Application Note

Taking snapshots periodically for Time Lapse recording

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Revision History

Version	Issue date	Author	Comment
1.0	**2012/09/20**	**Richie Lee**	**First release**

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Introduction

This document describes how to periodically capture snapshot for Time Lapse recording.

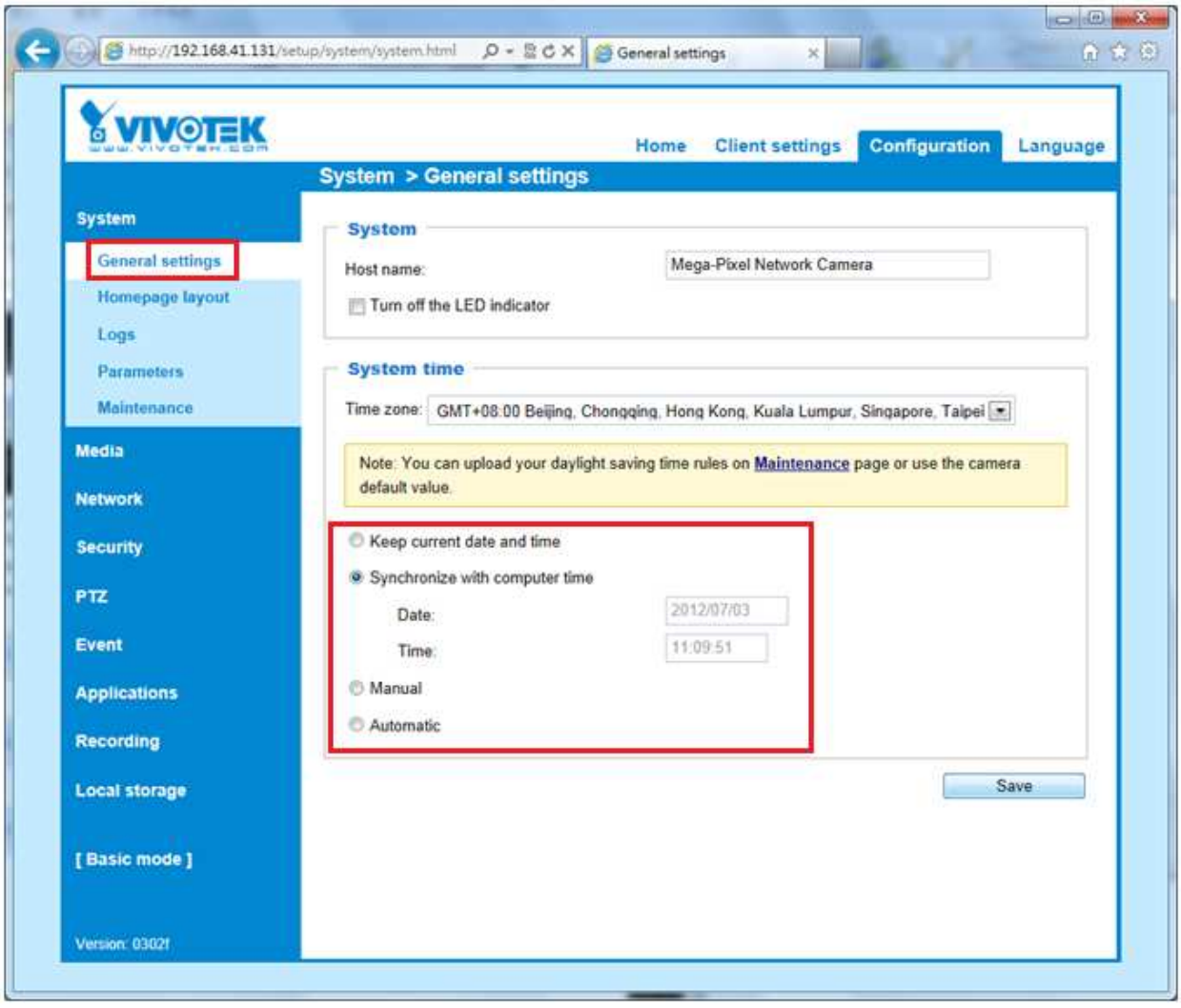
Note that these instructions apply to the IP8151 camera. The procedure and interface for other camera models will differ slightly.

