

## .NET Framework Update Guide

The Print Server uses .NET Framework but Microsoft Corporation's support for .NET Framework 4/4.5.1 ceased on January 12, 2016 (PST). Therefore, the Print Server must be updated to .NET Framework 4.5.2. Please update this according to the following procedure.

The following procedure is intended that a System Administrator of the Print Server can fix the vulnerabilities. The steps described below must be performed on the Print Server.

### 1 Preparation

#### **Files Required for Fixing Vulnerabilities**

An Internet connection is required before proceeding. Access the following URL and download the file

**NDP452-KB2901907-x86-x64-AllOS-ENU.exe** by clicking the **DOWNLOAD** button.

<http://www.microsoft.com/en-us/download/details.aspx?id=42642>

Afterwards, proceed with the download of the .NET Framework 4.5.2 updates.

Update	URL	File Name
MS14-053	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=44181">https://www.microsoft.com/en-us/download/details.aspx?id=44181</a>	NDP45-KB2972216-x64.exe
MS14-057	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=44320">https://www.microsoft.com/en-us/download/details.aspx?id=44320</a>	NDP45-KB2972107-x64.exe
MS14-072	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=44686">https://www.microsoft.com/en-us/download/details.aspx?id=44686</a>	NDP45-KB2978128-x64.exe
MS15-041	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=46529">https://www.microsoft.com/en-us/download/details.aspx?id=46529</a>	NDP45-KB3037581-x64.exe
MS15-048 (KB3023224)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=46962">https://www.microsoft.com/en-us/download/details.aspx?id=46962</a>	NDP45-KB3023224-x64.exe
MS15-48 (KB3035490)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=46958">https://www.microsoft.com/en-us/download/details.aspx?id=46958</a>	NDP45-KB3035490-x64.exe
MS15-101 (KB3074550)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=48861">https://www.microsoft.com/en-us/download/details.aspx?id=48861</a>	NDP45-KB3074550-x64.exe
MS15-101 (KB3074230)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=48908">https://www.microsoft.com/en-us/download/details.aspx?id=48908</a>	NDP45-KB3074230-x64.exe
MS15-118 (KB3097996)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=49810">https://www.microsoft.com/en-us/download/details.aspx?id=49810</a>	NDP45-KB3097996-x64.exe
MS15-118 (KB3098781)	<a href="https://www.microsoft.com/en-us/download/details.aspx?id=49614">https://www.microsoft.com/en-us/download/details.aspx?id=49614</a>	NDP45-KB3098781-x64.exe

## 2 Procedure

Follow the steps below to apply the security updates.

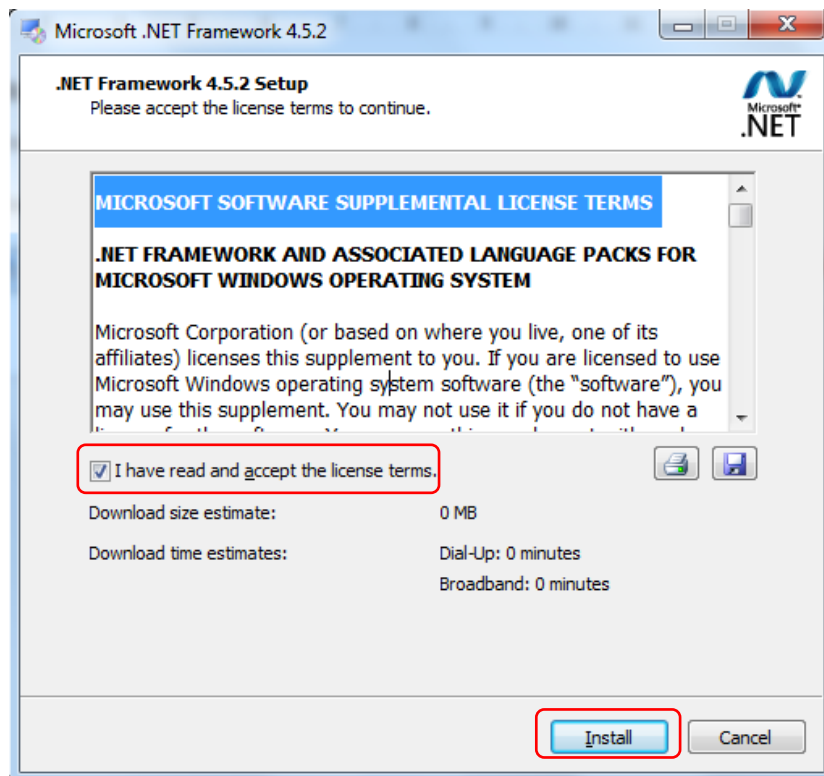
### 2.1 Preparation before Applying the Security Updates

