

KOWA SL-19 *plus*

KOWA SL-19 App



Export function



Preparation (Mac)
for macOS 14



Kowa Company, Ltd.

This document describes the setup procedure to be performed on a Mac computer in order to use the export function of the KOWA SL-19 App.

The export function of this application performs file sharing over SMB protocol.

The setup procedure described is for macOS (operating system software) 14.

For procedures on other operating systems, please refer to the table below to check / configure the necessary items.

Disclaimer

We are not responsible for any damage such as data corruption caused by the procedure described in this document.

This document is based on the information as of the copyright date.

Recommended operating environments, functions, etc. are subject to change without notice. Please note that the contents of this document may differ.

Please use the following table as a memo of the contents that you have confirmed and set in this document. Use the contents noted here to configure the export function of this application.

No.	Item	Confirm/set	Procedure Number
1	Shared Name		STEP4-⑨／STEP6-⑨
2	Shared User Name		STEP3-③／STEP5-⑥
3	Shared Password		STEP3-③／STEP5-⑥
4	Shared Computer Name		STEP4-③／STEP6-③
5	SSID (Wireless LAN)		Refer to the router's instruction manual.
6	Encryption Key (Wireless LAN)		

When connecting via wireless LAN, read the instruction manual of the wireless LAN router you are using, and check the SSID and Encryption Key of the wireless LAN router.

The character types that can be used in this application are shown in the table below. If the SSID and Encryption Key of the wireless LAN router contain characters other than those in the table below, change the settings of the wireless LAN router. If you already have an external device connected to the wireless router, reconfigure that device as well.

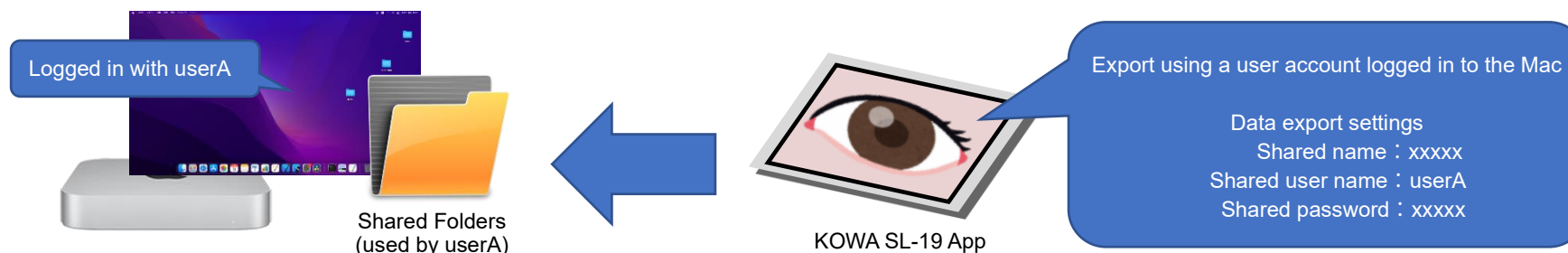
	Available character types	Available number of input
SSID	Half-width alphanumeric spaces and symbols (right table)	1 to 32
Encryption Key	* Case-sensitive	8 to 63

!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/	:
;	<	=	>	?	@	[	¥	]	^	_	`	{		}	~

* " \" is displayed as " ¥ " depending on the environment

STEP 1 Checking the user account used for a shared folder

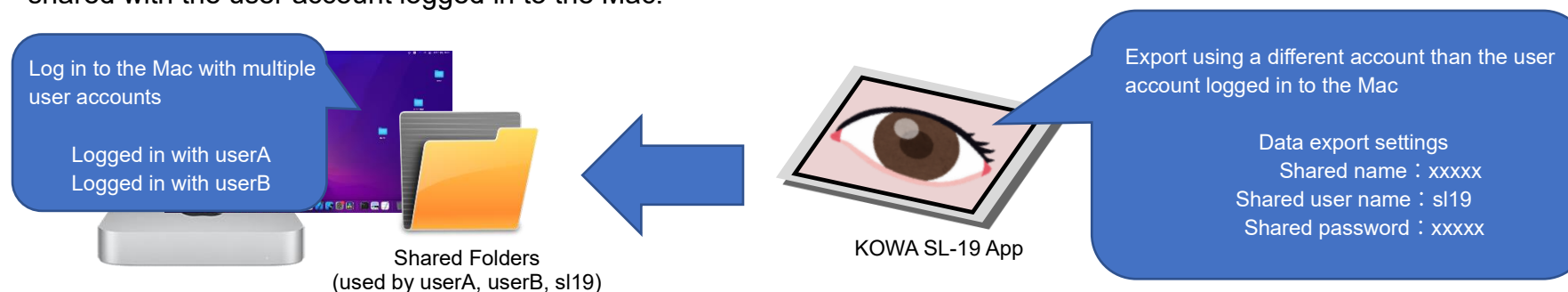
The setup procedure differs depending on whether the user account that uses the shared folder is the user account that is logged in to the Mac (Case 1) or another account that is not logged in to the Mac (Case 2). Perform the applicable STEP according to each case.

(Case 1) When the shared folder is used only by a user account logged in to the Mac

Perform STEPS 2 to 4.

(Case 2) When a shared folder is used by an account that is not logged in to the Mac

In this case, we will create a share-only user account for exporting from the KOWA SL-19 App, and set it up so that the file will be shared with the user account logged in to the Mac.

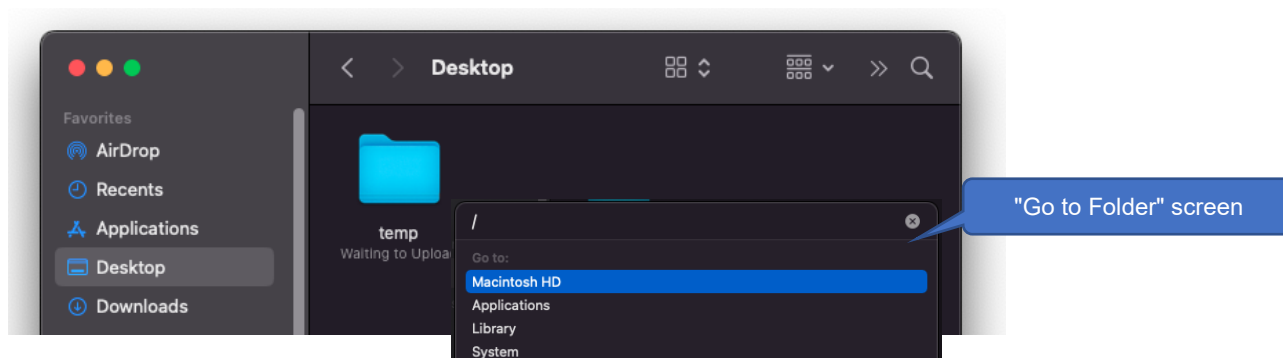


Perform STEP 2 and STEPS 5 to 7.

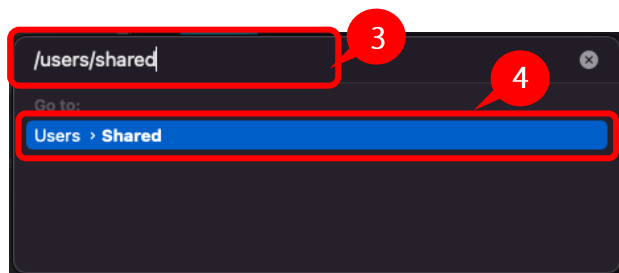
STEP 2 Create a shared folder for output



① Open the Finder app.