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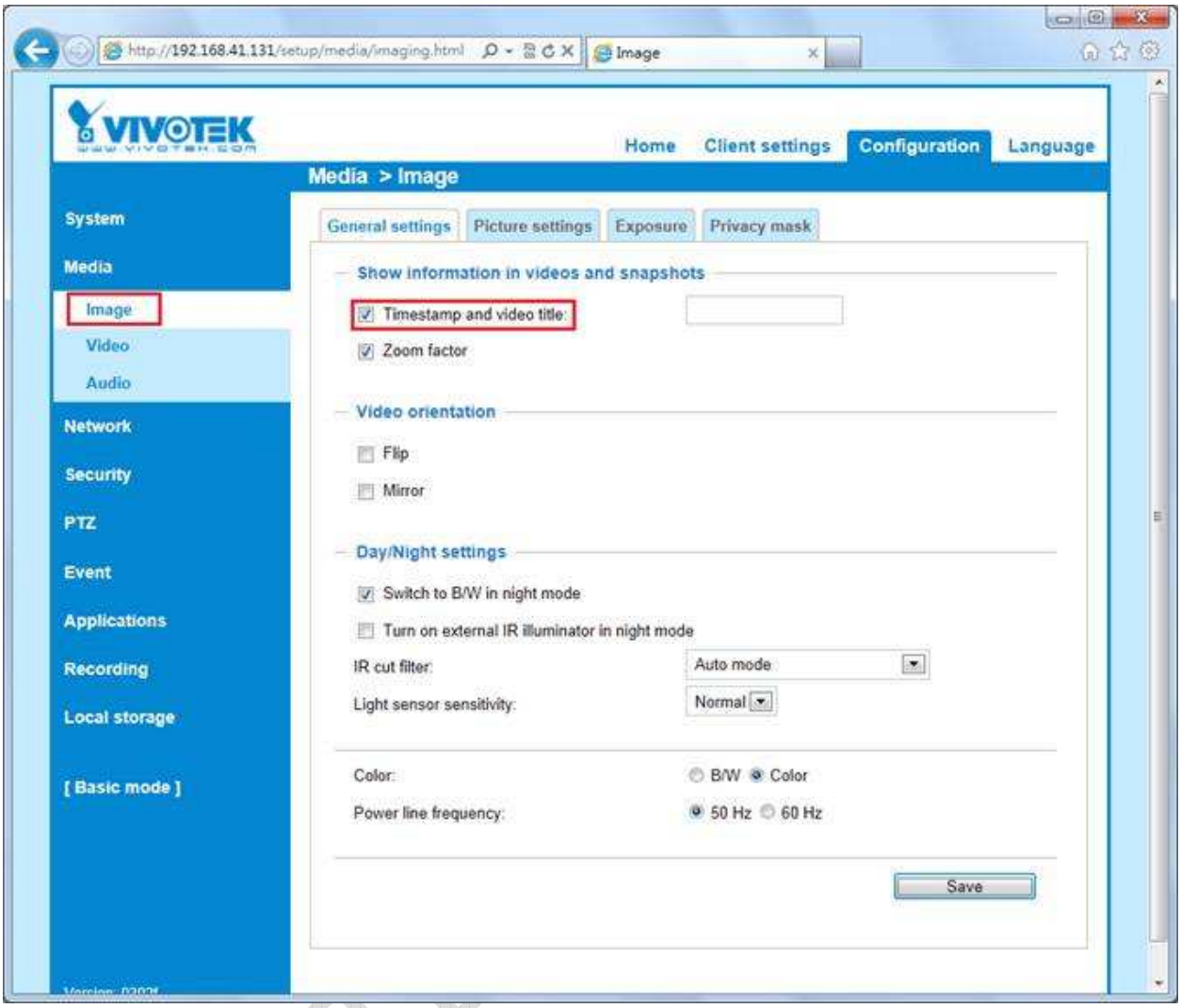
1. Configure the camera's settings.