- (1) Select *Control Panel > Administrator Tools > Service*.
- (2) Set the **Startup Type** of the following services to **Manual**.
  - Fuji Xerox AFP Service
  - Fuji Xerox Print Server Service
  - Fuji Xerox Print Server Service UI
- (3) Turn the power to the Print Server off and disconnect the network cable.  
**[Note]** Metal parts are exposed on the back of the Print Server's main body. When disconnecting the network cable be careful to avoid being injured by these parts. Alternatively, you can disconnect the network cable on the hub side.
- (4) Turn the Print Server back on.
- (5) If the Print Service runs after starting the Print Server then terminate it.

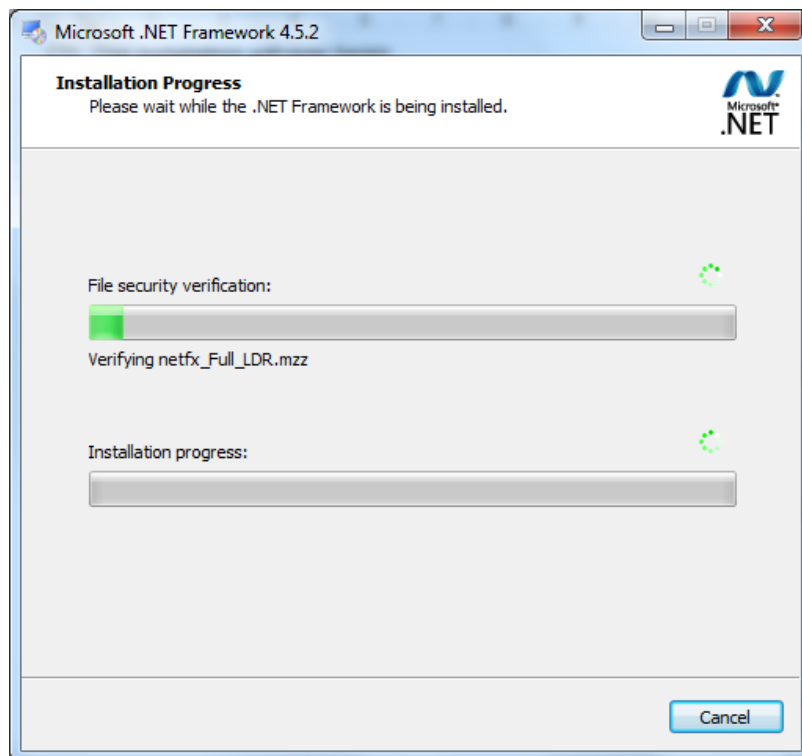
Terminate any other running applications.

