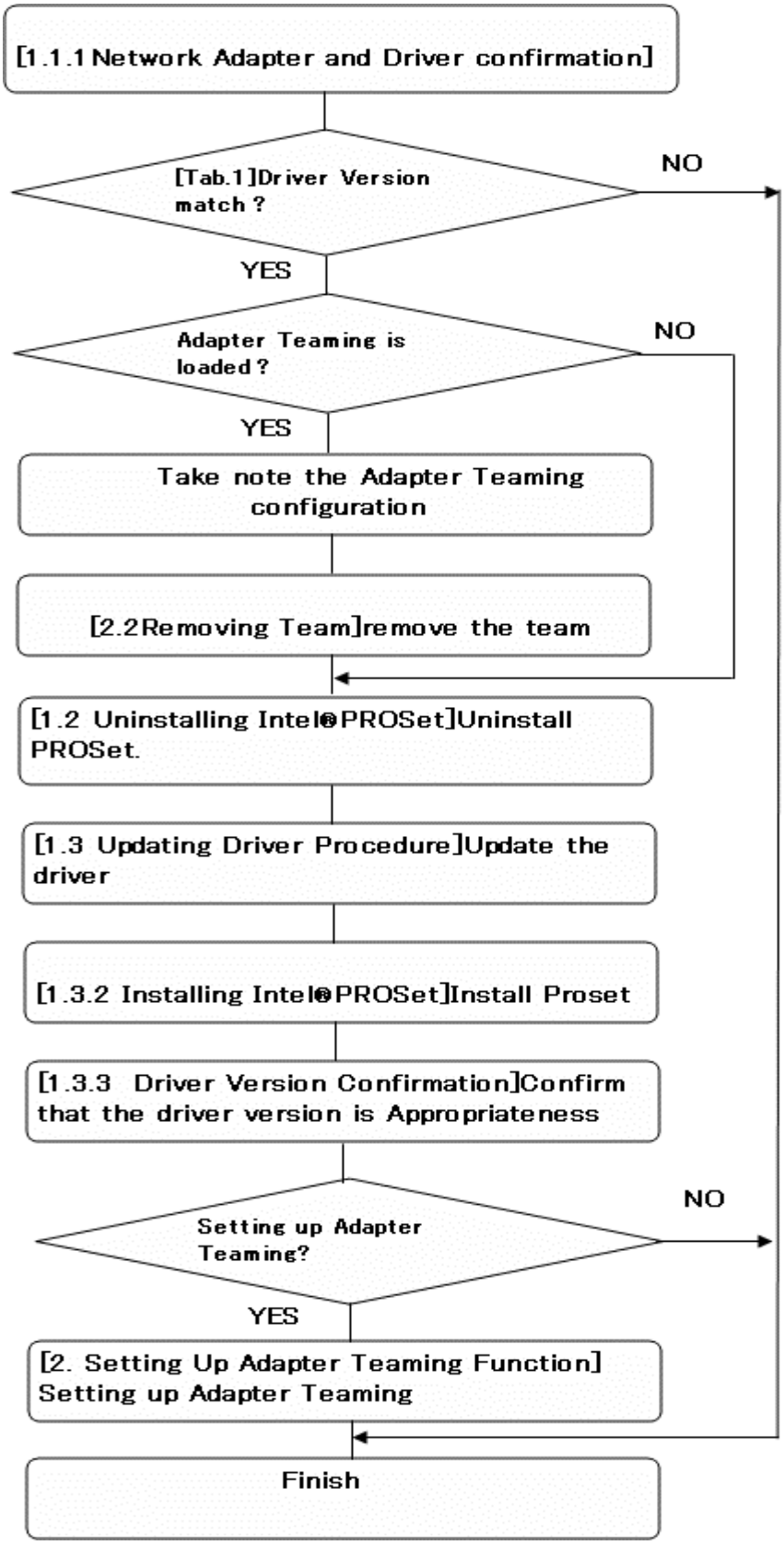
1. Updating LAN Driver

- The update process is executed by the following flow.



1.1 Preparation

1.1.1 Network Adapter and Driver Confirmation

Be sure the Intel® Network Adapter is presence on server.
The driver update is necessary by some driver version.
Refer to [1.3 LAN Driver Updating Procedure] to update the driver.

Important

- Remove all virtual adapter that created by the Adapter Teaming before start to update the driver
- Do not remove the driver from Device Manager or Intel® PROSet If Adapter Teaming is loaded.

Tips

To confirm the presence of Intel® Network Adapter, open Device Manager and check the [Network Adapters] tree. If Intel® PRO…is displayed it is mean that Intel® Network Adapter is exist.

1.1.2 Driver version confirmation

1. Open the [**Local Area Network**] Properties.

From [Start] menu, open [Control Panel].Open the [Network Connections].
Open [Local Area Connection] Properties and click [Configure].

Click [Driver] tab and confirm [Driver Version]

Driver update is necessary if the driver version match to the following table.