1.1 Log in to the camera’s web interface.

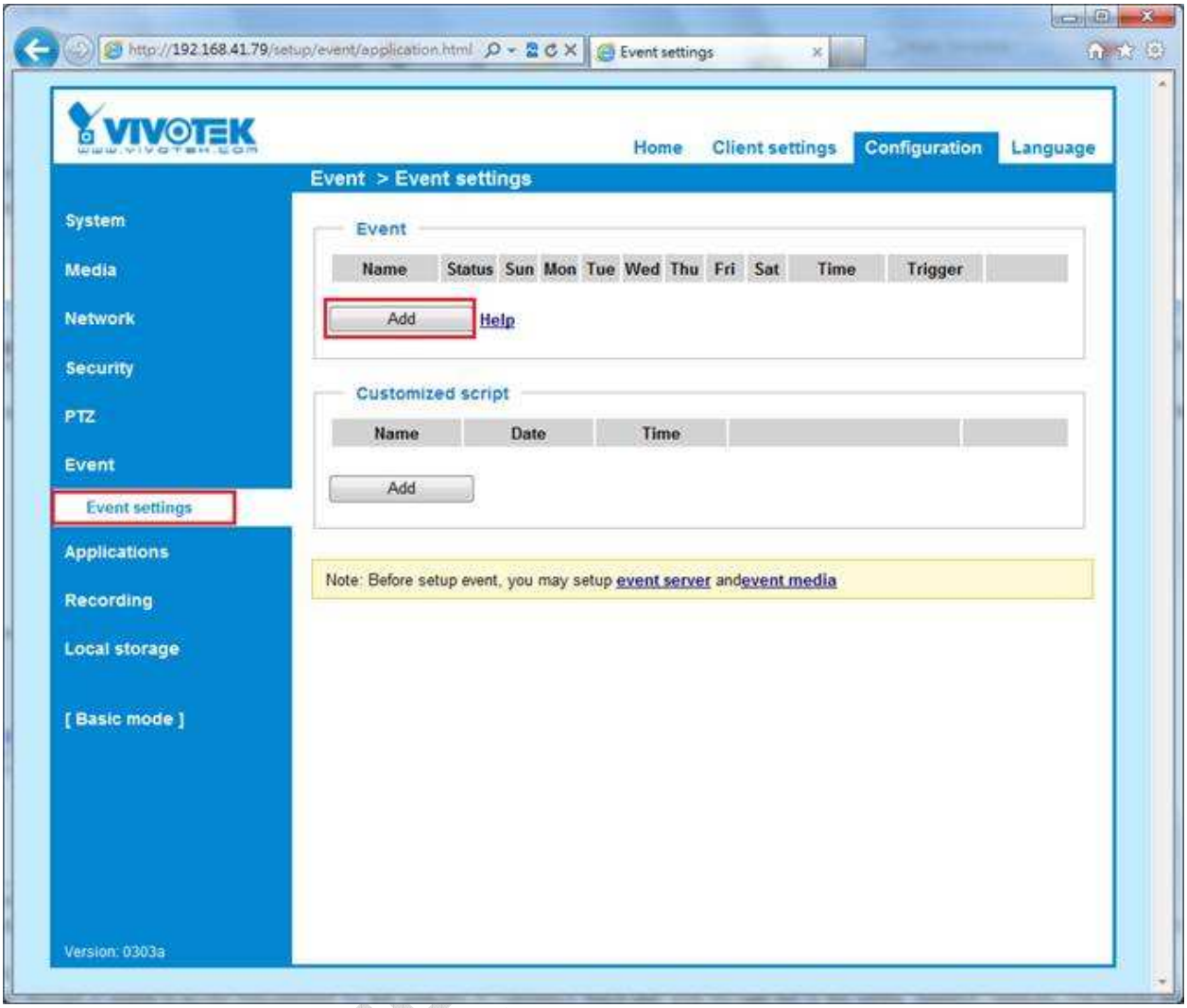
1.2 Synchronize the camera’s clock to either a computer or NTP server. Alternatively, you can manually adjust the time.



