



Intel Corporation  
NAND Solutions Group  
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**BULLETIN:** Workaround for Unusable System Protection Restore Points after Running the Intel® SSD Optimizer

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This bulletin addresses an issue for Intel SSD users who meet all four criteria:

1. Use Microsoft Windows Vista\* or Windows\* 7 operating systems, and
2. Use a 34nm Intel® Solid-State Drive (G2, silver case) with 02HA firmware or above, and
3. Use System Protection restore points, and
4. Downloaded the Intel® SSD Toolbox (Version 1.1) and ran the Intel SSD Optimizer at least once

If you do not meet all of the criteria above, please disregard this notice.

If you are not sure if your computer uses the System Protection services, continue reading to learn how to check your system for this condition.

For users for whom all four criteria apply, your System Protection restore points have been rendered unusable by the Intel SSD Optimizer.

This bulletin will help you:

1. Identify whether your system is currently using System Protection restore points  
**Note:** If your system is not using System Protection, you are not affected by this issue.
2. Prevent additional unusable system restore points due to running the Intel SSD Optimizer
3. Create a valid System Protection restore point
4. Delete the rest of the unusable System Protection restore points

Please follow the instructions that start on the next page.

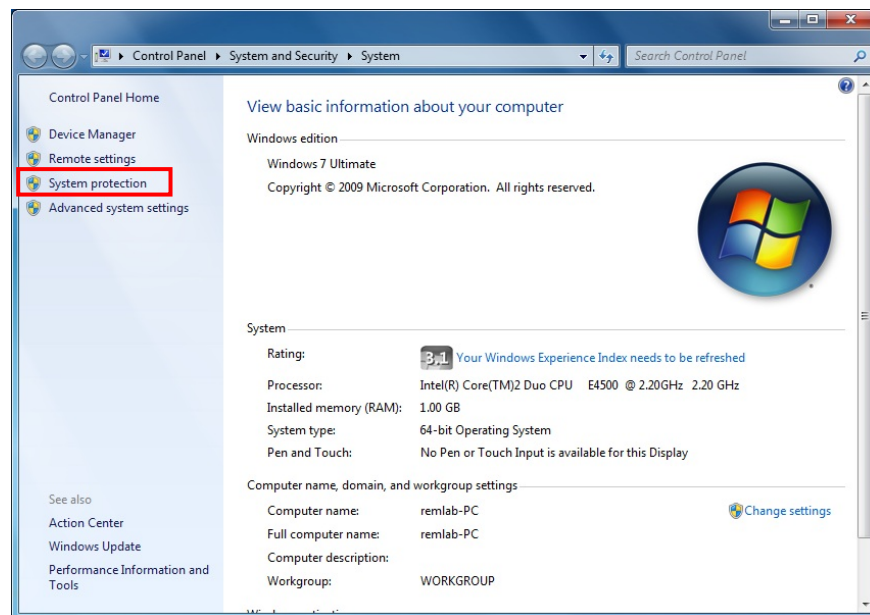


## Unusable System Protection Restore Points Workaround

Use the following instructions to determine if your computer has System Protection turned on, to create a new restore point, and to delete any unusable restore points.

### 1.0 Determine Whether System Protection Is On (for Microsoft Windows Vista\* and Windows\* 7)

1.1 Right-click the **Computer** icon and select **Properties** to display the following screen:



On the left menu bar, click **System protection**.