Table1

Category	OS/Driver File Name	Driver Version
100 BASE Driver	Windows® Server 2003: e100b325.sys	**8.0.19.0 - 8.0.21.0**
	Windows® Server 2003 x64 Editions: eFE5b32e.sys	
	Windows® XP x64 Editions: eFE5b32e.sys	
1000 BASE Driver (PCI)	Windows® Server 2003: E1000325.sys	**8.5.14.0 - 8.6.11.0**
	Windows® Server 2003 x64 Editions: e1G5132e.sys	
	Windows® XP x64 Editions: e1G5132e.sys	
1000 BASE Driver (PCI-Express)	Windows® Server 2003: e1e5132.sys	**9.0.15.0 - 9.2.24.0**
	Windows® Server 2003 x64 Editions: e1e5132e.sys	
	Windows ® XP x64 Editions: e1e5132e.sys	

1.2 Uninstalling Intel® PROSet

Important	If Adapter Teaming is loaded, refer [2.2Remove an Adapter Teaming] to remove the team.
Important	Do not remove the driver from Device Manager or Intel® PROSet when Adapter Teaming is loaded.
Check	Team configuration will lose when Intel® PROSet uninstalled. Take notes all of the configuration before begin to uninstall. After install the Intel® PROSet, reconfigure the team.

1. Reboot the system.
2. From Control Panel, double click [**Add or Remove Programs**].
3. PROSet is presence If the following is displayed in the list.
   - Intel(R) PRO Network Connections 10.0.26.0
   - Intel(R) PRO Network Connections 10.1.41.0
   - Intel(R) PRO Network Connections 10.2.66.0
4. Select above [Intel(R) PRO Network…] and click [Change/Remove] and Select [All drivers and software] on [Remove Options] dialog.
5. Click [Remove].
6. Click [Finish].
7. Close all windows and reboot the system.

1.3 Updating Driver

1.3.1 Updating driver

1. Insert the [Intel LAN Driver Update CD] in the CD drive.
2. Open [Device Manager] and double click [Ethernet Controller] / [Intel(R)PRO...].
3. Click [Driver] tab and click [Update Driver].
4. Select [No, not this time] and click [Next].
5. Select [Install from a list or specific location (Advanced)] and click [Next]
6. Select [Include this location in the search] and click [Browse] to specify the following folder.

   - Windows® Server 2003

   100Base:
   [<CD Drive letter>:¥DL1¥PRO100¥WIN32]
   1000Base:
   [<CD Drive letter>:¥DL1¥PRO1000¥WIN32]

   - Windows® Server 2003 x64 Editions/Windows® XP x64 Editions

   100Base:
   [<CD Drive letter>:¥DL1¥PRO100¥WINX64]
   1000Base:
   [<CD Drive letter>:¥DL1¥PRO1000¥WINX64]

   Click [Next].

7. Click [Finish].

1.3.2 Installing Intel® PROSet

1. Insert the [Intel LAN Driver Update CD] in the CD drive.
2. Open [Explore]
3. Click [DxSetup.exe] icon in the following folder.

   ■Windows® Server 2003
   [<CD Drive Letter>:¥DL1¥PROSET¥WIN32]

   ■Windows® Server 2003 x64 Editions/Windows® XP x64 Editions
   [<CD Drive Letter>:¥DL1¥PROSET¥WINX64]

   [Intel(R) PRO Network Connections - InstallShield Wizard] will display.

4. Click [Next].
5. Select [I accept the terms in the license agreement] and click [Next].
6. Select [Drivers, Intel PROSet, and Advanced Network Services] and click [Next].
7. Click [Install].
8. Click [Finished].
9. Reboot the system.

1.3.3 Driver Version Confirmation

After install the driver, refer [1.1.2 Driver Version Confirmation Procedure] confirm the following driver version.

Table2

Category	OS/Driver File Name	Driver Version
100 BASE Driver	Windows® Server 2003: e100b325.sys	**8.0.43.0**
	Windows® Server2003 x64 Editions: eFE5b32e.sys	
	Windows® XP x64 Editions: eFE5b32e.sys	
1000 BASE Driver (PCI)	Windows® Server 2003: E1000325.sys	**8.8.1.0**
	Windows® Server 2003 x64 Editions: e1G5132e.sys	
	Windows® XP x64 Editions: e1G5132e.sys	
1000 BASE Driver (PCI-Express)	Windows® Server 2003: e1e5132.sys	**9.7.34.0**
	Windows® Server 2003 x64 Editions: e1e5132e.sys	
	Windows® XP x64 Editions: e1e5132e.sys	

2. Setting Up Adapter Teaming Function

2.1 Setting up

Important	Close all other windows before begin to setting up Adapter Teaming.

1. Start Intel® PROSet.

   From [Start] menu, open [Control Panel]. Open the [Network Connections] Properties, and click [Configure].

2. Adapter Teaming windows display

   Click [Teaming] tab.
   Check [Team with other adapters] check box.
   Click [New Team].
   [New Team Wizard] dialog will display.

3. Naming the team

   Specify the team name in [Specify a name for the team] and click [Next]

4. Select team member adapter

   Check the adapter check box in [Select the adapters to include in this team] list.

5. Select Team Mode

   AFT … "**Adapter Fault Tolerance**"
   SFT … "**Switch Fault Tolerance**"
   ALB … "**Adaptive Load Balancing**"

6. Final Work

   Click [Finish].
   Click [Ok] on [Team:(Team name)Properties].
   Click [Ok] on Adapter properties window.

7. Reboot the system.

2.2 Removing Team

1. Start Intel® PROSet.

From [Start] menu, open [Control Panel].Open the [Network Connections]Properties, and click[Configure].

2. Remove Team.

Click [Settings] tab, Click [Remove Team] and Click [yes] to the [Team Settings] dialog.

Important	Do not use Intel® PROSet Adapter Team mode modify function to change the Team mode. Recreate the new team to modify the team mode.