1.3 Enable the **Timestamp and video title** feature for the captured snapshot image if you need it.

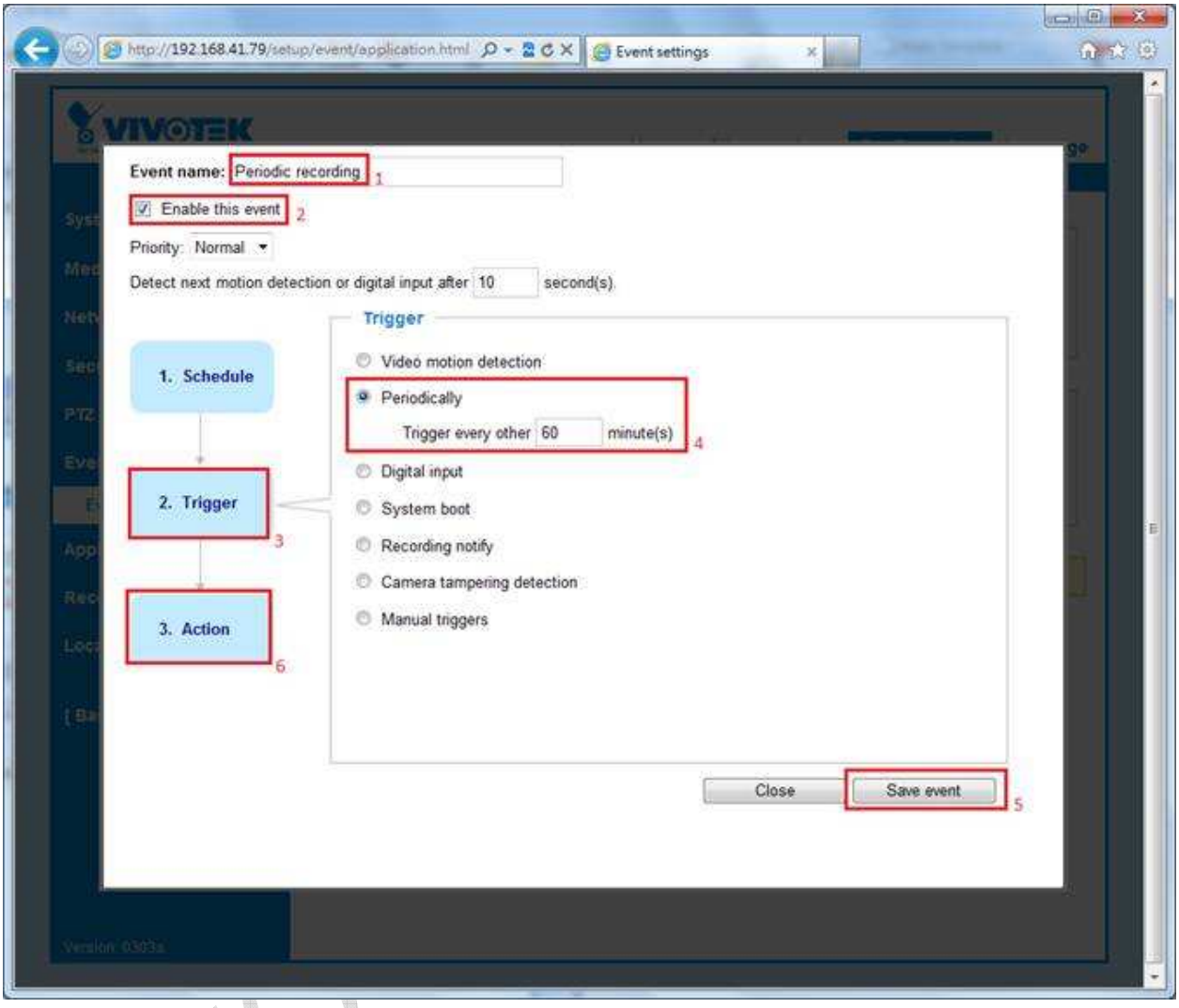


1.4 Add an event in the “Event settings" page.

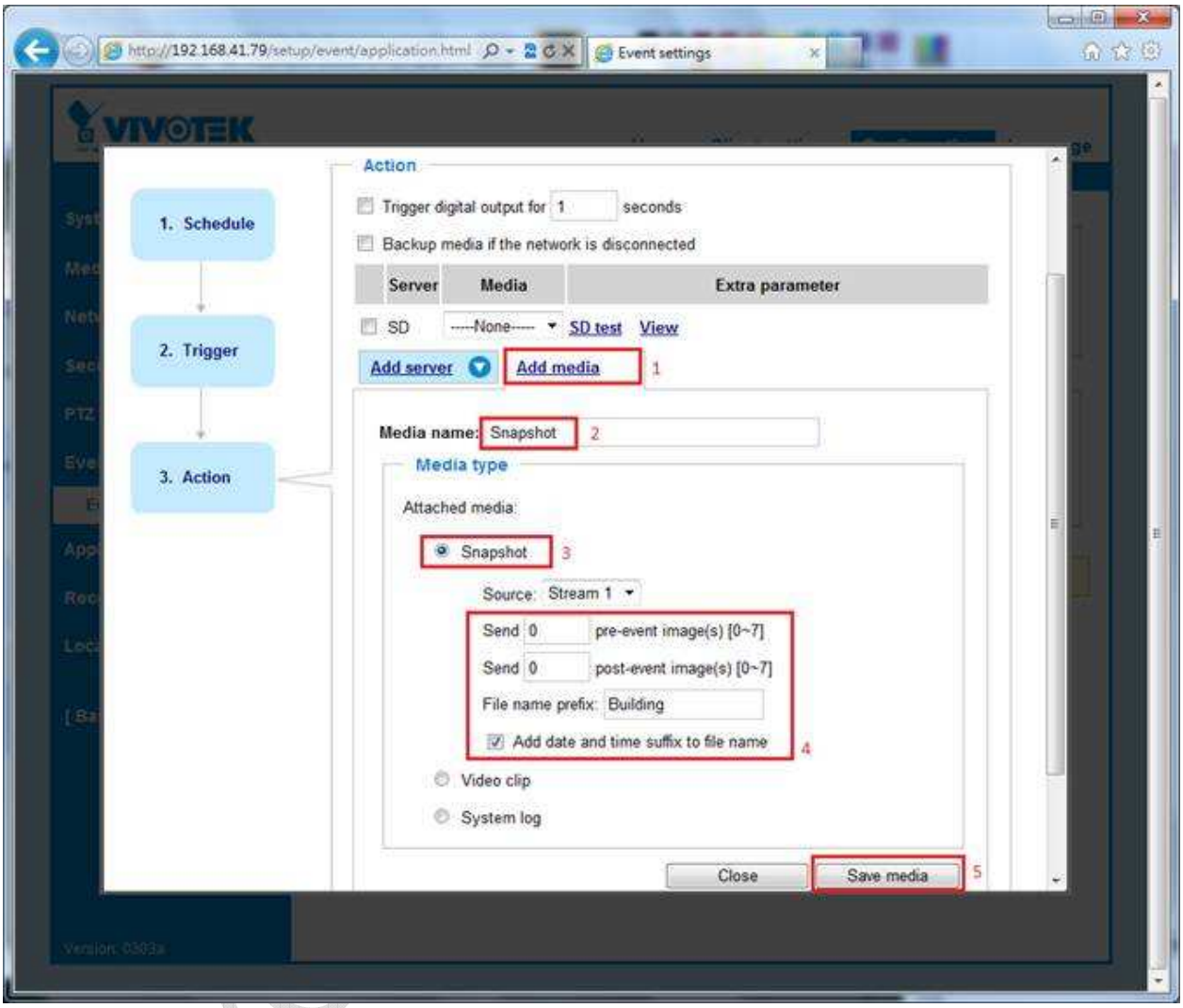


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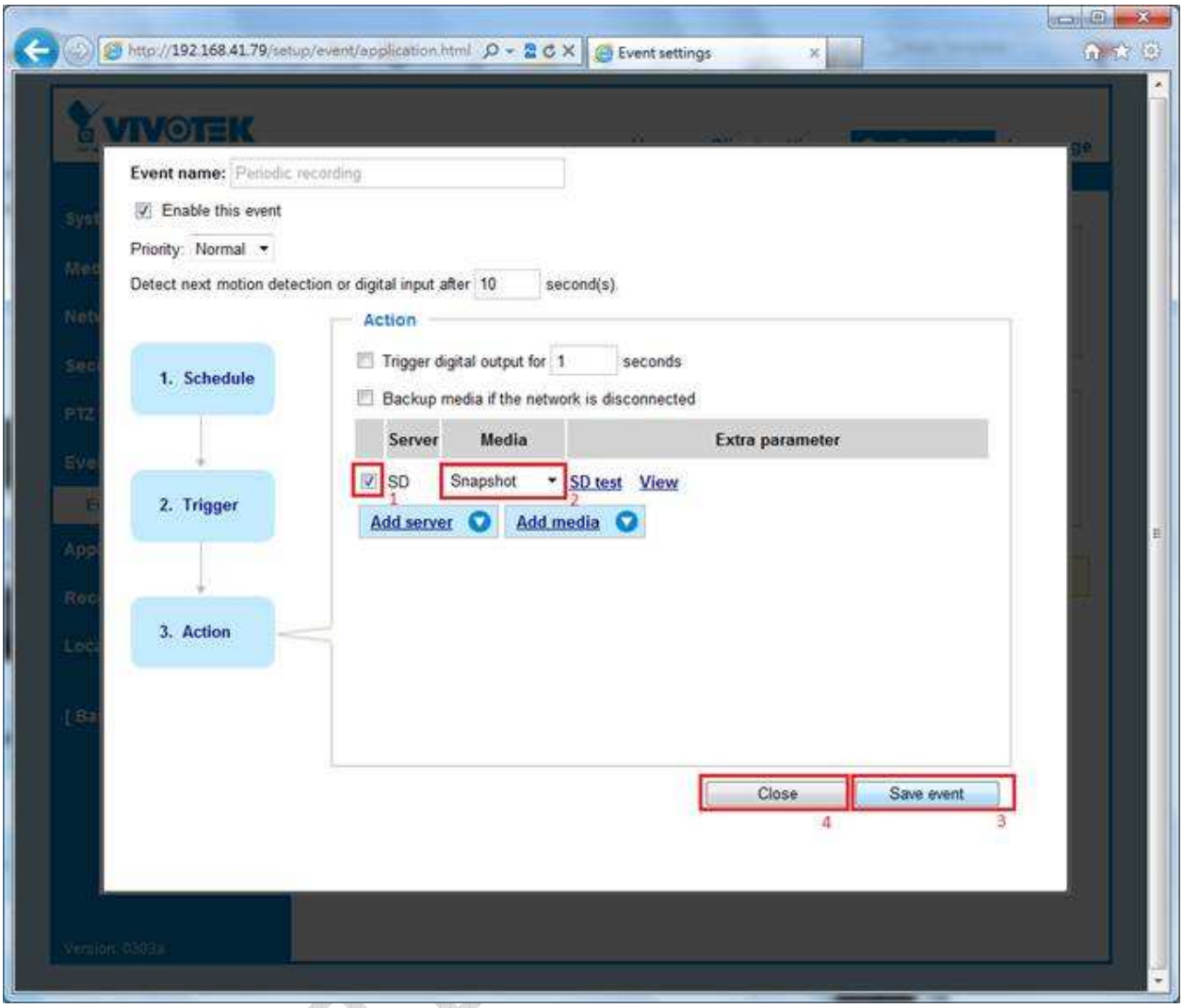
1.5 Follow the numbered steps illustrated in the figure below to set up periodic recording. Set the trigger time based on your particular needs. For example, if you need only six snapshots per day, you can set the trigger time to 240 minutes, in which case the camera will trigger the event and capture snapshot(s) every four hours.