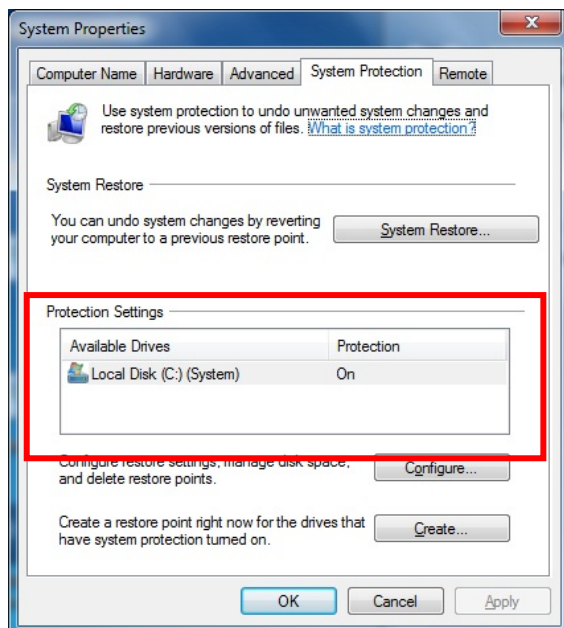
\*Other names and brands may be claimed as the property of others.



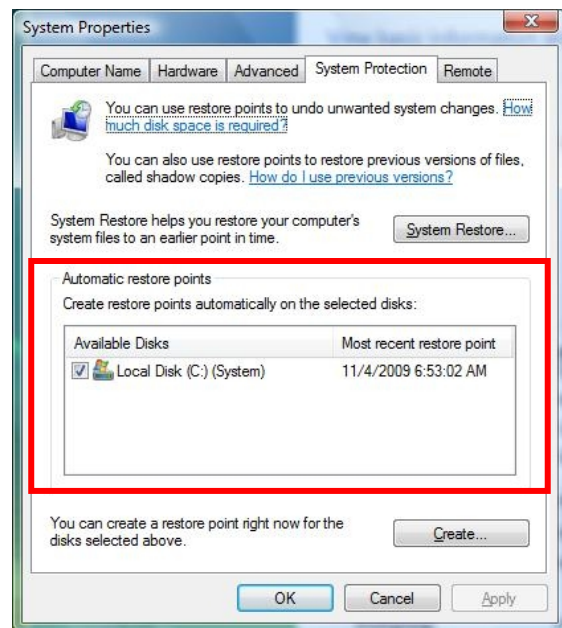
**1.2** The following screen shows whether or not System Protection is **On** for your particular drive.

- If it is **On** and the previous list of criteria (1-4) is true, please continue.
- If System Protection is **Off**, leave it off. You do not need to go any farther because your system does not use System Protection and your restore points are not susceptible to being rendered unusable by the Intel SSD Optimizer.

### Microsoft Windows\* 7



### Microsoft Windows Vista\*



## 2.0 How to Prevent Additional Un-usable System Protection Restore Points

Before creating a new System Restore point and deleting any unusable System Restore points, you need to

- Stop running any manual Intel SSD Optimizer sessions, and
- Remove any scheduled Intel SSD Optimizer runs

Eliminate any scheduled Intel SSD Optimizer runs using one of two ways:

### 1) Uninstall the Intel SSD Optimizer

- Click **Start** → **All Programs** → **Intel** → **Intel SSD Toolbox** → **Uninstall Intel SSD Toolbox**
- This will completely remove the SSD Toolbox from your system