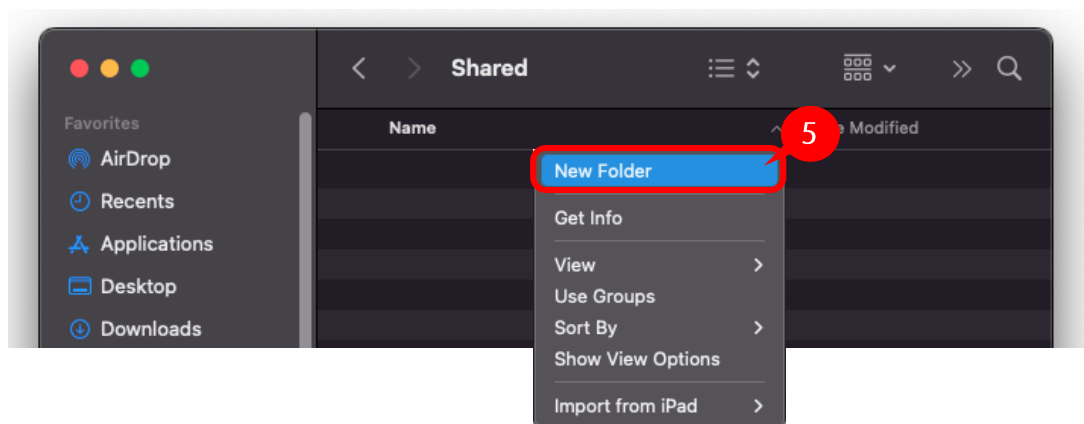


② With the Finder app selected, press the "shift + command + G" keys to open the "Go to Folder" screen.

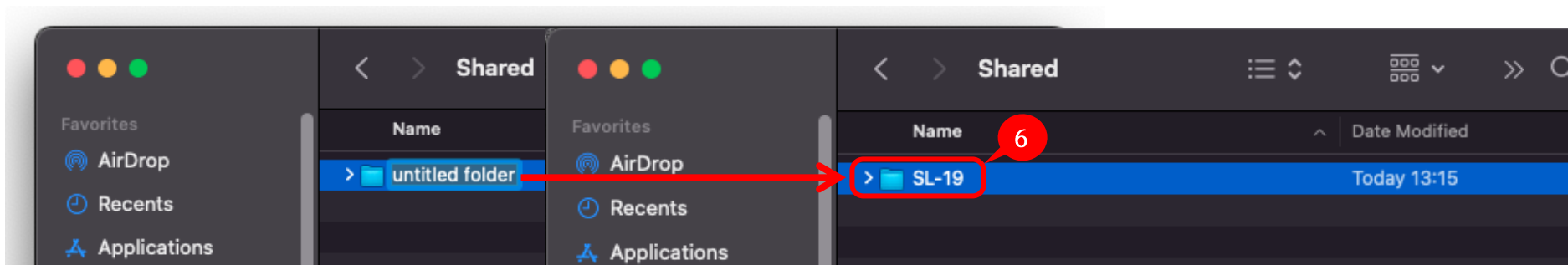


③ Enter /Users/Shared in the search box.

④ When "Share > User" is displayed in the new destination, double-click it to navigate to the location where the shared folder was created.



⑤ Right-click and select New Folder to create a new folder.

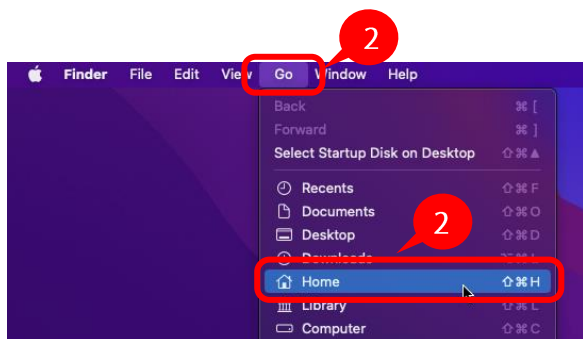


⑥ Enter a folder name. (Example: SL-19)

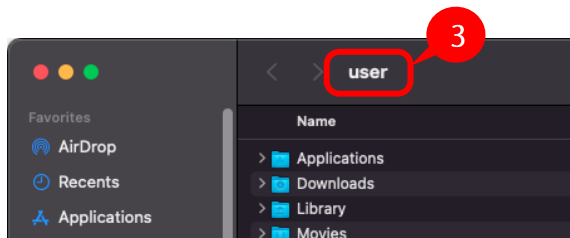
STEP 3 Confirm the user account name while logged in to the Mac



① Open the Finder app.



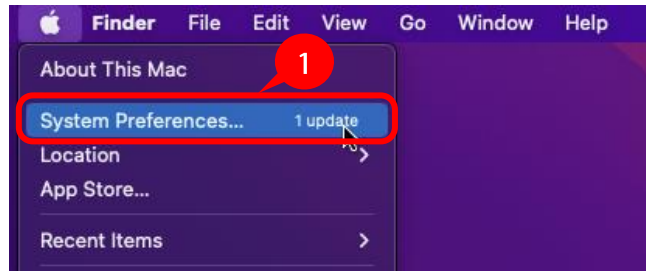
② Press the "Go" in the menu bar, and select the "Home."



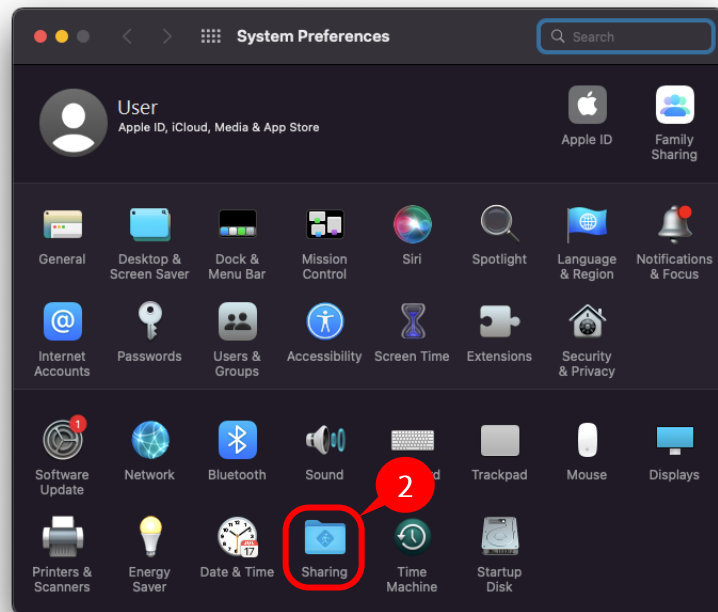
③ The user account name is displayed at the top of the Finder window.

Please write the user account name you confirmed in the [Shared user name] column of the table on page 2 of this document.
Then write the password listed in the [Shared password] column of the table.