1.6 Follow the numbered steps illustrated in the figure below to add attached media. The choice of “0 pre-event image(s)” and “0 post-event image(s)” means that the camera will capture only one snapshot when the event is triggered. Note that you can also append the date and time to the file name if you wish; otherwise, the previous snapshot will be overwritten.



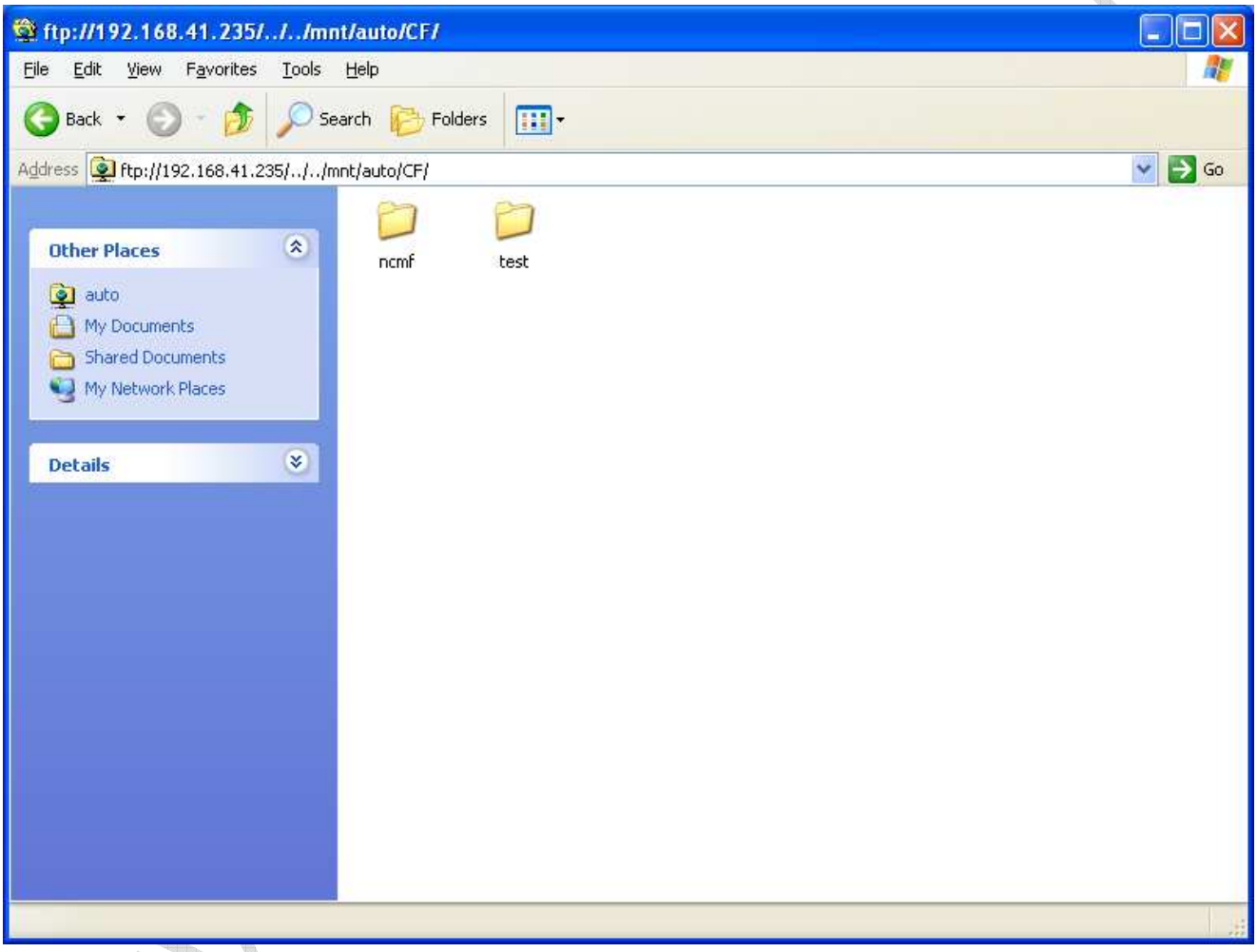
1.7 Follow the numbered steps illustrated in the figure below to save snapshots to an SD card. You can designate an FTP, SMTP, HTTP, or NAS server for saving snapshots as well.