OR

### 2) Remove scheduled Intel SSD Optimizer sessions

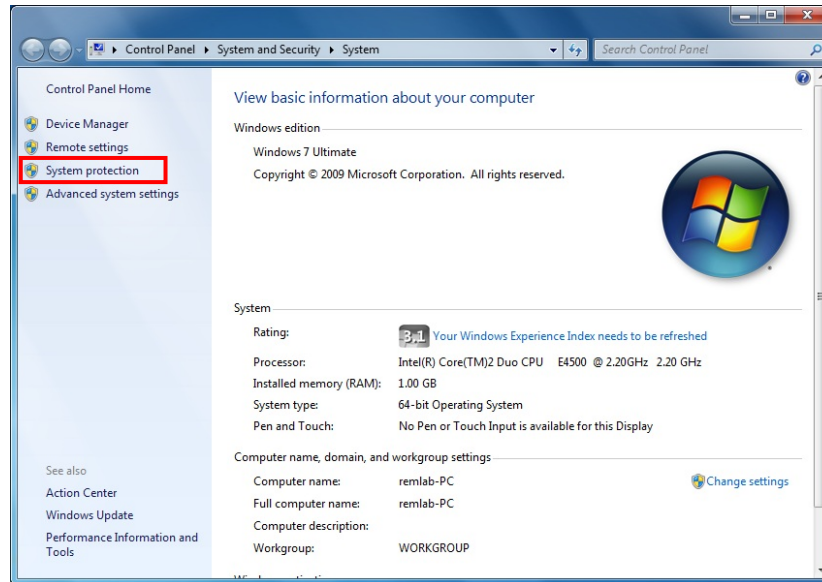
- In the Intel SSD Toolbox, click **Intel SSD Management Tools** → **Schedule**
- Next, click **Remove** for each scheduled Intel SSD Optimizer session

\*Other names and brands may be claimed as the property of others.



### 3.0 How to Create a New System Protection Restore Point

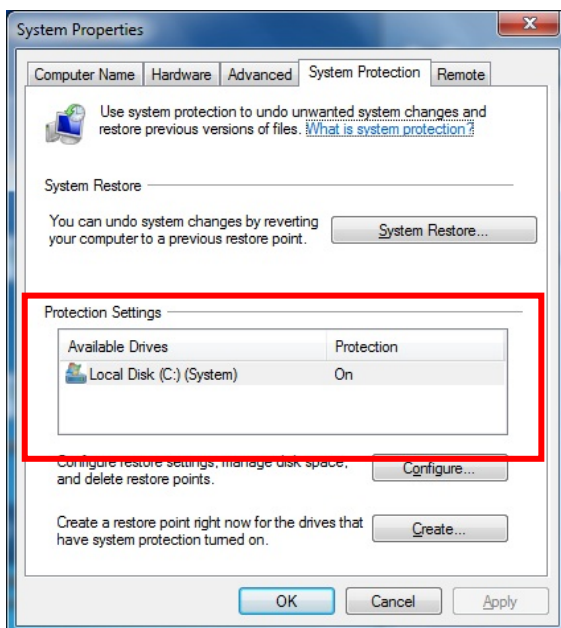
3.1 Right-click the **Computer** icon and select **Properties** to display the following screen:



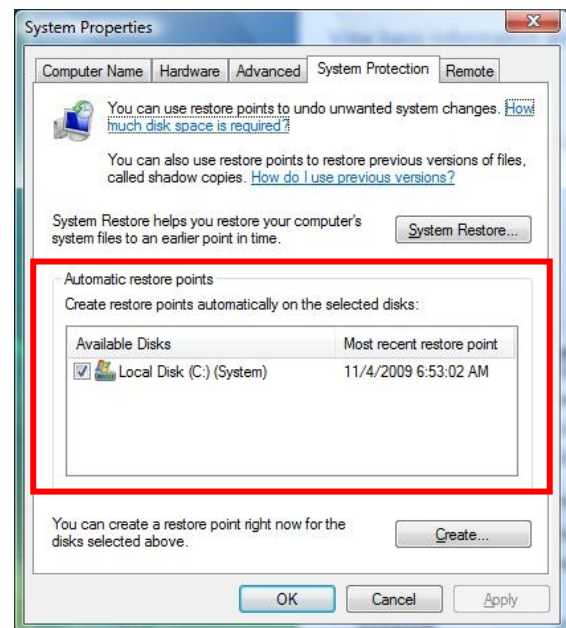
On the left menu bar, click **System protection**.