### 2.2 How to Apply the Security Updates

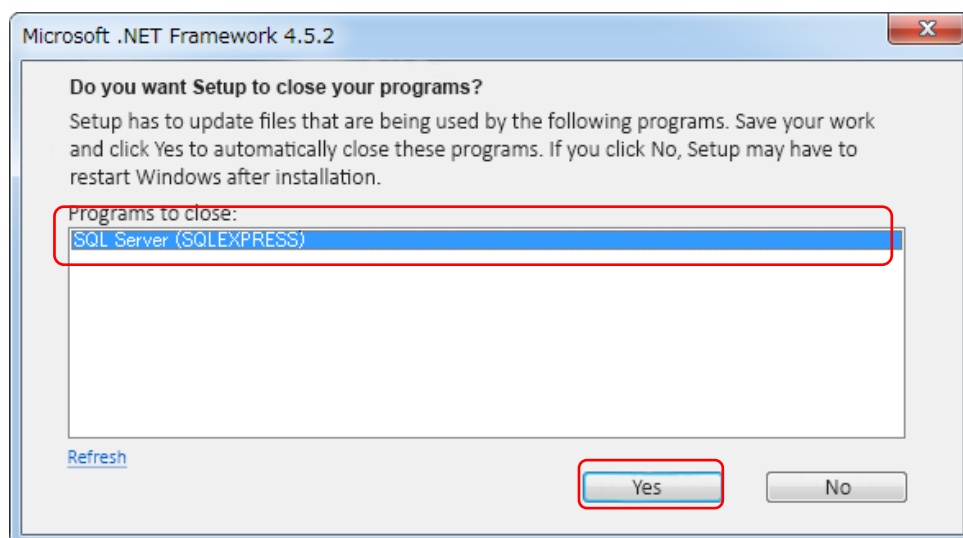
- (1) Double-click *NDP452-KB2901907-x86-x64-AllOS-ENU.exe*.
- (2) Tick to agree to the License Terms and click **Install**.



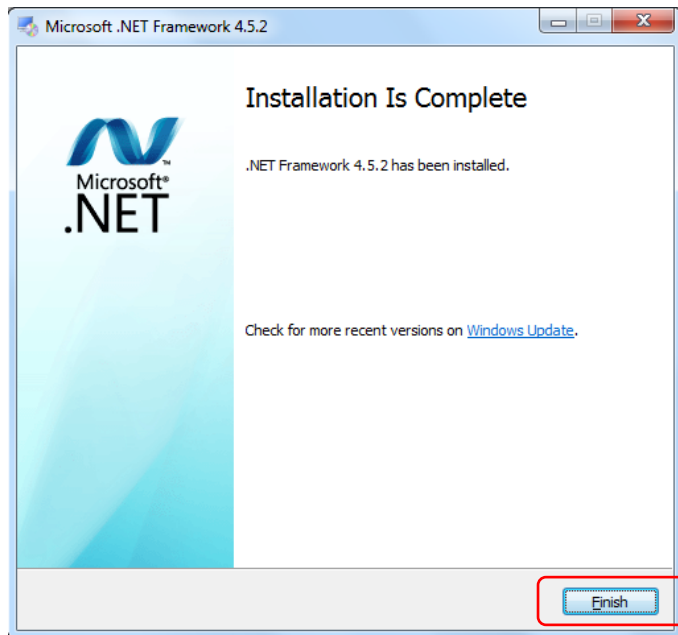
(3) The installation will now begin.



(4) If the window 'Automatically quit the program?' appears then select **SQL Server (SQLEXPRESS)** and click **Yes**.

