Network security: Restrict NTLM: Outgoing NTLM traffic to Netwo	Security Setting Classic - local users auth Not Defined Not Defined Not Defined Pabled Disabled Send LM & NTLM respo Negotiate signing Require 128-bit encrypti Not Defined Not Defined Not Defined Not Defined Not Defined Not Defined Not Defined Not Defined Not Defined Not Defined Disabled Disabled Disabled Disabled Disabled Disabled	A

 The default security setting for the "Network security: LAN Manager authentication level" item is "Not Defined". Double-click on this item to open a dialog box to assign a setting. Select "Send LM & NTLM responses" in the drop-down box as shown below and then select "OK".

Network security: LAN Manager authentication level Properties	? ×
Local Security Setting Explain	
Network security: LAN Manager authentication level	
Send LM & NTLM responses	-
Send LM & NTLM - use NTLMv2 session security if negotiated Send NTLM response only Send NTLMv2 response only Send NTLMv2 response only Send NTLMv2 response only.	
Send NTLMv2 response only. Refuse LM & NTLM	
	Apply

4. The LAN Manager authentication level should now be set so that you may mount the Buffalo network drive. Close the "Local Security Policy" window.

5. Now open "Computer" in the Start Menu, and select the "Map network drive" button:



6. Enter the desired sldrive.caltech.edu top-level folder (e.g.: data or documents) in the dialog box and select both check-boxes as shown:

9	😪 Map Net	work Drive			
	What network folder would you like to map? Specify the drive letter for the connection and the folder that you want to connect to:				
	Drive: Folder:	S:       Image: Server.edu/data         Image: Server.share       Image: Server.share         Image: Reconnect at logon       Image: Server.share         Image: Connect using different credentials       Connect to a Web site that you can use to store your documents and pictures.			
		<u><u> </u></u>			

7. After you push the "Finish" button, a user name and password dialog box should appear. Enter the sldrive student user name and password in the text boxes, select the check-box, and then push "OK". The sldrive folder should now appear as a network drive in the "Computer" window.

Windows Security	
Enter Netwo	ork Password
Enter your pass	word to connect to: sidrive.caltech.edu
	User name
	Password
	Domain: CORSAIR  Remember my credentials
	OK Cancel