3.2 The following screen shows whether or not System Protection is **On** for your particular drive.

#### Microsoft Windows\* 7



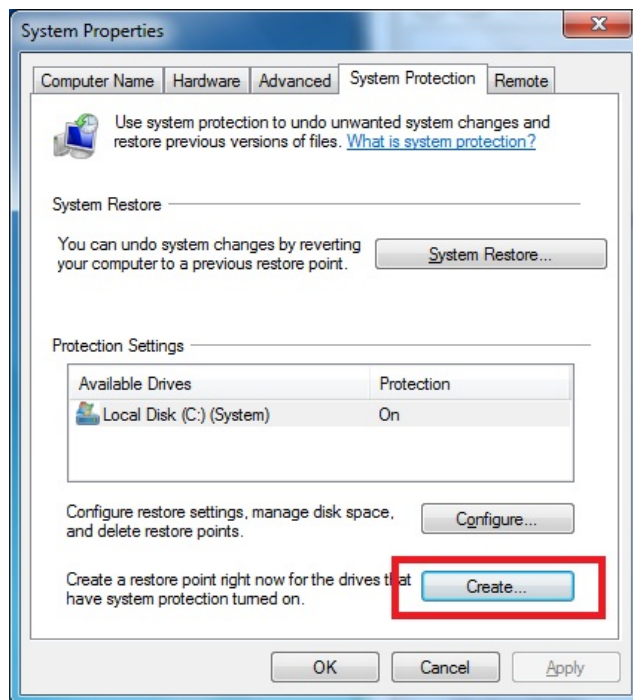
#### Microsoft Windows Vista\*



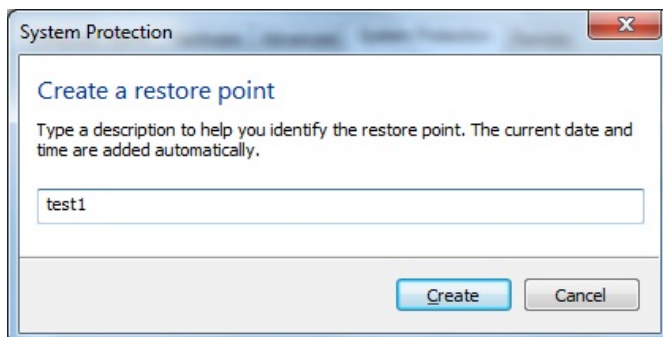
\*Other names and brands may be claimed as the property of others.



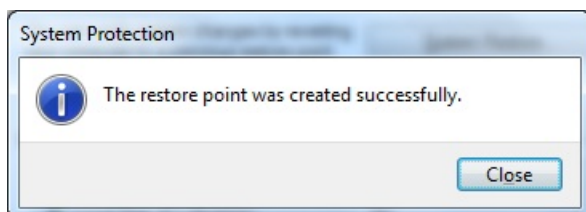
**3.3** Click the **Create** button.



**3.4** A new window asks you to provide a description of the restore point. Enter a description that is meaningful to you. In this example, we entered **test1**. Then click the **Create** button.