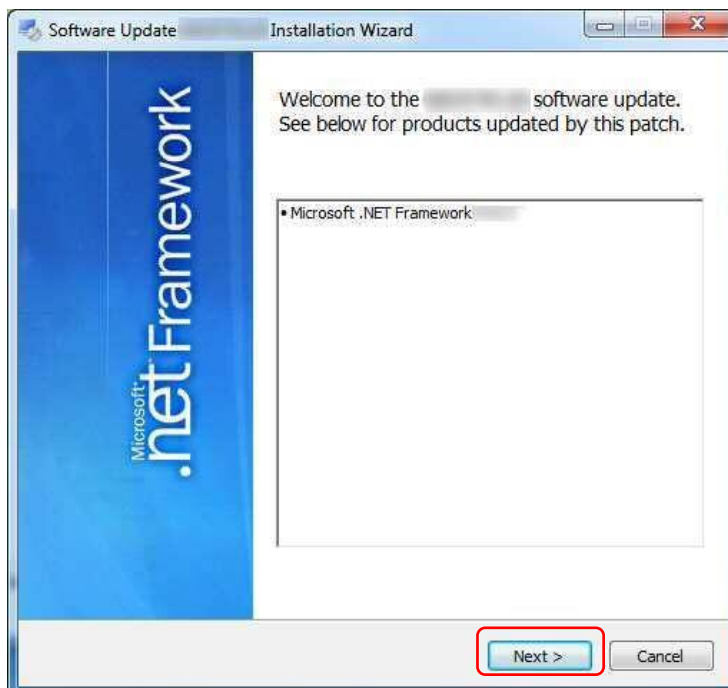


- (5) When *Installation complete* appears, click the **Done** button to complete the setup.