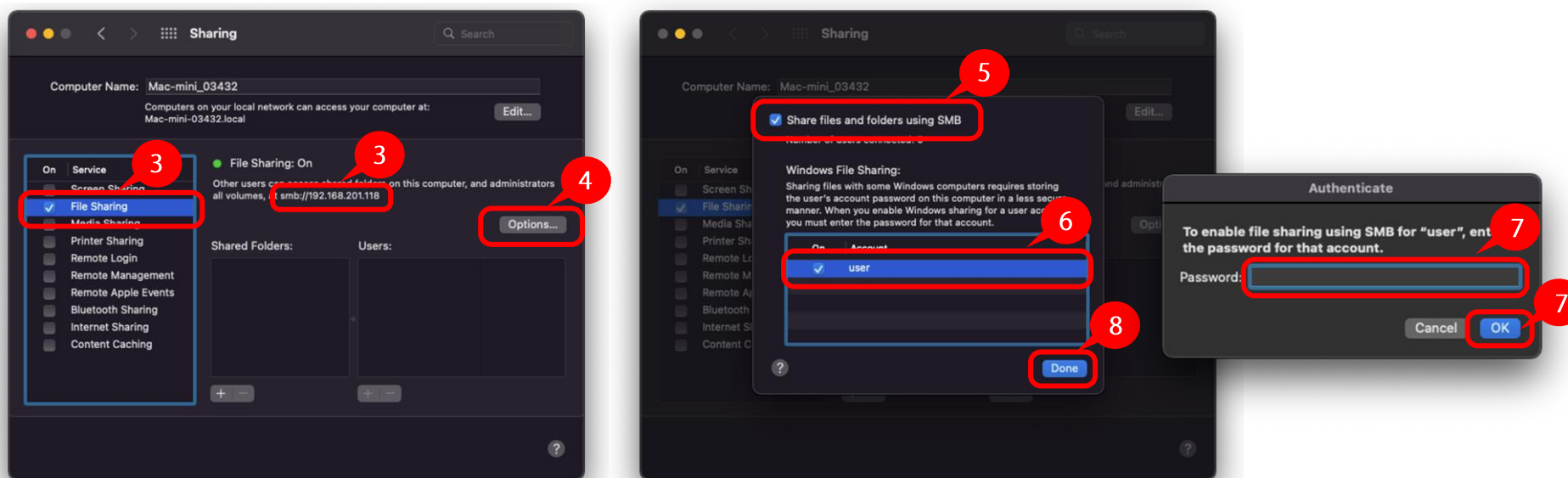
STEP 4 Set up a shared folder



①Select "System Preferences" from the Apple menu.



②Click the "Sharing" icon.



③ Check the "File sharing."

File sharing: Write the character string displayed under "ON" by removing "smb://" from "smb://xxxxx" in the [Shared computer name] column of the table on page 2 of this document.

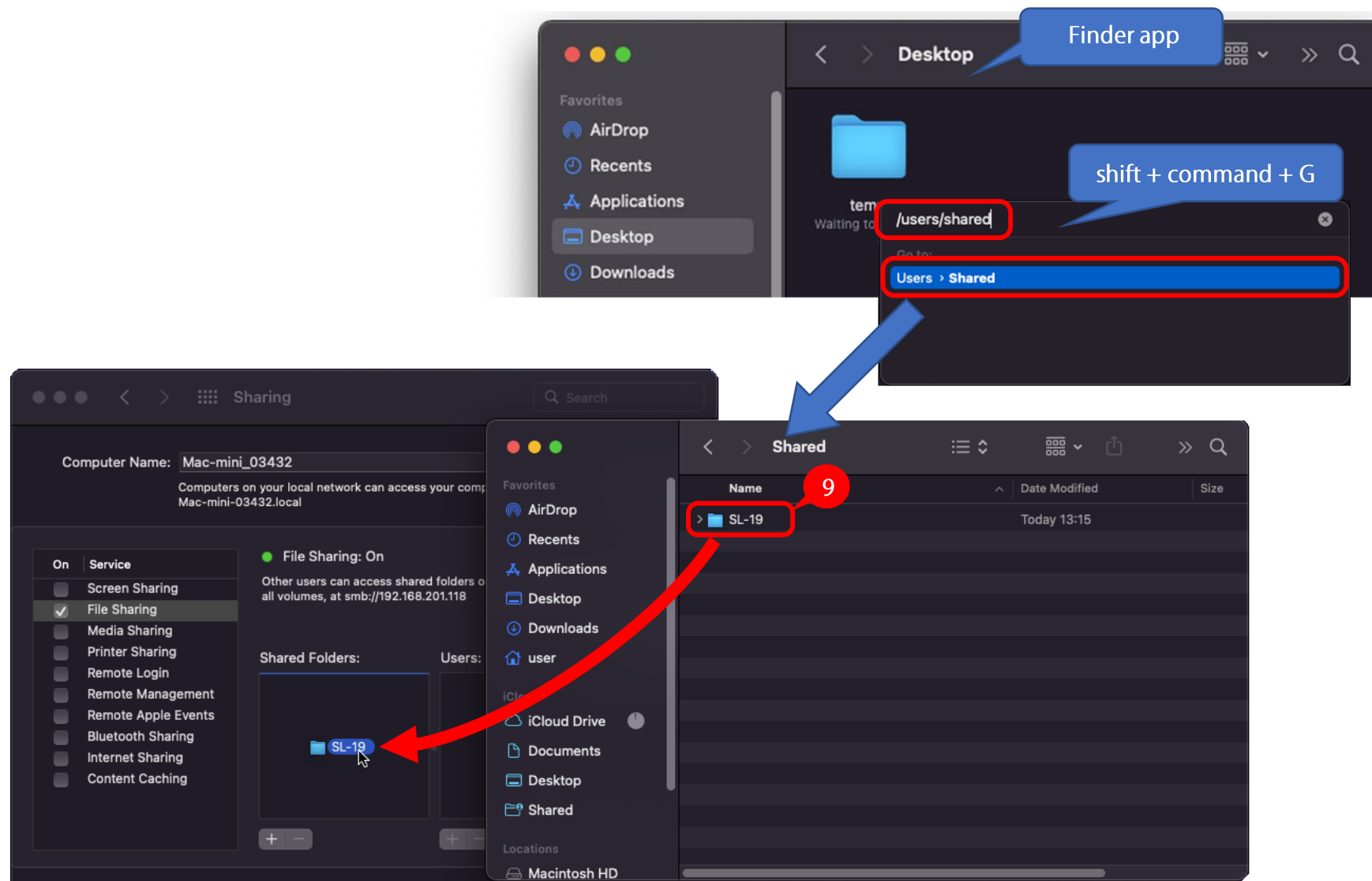
④ Click "Options."

⑤ Check the "Share files and folders using SMB."

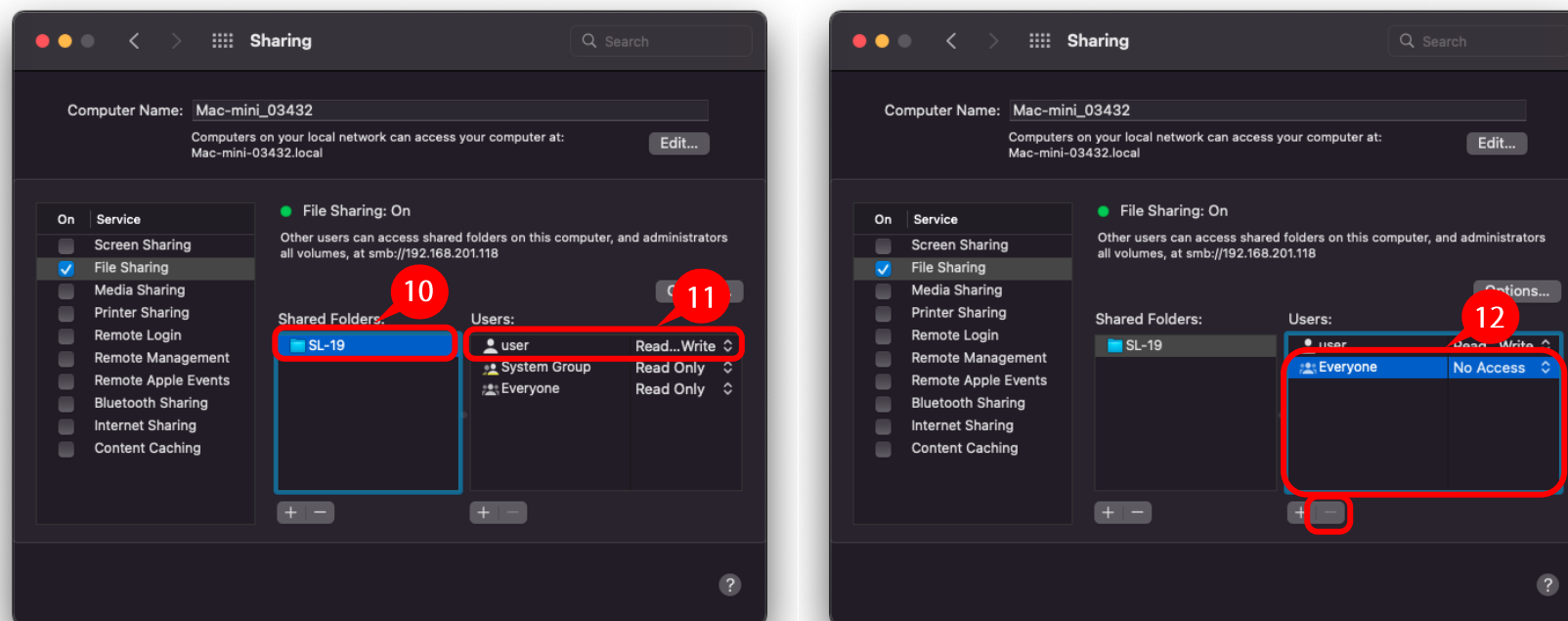
⑥ Check the user account for file sharing (the full name of the user account logged in to the Mac will be displayed) from the "Windows File Sharing" list.

