What you can do with this procedure
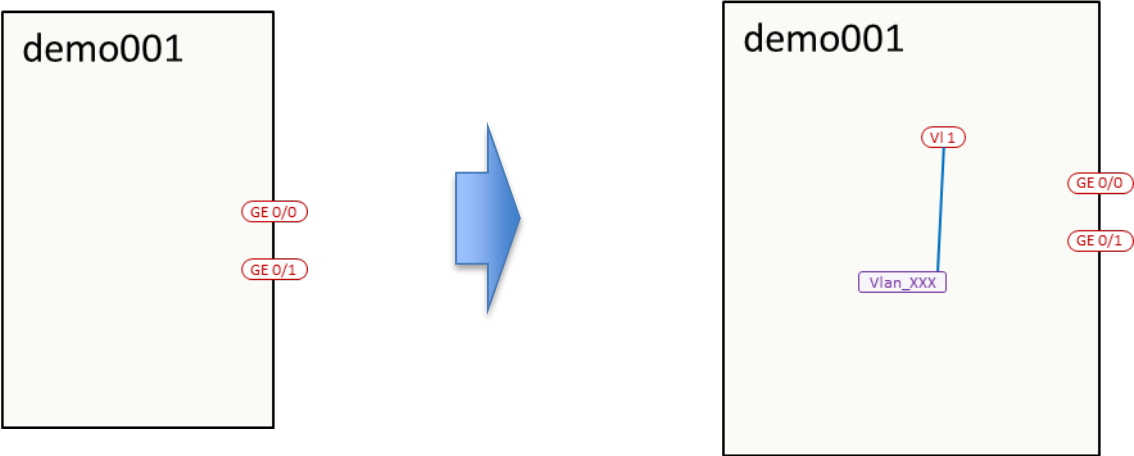
Update the [L2 Table] sheet of the device file to create a VLAN interface (SVI).

L2 configuration diagram

XX x/x	L2 mode interface
XX x/x	L3 mode interface
XXXX	L2 segment

(1) Generation of device port management table

Export the device file by referring to "2-4 Exporting Device Files (with commentary)".

(2) Update [L2 Table] sheet VLAN Interface (SVI)

Add an Excel row between the rows of the device you want to add the SVI of the device file [L2 Table] sheet. In the added row, enter the SVI name in "Virtual Port Name" and the L2 segment name to connect to "Connected L2 Segment Name".

- L2 segment names cannot contain spaces.
- An SVI can only be connected to one L2 segment. Do not enter more than two L2 segments.

(1) Insert new row

(2) Enter the SVI name and the L2 segment name to be connected.

Device Name	Port Mode	Port Name	Virtual Port Mode	Virtual Port Name	Connected L2 Segment Name(Comm
demo001	Routed (L3)	GigabitEthernet 0/0			
				Vlan 1	Vlan_XXX
	Routed (L3)	GigabitEthernet 0/1			

Search the menus
- Cut
- Copy
- Paste Options:
- Paste Special…
- Insert

* The changes are listed in red, but the color does not matter.

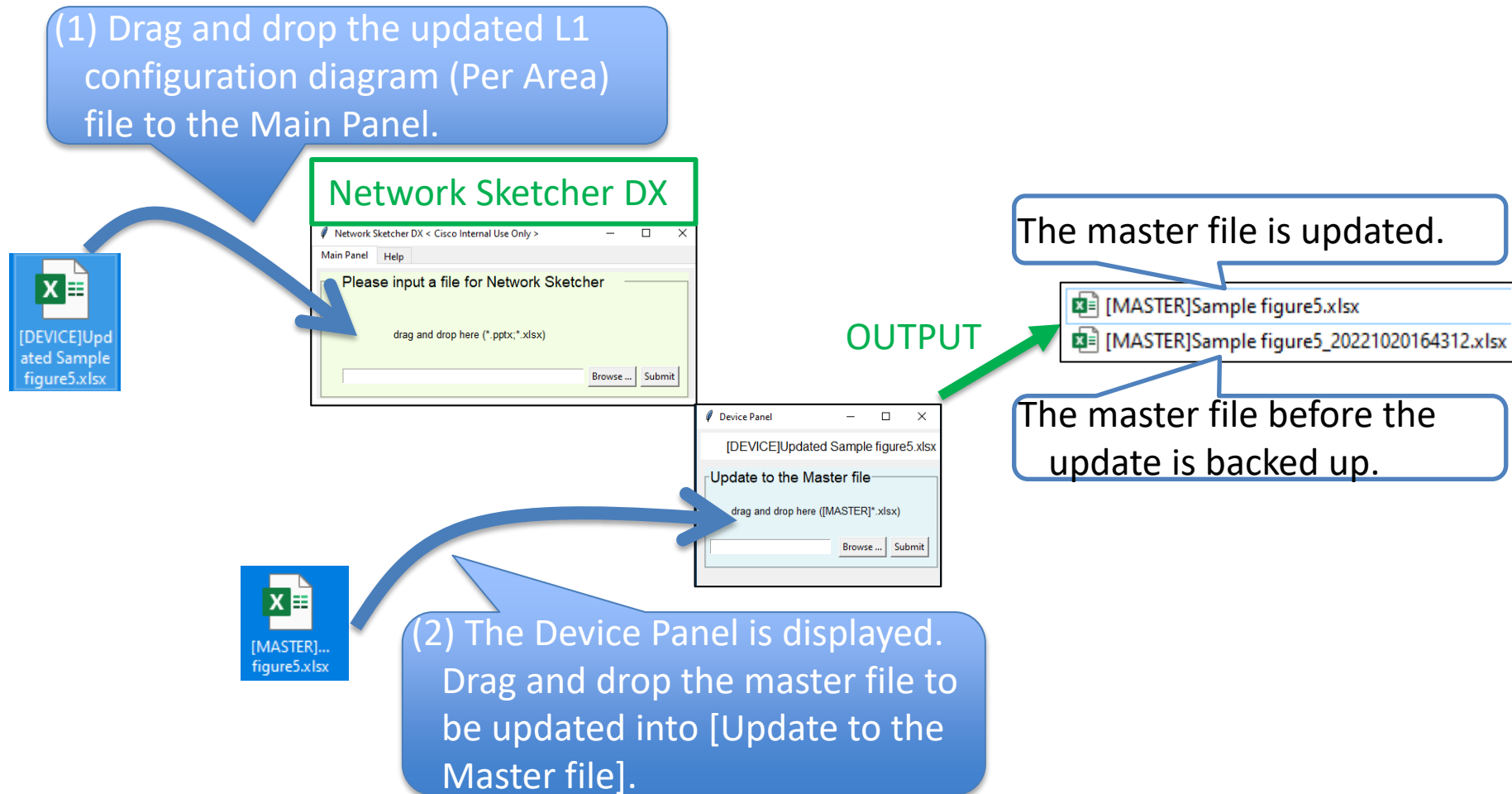The naming convention for "Virtual Port Name" is as follows, as with physical interfaces.