**3.5** Windows will create the restore point and will notify you whether it was created successfully.



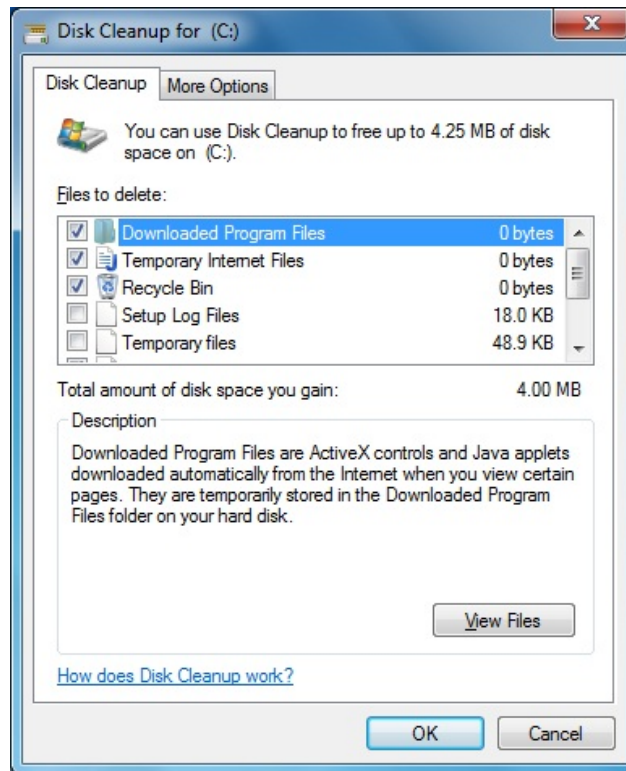


**3.6** You have successfully created a new restore point. Click **Close** to shut the **System Properties** window.

## 4.0 Remove Unusable System Protection Restore Points

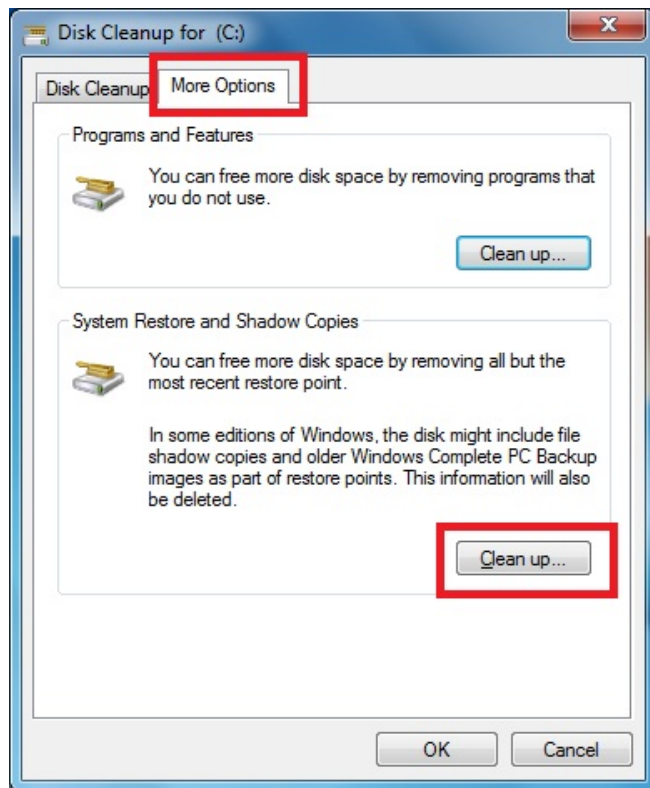
The next step is to remove all the previous unusable restore points which were rendered unusable by the Intel SSD Optimizer. This is done by using the operating system's Disk Cleanup utility.

**4.1** Click **Start** → **All Programs** → **Accessories** → **System Tools** → **Disk Cleanup** to display the following window:

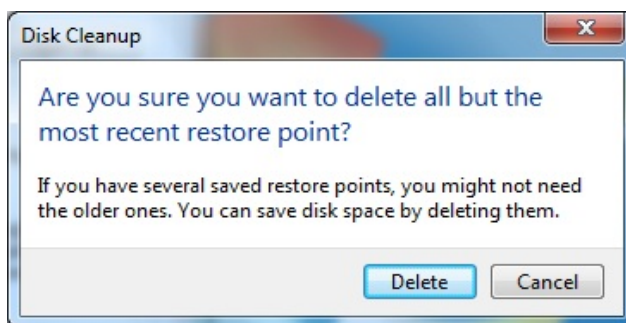




- 4.2 Click the **More Options** tab at the top to display the following window. Then, under the **System Restore and Shadow Copies** heading, click **Clean up**.



- 4.3 The application displays the following prompt that asks whether you want to delete all *but the most recent restore point* (which we created earlier). Click **Delete**.



- 4.4 Only the most recent restore point remains—all other restore points have been deleted. Click either **Cancel** or the **X** in the upper right corner to close the **Disk Cleanup** Window.



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