⑦ When prompted to enter a password, enter the password in the [Shared password] of the table on page 2 of this document and click "OK."

⑧ Click "Done."



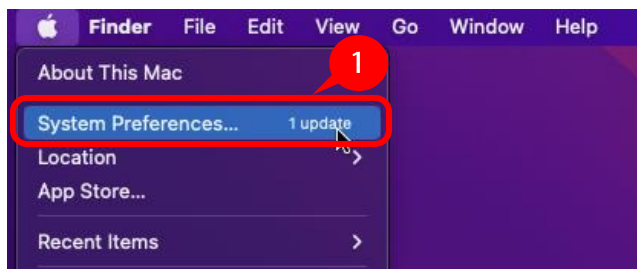
- ⑨ Drag & Drop the shared folder created in STEP 2 to the "Shared Folders" list area and add it to the list.
Write the name of the added shared folder in the [Shared name] column of the table on page 2 of this document.



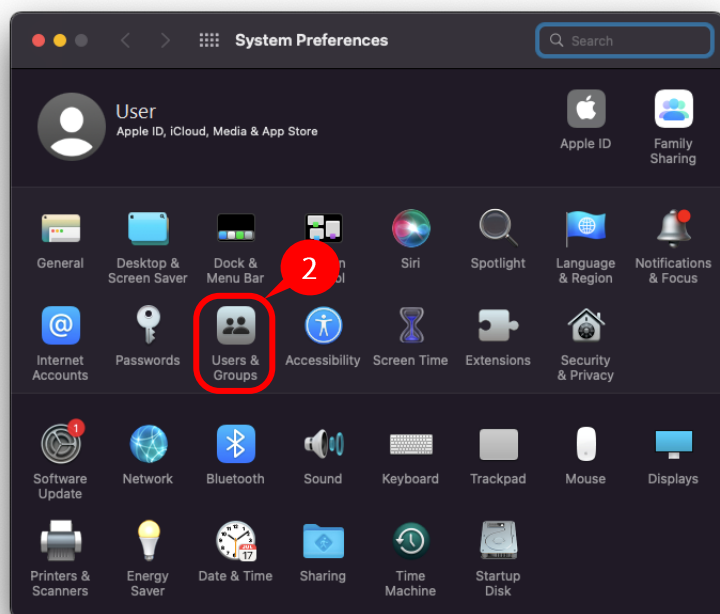
- ⑩ Select the added folder from the "Shared Folders" list.
- ⑪ Confirm that the permission of the user account used for sharing is set to "Read & Write" in the "Users" list.
- ⑫ In the "Users" list, select any user account or group other than the user account used for sharing, and click "-" to delete it. Please note that "Everyone" cannot be deleted, so change the permission to "No Access."

Set up is complete for Case 1.

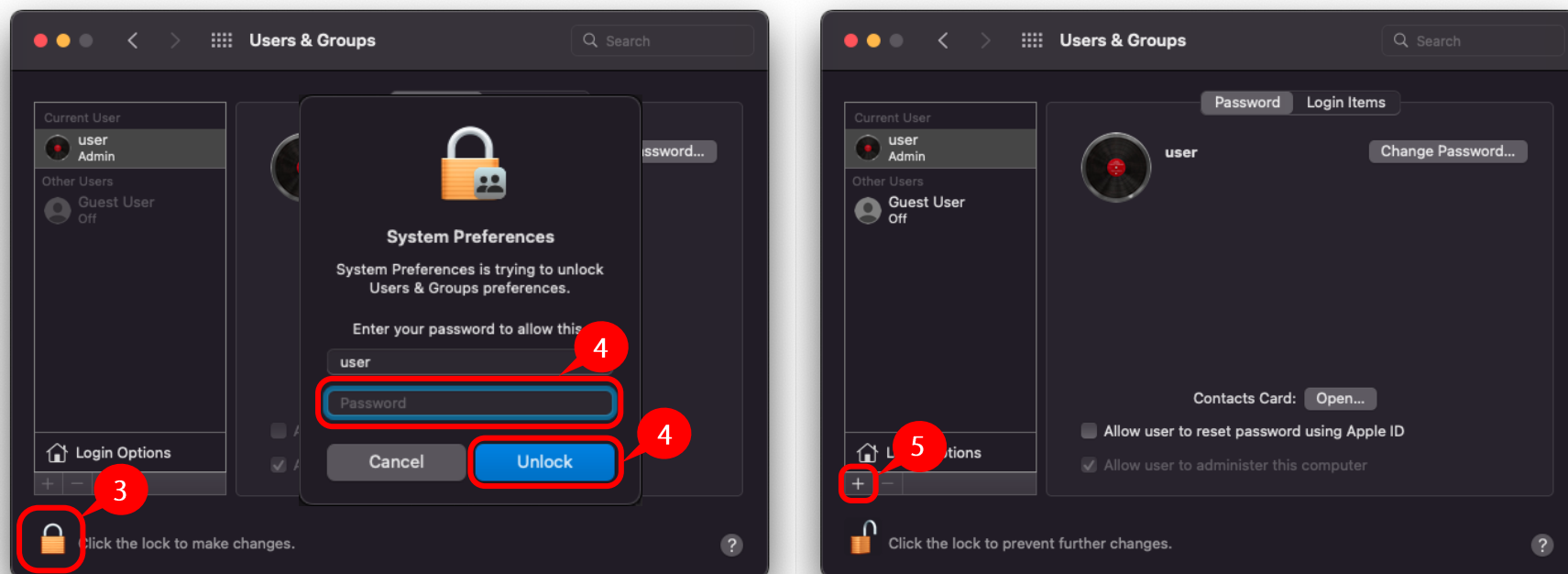
STEP 5 Add user accounts and groups that use shared folders



①Select "System Preferences" from the Apple menu.