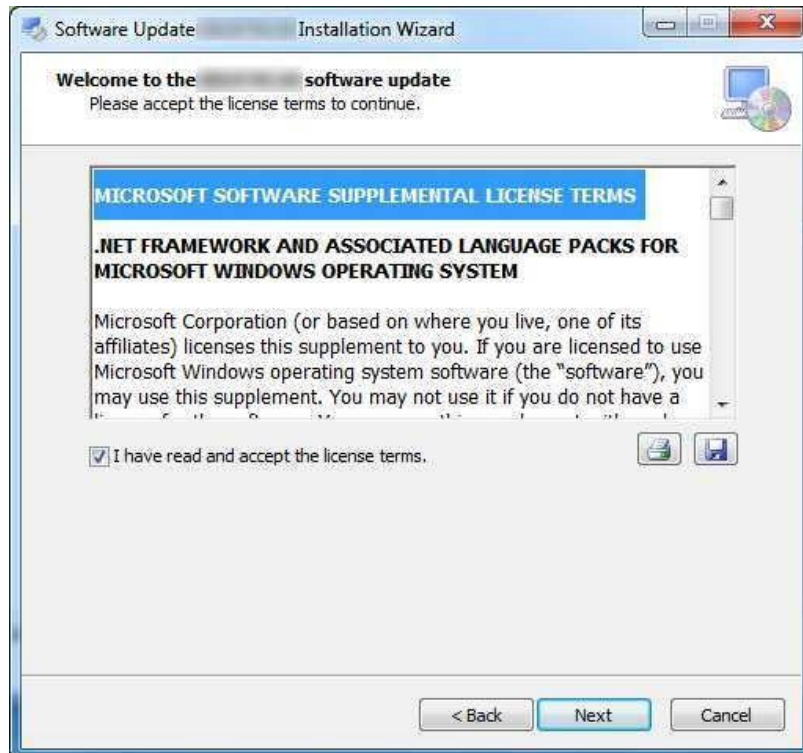


## 2.3 How to Apply the Security Updates for Microsoft .NET Framework 4.5.2

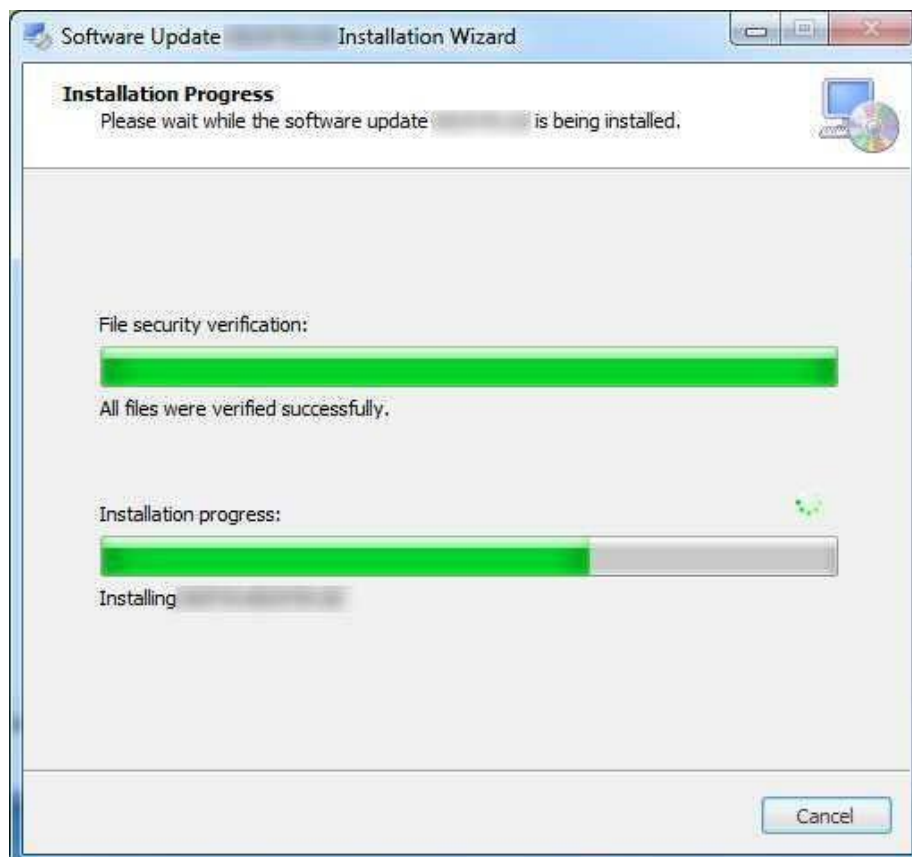
- (1) Double-click the security update file.
- (2) When the Installation Wizard appears click **Next**.



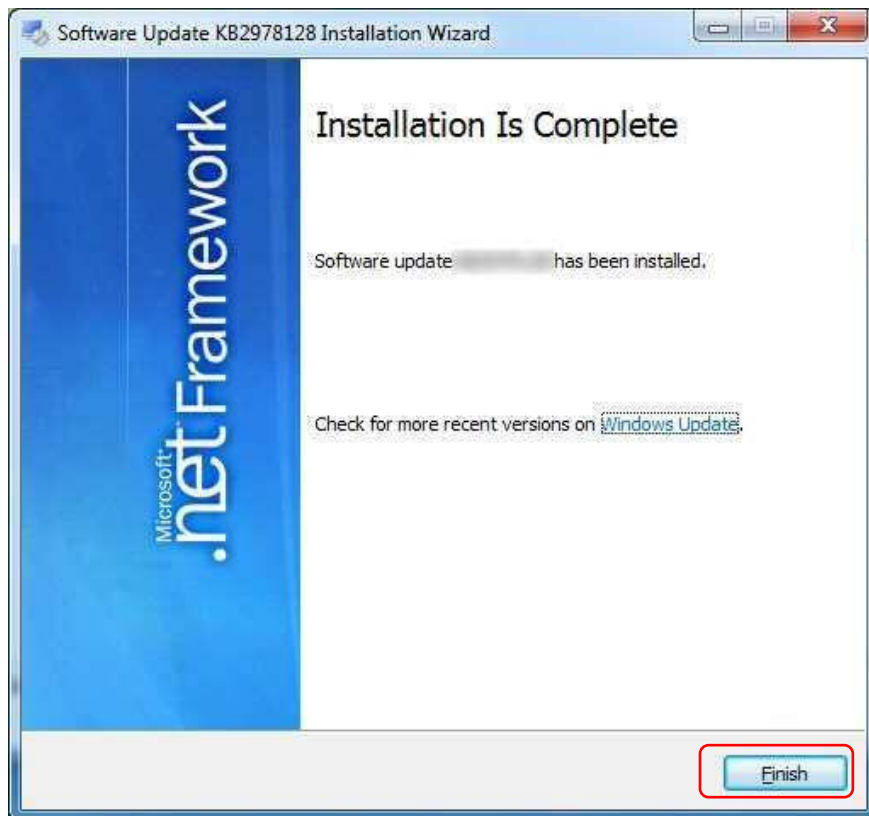
- (3) On the *License Agreement* page accept the License Terms and click **Next**.