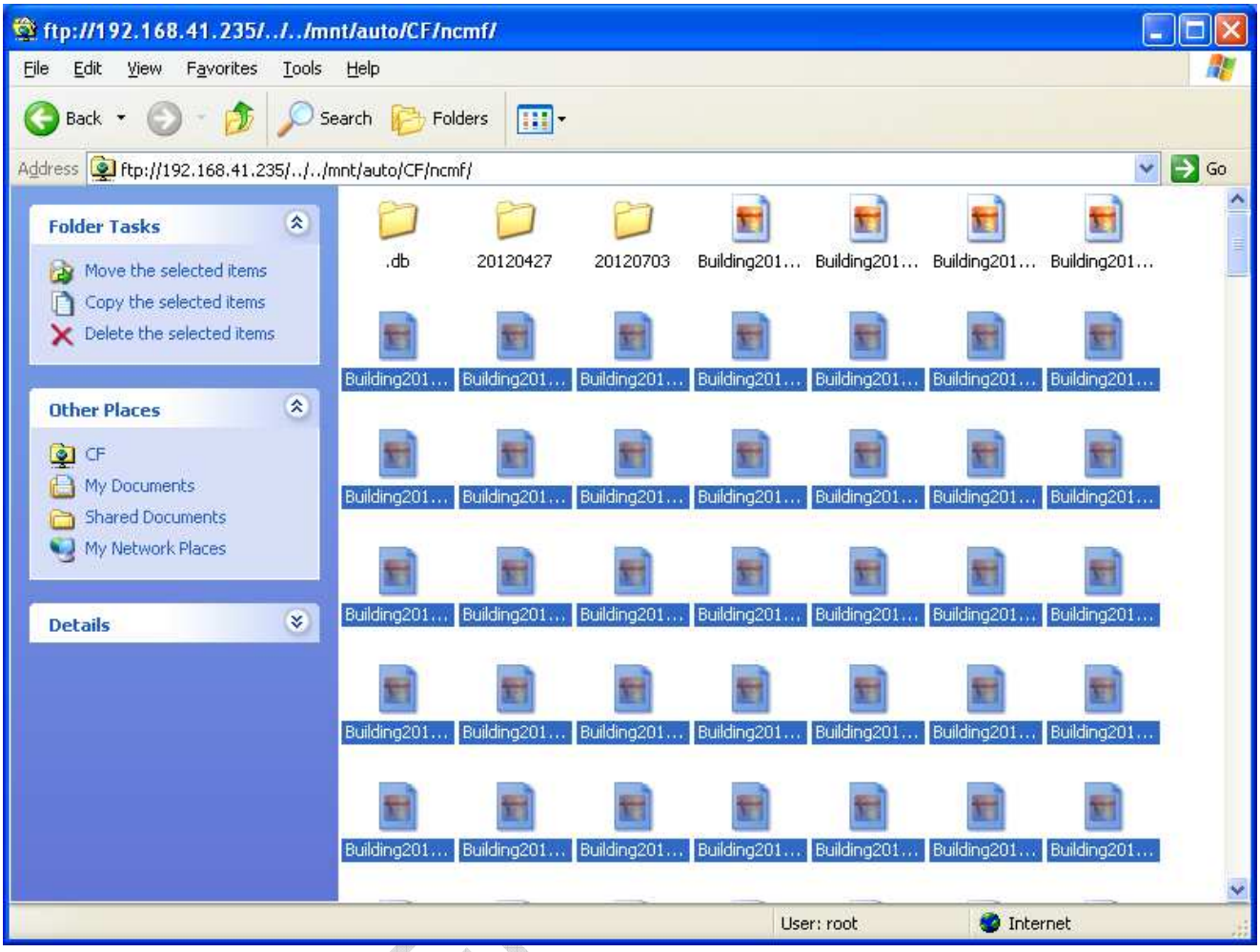
2. Access local storage over FTP.

