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## How to Configure a Cronjob

<https://campus.barracuda.com/doc/71862120/>

Configuring a cronjob requires you to create an executable shell script on your firewall. Afterwards, you must schedule the script for execution.

### Before You Begin

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Create a script directory where to store the script in. Then, create a script that fulfills the task that the firewall must process periodically. Finally, store the script in the script directory.

### Step 1. Schedule the Script for Execution

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In this example, the script must be executed every day at 09:00.

1. Log into your firewall on box level.
2. Go to **Configuration > Box > Advanced Configuration > System Scheduler**.
3. In the left menu, click **Daily Schedule**.
4. Click **Lock**.
5. In the **Intraday Schedule** section, click **+**.
6. Enter the name for your intraday schedule, i.e., MyScript
7. Click **OK**. The Intraday Schedule window opens.
8. Enter a description for your schedule, i.e., MyScript at 09:00.
9. Click the green **+**.
10. Enter the full path name, including the name of the script.
11. From the **Hourly Schedule** list, select **list**.
12. For the **Hourly List**, enter the number for the hour, i.e., 9.
13. Click **OK**.
14. Click **Send Changes**.
15. Click **Activate**.

**Intraday Task**

Description	<input type="text" value="MyScript at 09:00"/>
Command	<div style="border: 1px solid #ccc; padding: 5px;"><input type="text" value="/usr/local/share/MyScript.sh"/></div>
Minute	<input type="text" value="0"/>
Hourly Schedule	<input type="text" value="list"/>
Hour List	<input type="text" value="9"/>
Run Every .. Hours	<input type="text" value="12"/>

## Step 2 (optional). Check the Result of the Cronjob

1. Go to **SSH** and log into your firewall as user 'root'.
2. Enter the Unix command in the shell: `cat /var/log/cat /phion0/logs/box_System_cron.log`

## Figures

1. cronjob\_daily.png

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