# Leginon - Feature #5132

## Pause collection on K2 pc's at midnight

08/05/2017 02:20 PM - William Rice

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>08/05/2017</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Anchi Cheng</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>Appion/Leginon 3.3</td>
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<td></td>
</tr>
<tr>
<td>Deliverable:</td>
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**Description**

Hi Anchi,

We had another DM crash/lockup at exactly midnight last night. I think the Gatan PC does some archiving of logs at midnight, and perhaps taking a picture at the exact wrong moment causes the lockup. This was discussed somewhat on the SerialEM list. You said you could add a feature to pause leginon around this time. Could we try it, maybe add it during the hackathon?

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**Associated revisions**

Revision 487af651 - 09/18/2017 12:07 PM - Anchi Cheng
refs #5132 clean up and test print

Revision 8a25b8b7 - 09/18/2017 12:43 PM - Anchi Cheng
refs #5132 mid night sleep debug

Revision b4c4b891 - 09/21/2017 11:25 AM - Anchi Cheng
refs #5132 move it to base class for testing. Also insert the camera once a while so that it does not expose the same during sleep

**History**

#1 - 09/18/2017 12:12 PM - Anchi Cheng
- Project changed from NYSBC SEMC User Group to Leginon
- Status changed from New to Assigned
- Assignee set to Anchi Cheng
- Target version set to Appion/Leginon 3.3

#2 - 01/31/2018 06:56 PM - Anchi Cheng
Usage:
1. Add these lines to dmsem.cfg

```
#Midnight Delay. Not activated if DELAY_LENGTH_MINUTES is 0
[timing]
DELAY_START_MINUTES_BEFORE_MIDNIGHT = 0
DELAY_LENGTH_MINUTES = 0
```

And change the start and length according to the need.

2. Restart DM and leginon client.

#3 - 01/31/2018 06:57 PM - Anchi Cheng
- Status changed from Assigned to Closed