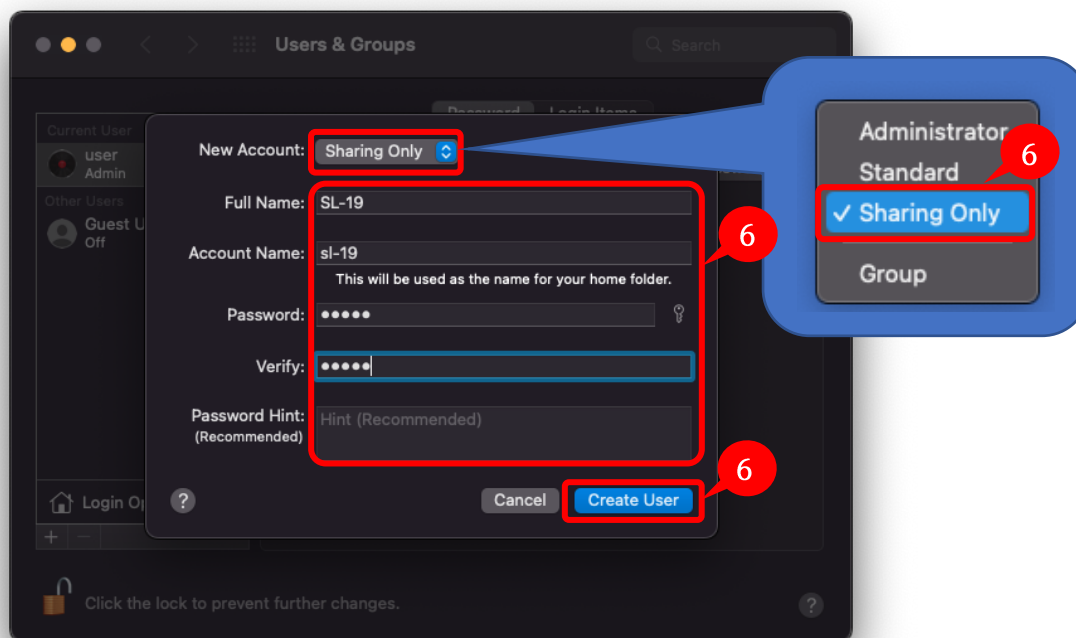
②Click the "Users & Groups" icon.



③Click the "lock" icon.

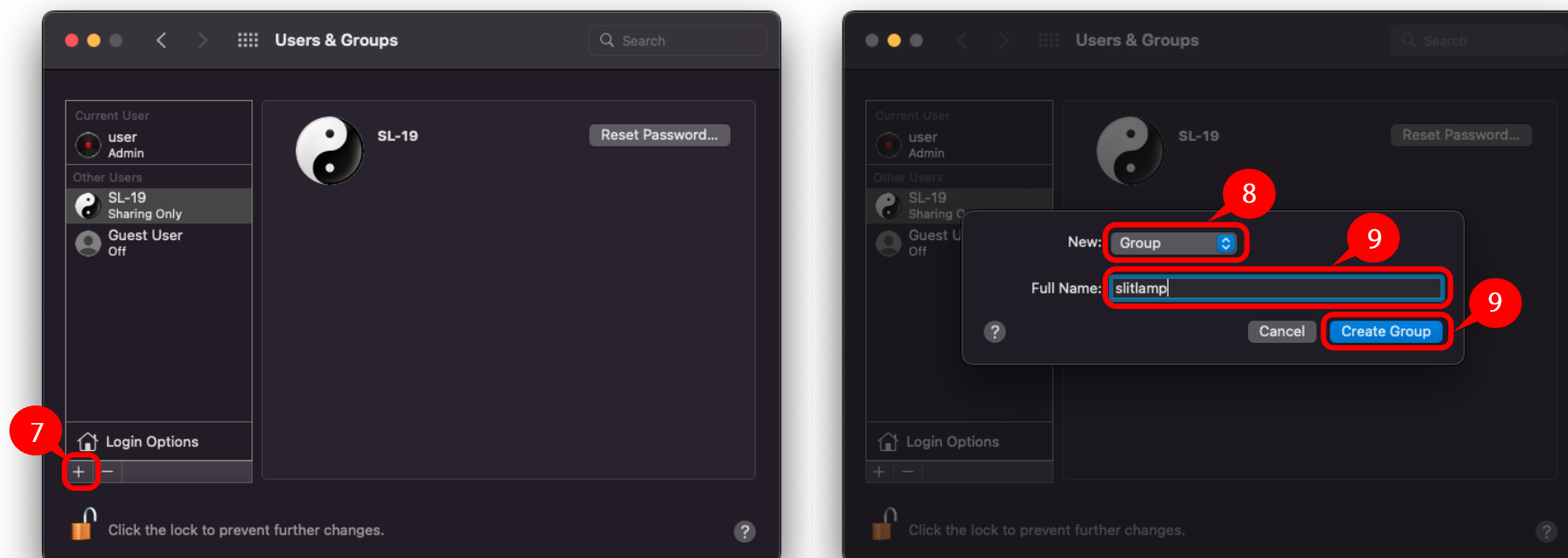
④When prompted to enter a password, enter the password of a user account with administrator privileges, and then click "Unlock."

⑤Click "+" below "Login Options."



⑥ In the New Account section, select (check) "Sharing Only." Enter the "Full Name", "Account Name", "Password" to be added, and then click "Create User."

Write the account name and password of the added user account listed in the [Shared user name] column and [Shared password] column of the table on page 2 of this document.

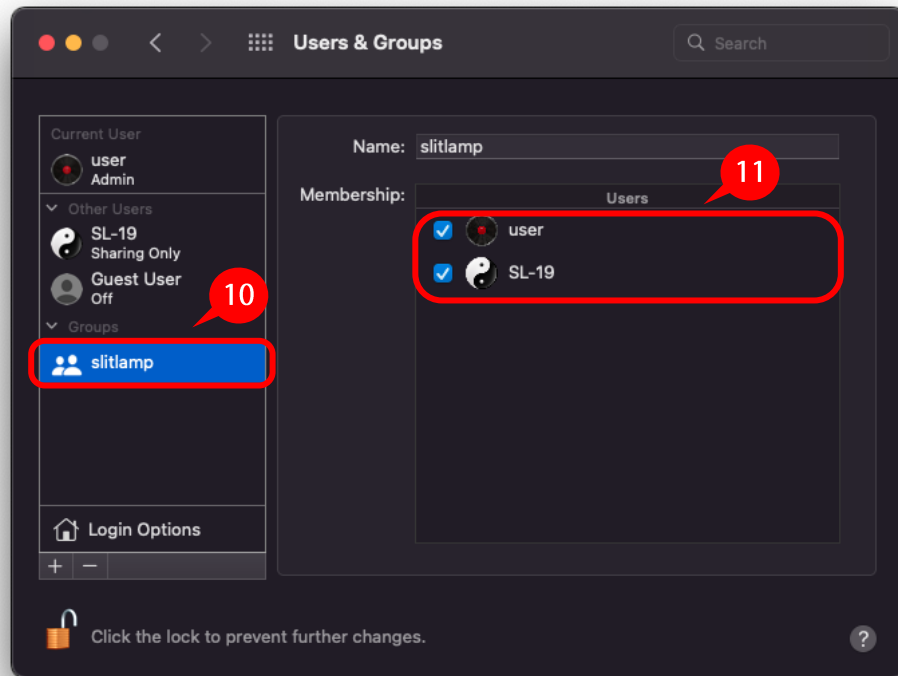


⑦Click "+" below "Login Options."

⑧In the New Account section, select (check) "Group."

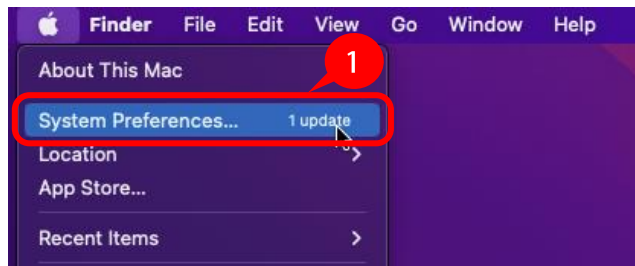
⑨Enter the full name of the group and click "Create Group."

Note: Do not include spaces in the group name. If spaces are included, an error occurs in STEP 7.

