

Nagios XI - Cleaner Cron Architecture

Article Number: 71 | Rating: Unrated | Last Updated: Wed, Feb 17, 2016 at 10:40 PM

Cleaner Cron Overview

The cleaner cron job of Nagios XI is responsible for removing old configuration snapshots as well as responding to callbacks registered for `CALLBACK_SUBSYS_CLEANER`. These callbacks may be added to components for items that may need to be ran once per minute.

Architecture Components And Execution Flow

The general flow of execution of the Cleaner cron works as follows:

1. The `cleaner.php` script runs as a background process. The `cleaner.php` script is located at `/usr/local/nagiosxi/cron/cleaner.php` and runs under cron every one minute. The cron job is defined in `/etc/cron.d/nagiosxi`
2. The `cleaner.php` script removes old NagiosQL backup files
3. The `cleaner.php` script removes old configuration snapshot, keeping just the latest 10 successful and 10 errors
4. The `cleaner.php` script runs any callbacks targeting `CALLBACK_SUBSYS_CLEANER`

Troubleshooting Problems

Some potential problems with the Event Manager subsystem, as well as troubleshooting information are listed below:

Problem: Admin -> Configuration Snapshot list does not get truncated to 10 entries and continues to add new snapshots every time configuration is applied.

Potential Causes:

- There may be a problem with the cron job. Check the cron file `/etc/cron.d/nagiosxi` to ensure the job is not commented out.
- Check the `/usr/local/nagiosxi/var/cleaner.log` log file for errors
- The nagios user account is expired causing the cron to not run

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **swilkerson** - Sun, Feb 8, 2015 at 12:27 PM. This article has been viewed 1362 times.

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