Windows Scheduled Task for ImDisk RAM Drive

The ImDisk Virtual Disk Driver is used on the BlackStorm Server computer to create a 128MB RAM Disk that stores user interface images for fast access. A Windows scheduled task creates the RAM Disk each time you start up the BlackStorm Server computer.

Setup

The Windows Task Scheduler is used to define a scheduled task that creates a RAM Disk at system startup.

To define the scheduled ImDisk RAM Drive create task at system startup:

1. From the Windows Desktop, click Start.
2. In the Search programs and file box, type task.
3. In the Programs section of the search results, click Task Scheduler.

   The Task Scheduler window opens.

4. In the Task Scheduler (local) tree view on the left, expand the following folders:
   Task Scheduler Library > Microsoft
5. In the expanded Microsoft folder, select the Windows folder.
6. In the Actions tree view on the right, click Create Task...
7. The Create Task dialog box opens:

8. In the Name box, type ImDiskStart.
9. In the **Security Options** section, click **Change User or Group**.
   The **Select User or Group** dialog box opens.

![Select User or Group dialog box](image)

10. In the **Enter the object name to select** box, type **SYSTEM**.
11. Click **OK**.
   The **Select User or Group** dialog box closes, and the account used to run the task changes to **NT AUTHORITY\SYSTEM**.

12. In the **Create Task** dialog box, click the **Triggers** tab.
   The **Triggers** tab opens:

![Triggers tab](image)

13. Click **New**.
   The **New Triggers** dialog box opens:

![New Triggers dialog box](image)

14. Use the **Begin the task** list to select **At startup**.
15. In the **Advanced Settings** section, verify that the **Enabled** check box is selected.
16. Click OK.
   The New Trigger dialog box closes, and the defined trigger is added the Triggers tab.

17. In the Create Task dialog box, click the Actions tab.
   The Actions tab opens:

18. Click New.
   The New Action dialog box opens:

19. Use the Action list to select Start a program.

20. In the Program/script box of the Settings section, type the following command:

```
C:\Ross\BlackStorm\bin\imdisk-start.cmd
```
21. Click OK.
   The **New Action** dialog box closes, and the defined action is added the **Actions** tab.

22. In the **Create Task** dialog box, click the **Conditions** tab.
   The **Conditions** tab opens:
   
   ![Conditions Tab Image]

23. In the **Power** section, clear the following check boxes:
   - Stop if the computer switches to battery power
   - Start the task only if the computer is on AC power

24. In the **Create Task** dialog box, click the **Settings** tab.
   The **Settings** tab opens:
   
   ![Settings Tab Image]

25. Select the **Run task as soon as possible after a scheduled start is missed** check box.
26. Click OK. The Create Task dialog box closes, and the defined scheduled task is added the Task Scheduler window.

27. In the Task Scheduler window, use the File menu to select Exit. The Task Scheduler window closes.

28. Restart the BlackStorm Server computer to create the RAM Disk to store user interface images.

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- Technical Support: (+1) 613-652-4886
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