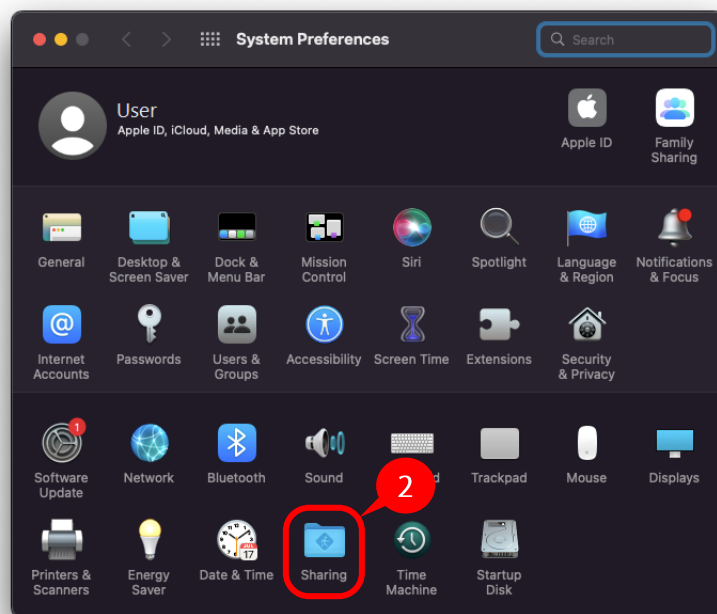


- ⑩ Select the added group from the "Groups" list.
- ⑪ Select all user accounts that will use the shared folder from the "Membership" list.

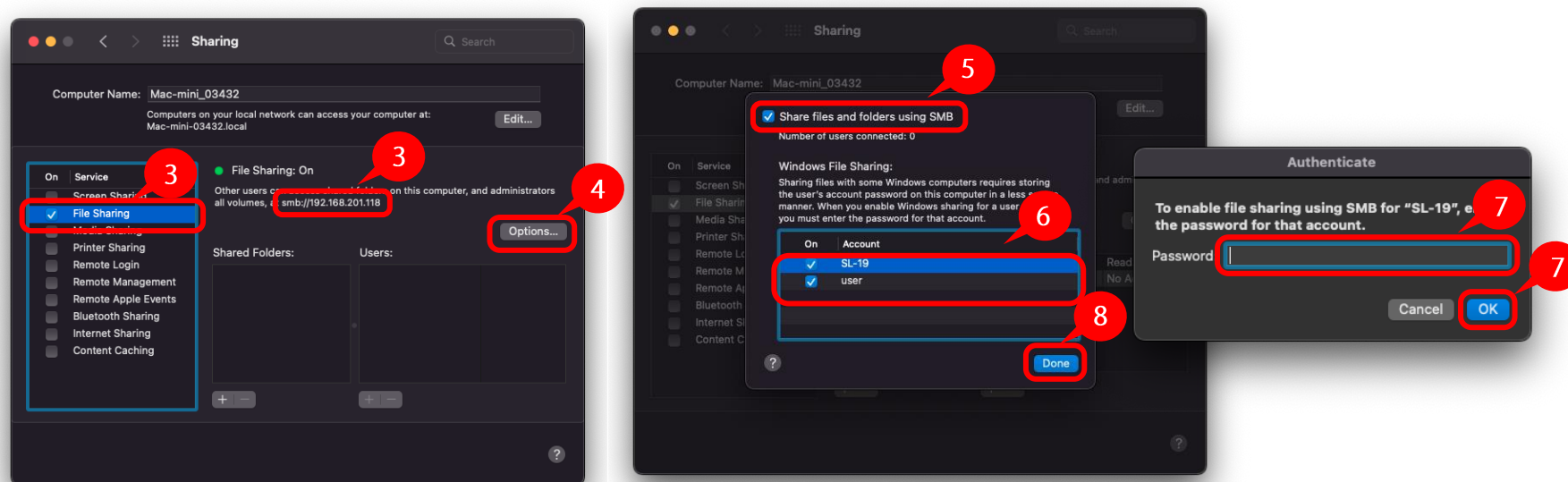
STEP 6 Set up the shared folder



① Press the "Apple" menu, and select the "System Preferences."



② Click the "Sharing" icon.



③Check "File sharing."

File sharing: Write the character string displayed under "ON" by removing "smb://" from "smb://xxxxx" in the [Shared computer name] column of the table on page 2 of this document.

④Click "Options."

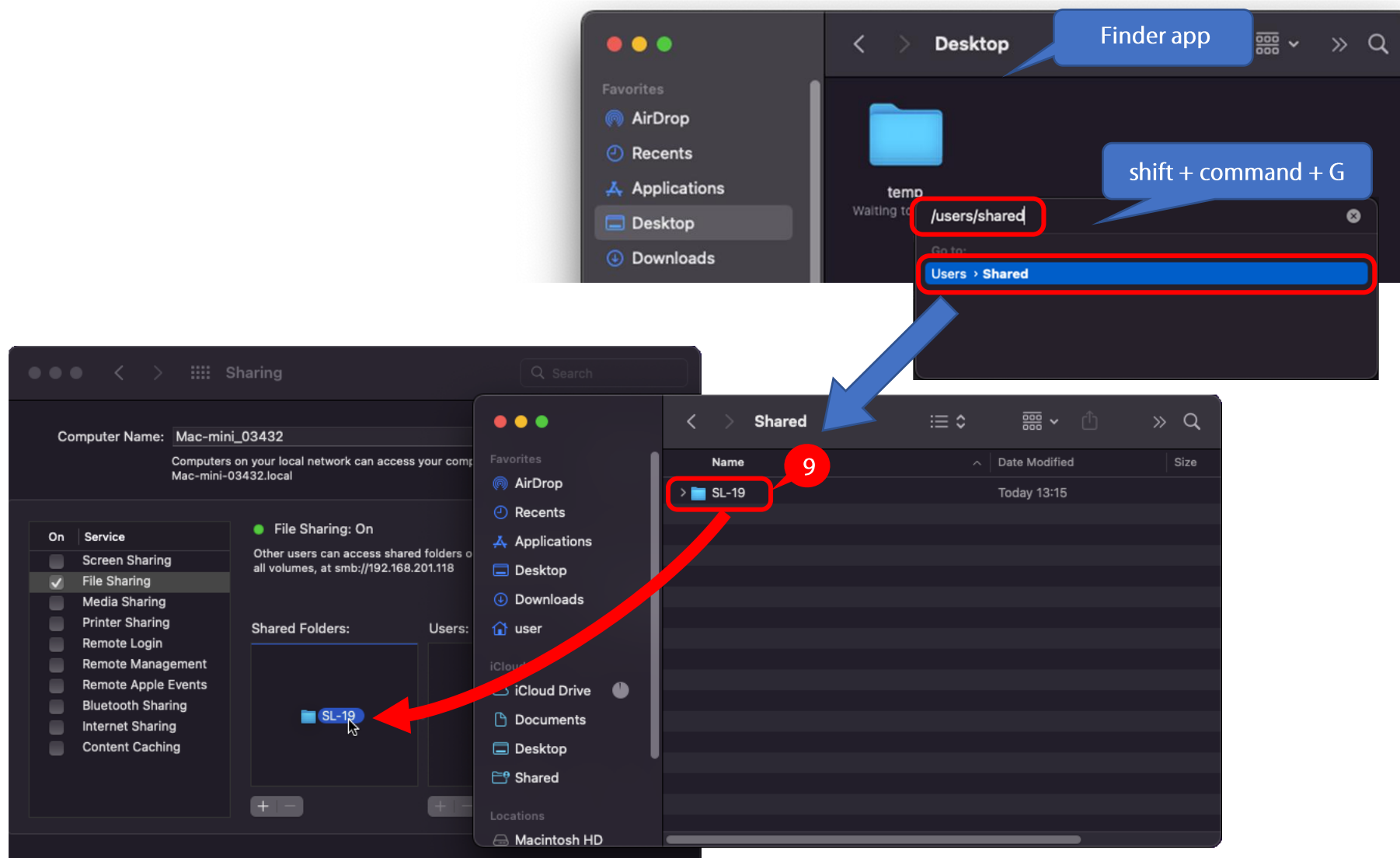
⑤Check "Share files and folders using SMB."