2.1 Enter the following URL in the Address field in the Internet Explorer or other FTP-capable browser: **ftp://root:<The password of camera>@<IP address of your camera>/../../mnt/auto/CF**, substituting the required text indicated by the bracketed items—for example, ftp://root:password@192.168.41.235/../../mnt/auto/CF

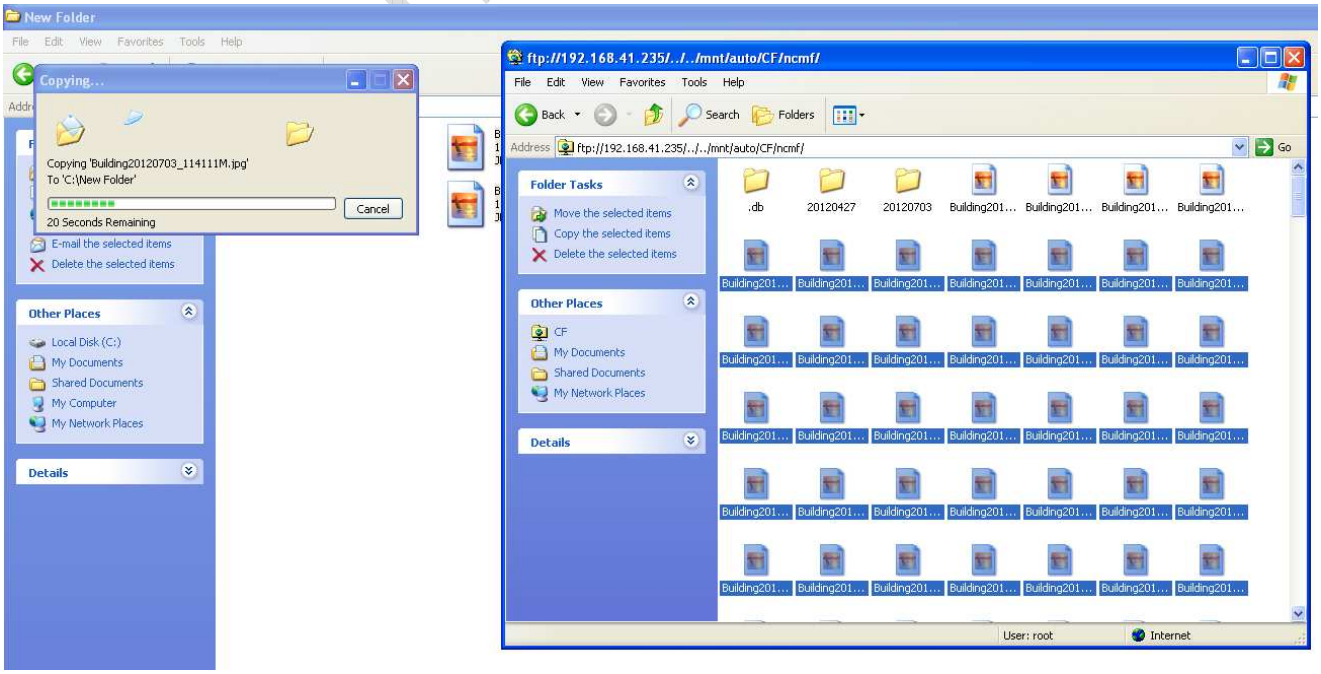
Note that for security reasons, only the root account can access the files via FTP.



2.2 You will see a folder called “ncmf”. Double-click to open it, and locate the file labeled with the recording date of the snapshot you wish to view.



2.3 Download - Select the desired files or folders, then use copy-and-paste to download them to your computer.



3. Convert JPEG files to video clip.

3.1 After downloading all snapshots, you can use third-party software to convert them into a video clip. An example for your reference is available via the link below:
ftp://fae:fae@ftp.vivotek.com/videoclip/TimeLapse.zip

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