(4) The installation will now begin.



(5) When the installation is finished click the **Done** button to complete the setup.



**[NOTE]** If the message "Restart your computer to finish installing" appears, click **Postpone**.

**[NOTE]** You can reboot the computer every time an update program is applied.

## **2.4 Applying Security Updates**

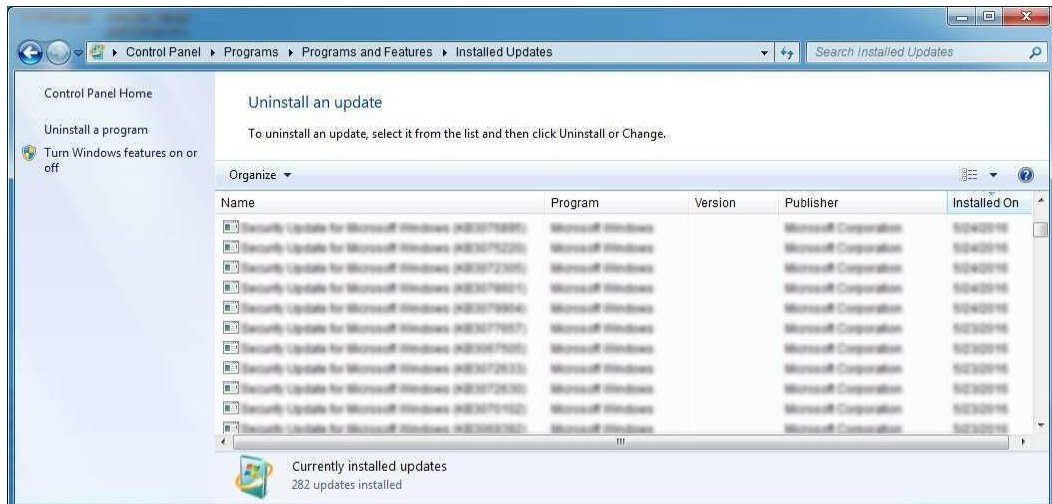
Follow the steps described in 2.3 to apply each security update in turn.

After completing the security updates select **Restart** from the *Start Menu* and reboot the Print Server.

## **2.5 Confirming the Security Updates have applied**

By following the procedure described below you can confirm if the security updates have been successfully applied.

- (1) Open Programs and Features by clicking **Start > Settings > Control Panel > Programs and Features**.
- (2) In the left pane, click **View Installed Updates**.



Confirm that the security updates that you applied are displayed in the list.

## 2.6 **Completing the Procedure**

Return the Services set from Step 2.1 to Auto Start.

- (1) Select **Control Panel > Administrator Tools > Service**.
- (2) Set the **Startup Type** of the following services to **Auto**.
  - Fuji Xerox AFP Service
  - Fuji Xerox Print Server Service
  - Fuji Xerox Print Server Service UI
- (3) Shut down the Print Server and reconnect the network cable.
- (4) Turn the Print Server back on.

## 3 **Additional Information**

You can find the latest information on viruses, spyware, and other malware on the following web page.

Microsoft Security Tech Center

<https://technet.microsoft.com/en-us/security>

Please contact our Customer Support Center for questions regarding this matter.

- \* The contact number of the Customer Support Center is listed on the label attached to the printer.
- \* When contacting ensure to supply the Model Name and Serial Number listed on the label.

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