⑥Check the all user accounts that use for file sharing from the "Windows File Sharing" list.

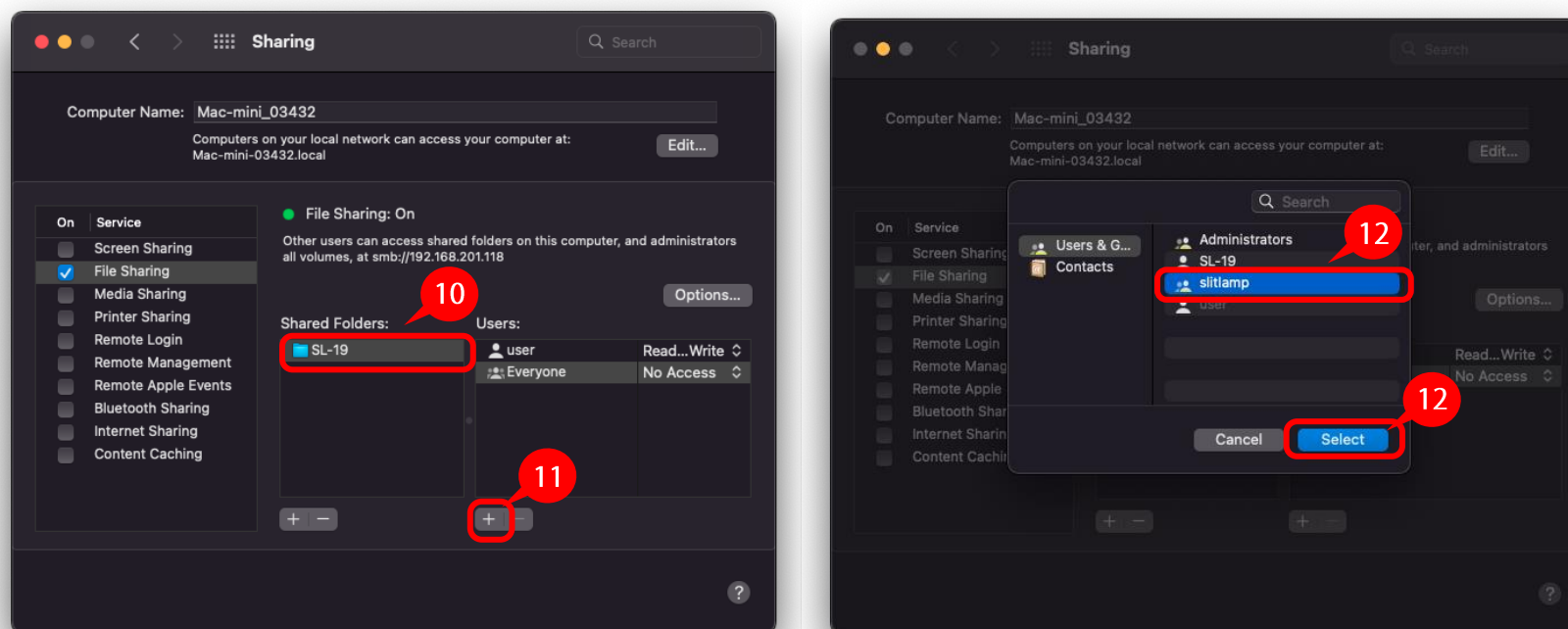
⑦When prompted to enter a password, enter the password in the [Shared password] of the table on page 2 of this document and click "OK."

Repeat ⑥ and ⑦ for all user accounts.

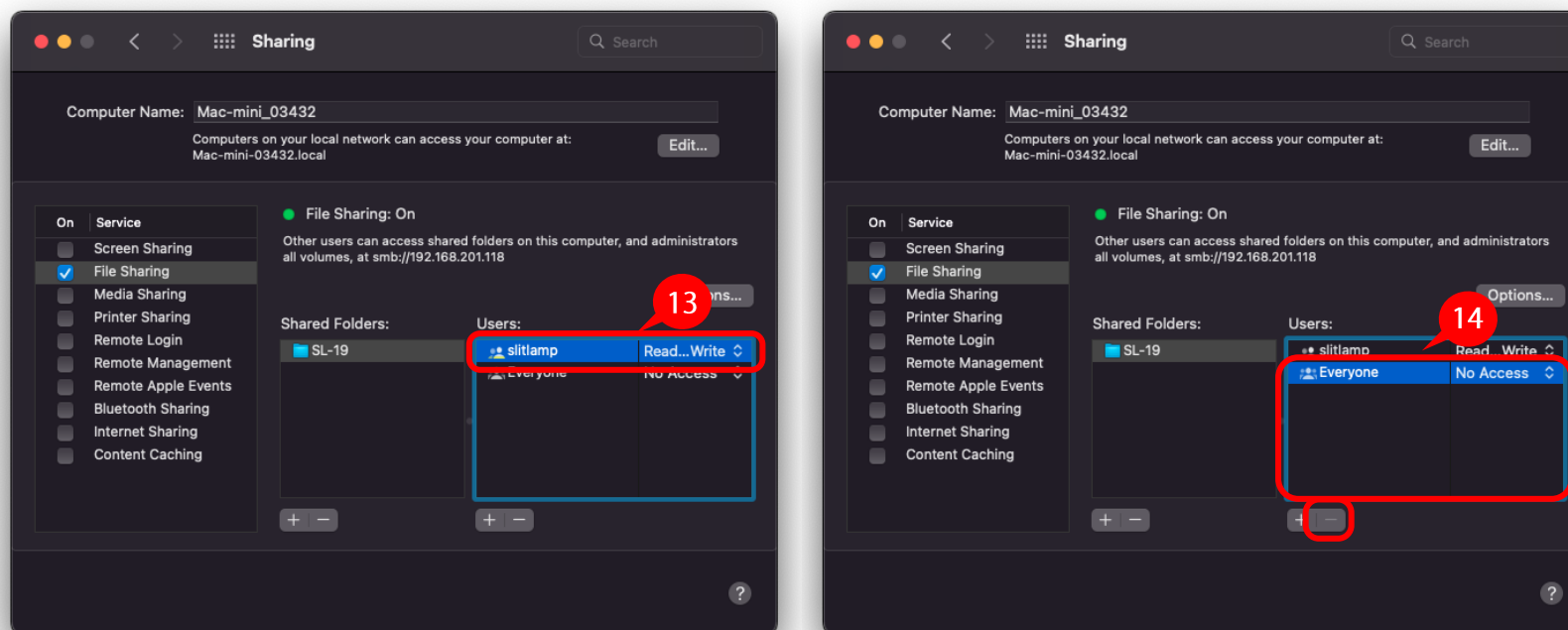
⑧Click "Done."



- ⑨ Drag & Drop the shared folder created in STEP 2 to the "Shared Folders" list and add it to the list.
Write the name of the added shared folder in the [Shared name] column on page 2 of this document.



- ⑩ Select the added folder from the "Shared Folders" list.
- ⑪ Click "+" below the "Users" list.
- ⑫ Select the group created in STEP5-⑨ and click "Select."



⑬ Select the permissions of the group added in the "Users" list to the "Read & Write."