Please put a space between the port type name and the port number.

[Port type name] + [Space] + [Port number]

Portchannel 0/4
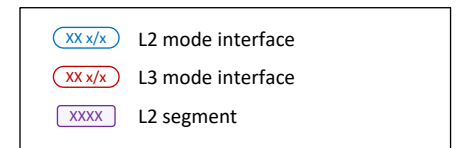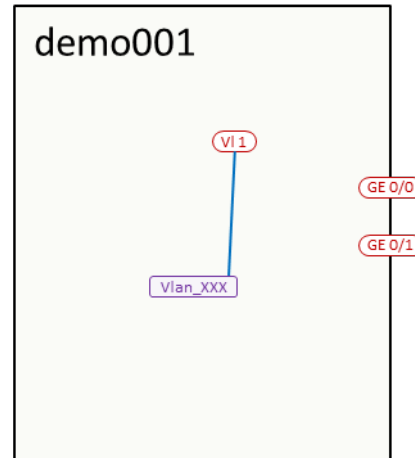
(3) Synchronization of update information 1

Select and synchronize the updated device file and the destination master data file. Since the master data is updated, the original master data is backed up with "_yyyymmddhhss" in the file name.

(1) Drag and drop the updated L1 configuration diagram (Per Area) file to the Main Panel.

Network Sketcher DX

Network Sketcher DX < Cisco Internal Use Only >

Main Panel | Help

Please input a file for Network Sketcher

drag and drop here (*.pptx;*.xlsx)

Browse ... | Submit

[DEVICE]Updated Sample figure5.xlsx

[MASTER]... figure5.xlsx

Device Panel

[DEVICE]Updated Sample figure5.xlsx

Update to the Master file

drag and drop here ([MASTER]*.xlsx)

Browse ... | Submit

OUTPUT

The master file is updated.

[MASTER]Sample figure5.xlsx
[MASTER]Sample figure5_20221020164312.xlsx

The master file before the update is backed up.

(2) The Device Panel is displayed. Drag and drop the master file to be updated into [Update to the Master file].

(4) Confirmation of L2 configuration diagram

"[2-2. generation of L2 diagram (with commentary)](#)" to generate an L2 configuration diagram and confirm that the changes are reflected.

L2 configuration diagram: generation example

XX x/x	L2 mode interface
XX x/x	L3 mode interface
XXXX	L2 segment

[Reference] Device File [L2 Table] Sheet Explanation

Description of the [L2 Table] sheet for the device file name [DEVICE]~. Refer to the < L2/L3 Configuration > section for the desired Layer 2 configuration method.

Area Name

Device name

Physical Port Mode

Physical port name

Virtual Port Modes

Virtual Port Name

L2 segment name to connect

L2 segment name to which the subinterface connects
(Used only when the L3 virtual port connects directly to a physical port in L2 mode)

Area	Device Name	Port Mode	Port Name	Virtual Port Mode	Virtual Port Name	Connected L2 Segment Name(	L2 Name directly received by L3 Virtual Port
DC-TOP1	FW-12~1~			Routed (L3)	Vlan 1	DefaultVlan	
				Routed (L3)	Vlan 1300	vlan1300	
				Routed (L3)	Vlan 1400	vlan1400	
				Routed (L3)	Vlan 1401	vlan1401	
				Routed (L3)	Vlan 1500	vlan1500	
				Routed (L3)	Vlan 1501	vlan1501	
		Switch (L2)	GigabitEthernet 0/1	Switch (L2)	Portchannel 0	DefaultVlan	
		Switch (L2)	GigabitEthernet 0/2	Switch (L2)	Portchannel 1	Vlan200	
		Switch (L2)	GigabitEthernet 0/5	Switch (L2)	Portchannel 1	Vlan200	
		Switch (L2)	GigabitEthernet 0/6	Switch (L2)	Portchannel 0	DefaultVlan	
		Switch (L2)	GigabitEthernet 0/12			vlan1300,vlan1400	
		Switch (L2)	GigabitEthernet 0/13	Routed (L3)	GigabitEthernet 0/13.99		

L1 Table	**L2 Table**	L3 Table