⑭ In the "Users" list, select any user account or group other than the user account used for sharing, and click "-" to delete it. Please note that "Everyone" cannot be deleted, so change the permissions to "No Access."

STEP 7 Set access permissions for files created under the shared folder

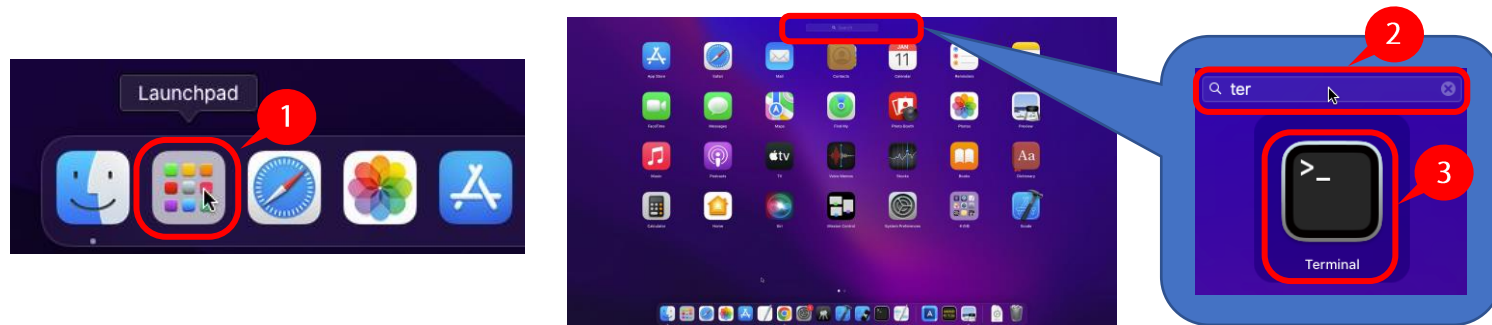
When multiple user accounts create files in the shared folder, each file can only be accessed by the user account that created it. (Accessing the file created by another user account results in an error.)

In order to resolve the above error, prepare the command to change the access permissions of the file created in the shared folder. The instructions for executing the command are described on the next page.

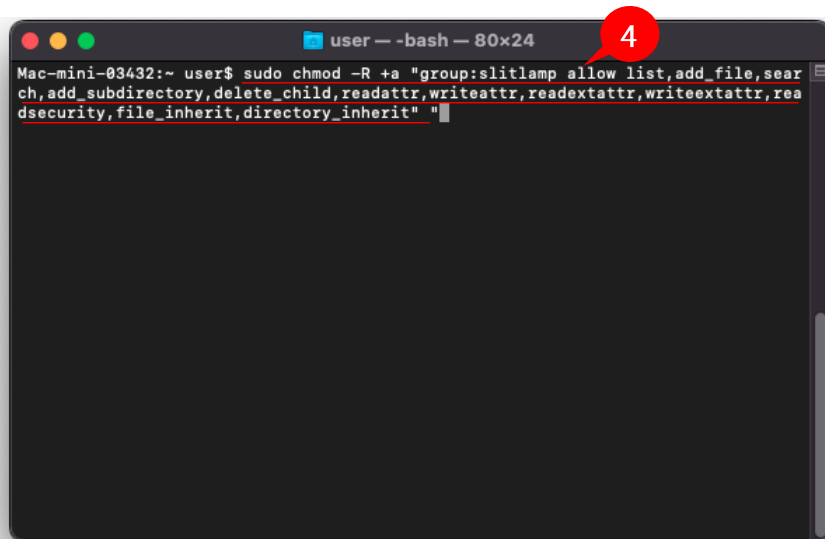
Command format

```
sudo  chmod  -R  +a  "group:YourGroupName  allow  list,add_file,search,add_subdirectory,delete_child,readattr,writeattr,readextattr,writeextattr,readsecurity,file_inherit,directory_inherit"  "/Volumes/volumename/path/to/share"
```

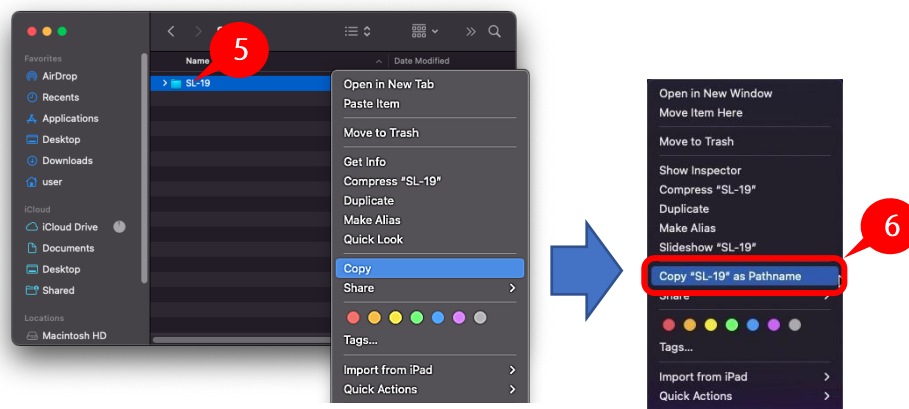
- * The command is entered continuously without line breaks.
- * For in the command, enter a "space".
- * For "YourGroupName" in the command, enter the group name created in STEP5-⑨.
- * In the command, "/Volumes/volumename/path/to/share" enters the full path of the shared folder. Instructions on how to check the full path will be described below.
- * Based on the command format, write the command up to 『" 』 before /Volumes (full path) as the text file.



- ① Open the Launchpad app.
- ② Search for the "Terminal" app. In the search box at the top, type [terminal].
- ③ Open the Terminal app.



- ④ Enter the command string without the path name in Terminal.
Do not press the enter key.

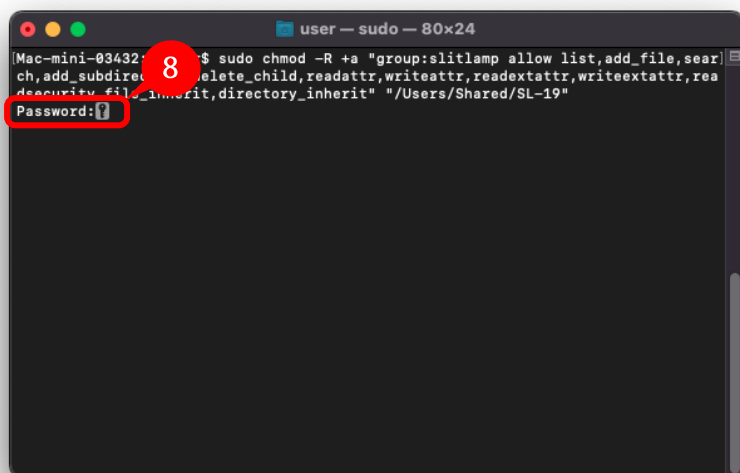


⑤ Right-click the shared folder.

⑥ Press the "Option" key. Select "Copy the path name of **folder**".



⑦ Select the "Terminal" app, make sure the cursor is at the end of the command string, and right-click. When you select "Paste", the full path of the shared folder is entered. Enter 『』. Confirm the command strings. If correct, press the "Enter" key.



⑧ When prompted to enter a password, enter the password of a user account with administrator privileges and press the "Enter" key.

* The password input string is not visible. If you make a mistake, just press the enter key and you will be asked to enter it again.

If an error message appears after entering the password and pressing the enter key, try again from STEP7-④. In this case, carefully check the command string for typos.

If you are not prompted to enter a password and "dquote>" is displayed, the "" (double quotation mark) is probably missing from the command string you entered. Press "Control+C." The command input will be canceled. Please start again from STEP 7-④.

Set up is complete for Case 2.



Technology for Life Science



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