

# GWME-7.2.1-13 Additional NoMa Logfile Rotation Patch

## Contents

### Description

This update is for all GroundWork customers running GroundWork Monitor 7.2.1 who want to ensure that all NoMa logfiles are properly rotated and are not subject to infinite growth.

### What is in this update?

This Technical Bulletin provides a documented and scripted method of applying the log-rotation recommendations in internal ticket GWMON-13520, which covers several NoMa logfiles that were previously overlooked.

### NoMa logfiles addressed

The following NoMa-generated logfiles have not historically been under `logrotate` control:

```
/usr/local/groundwork/noma/var/noma_daemon.log
/usr/local/groundwork/noma/var/noma_downtime.log
/usr/local/groundwork/noma/var/noma_notify.log
```

The `noma_downtime.log` logfile in particular has been seen to grow huge in production.

To repair, a new `/etc/logrotate.d/groundwork-noma-extras` config file for `logrotate` is supplied that handles these files. Other logfiles generated by operation of NoMa were already handled by existing configuration, and are not dealt with by this patch.

### Prerequisites

- You need to be running GroundWork Monitor Enterprise, any version between 7.1.0 and 7.2.1. Rollup patches do not include this fix.
- This technical bulletin does not depend upon prior technical bulletins
- There is no need to schedule a downtime to apply this technical bulletin, because installing or uninstalling it does not involve restarting parts of GroundWork Monitor.

### Installation Steps

Name	Size	Creator	Creation Date	Comment
 TB7.2.1-13-noma_log_rotation.tgz	4 kB	Glenn Herteg	Sep 10, 2020 07:47	MD5: bc4700633e908dc48e5c6197ba6f36da

1. As the `root` user, copy the attached tarball to an empty directory on the GW server already in place.
2. Unpack the tarball using the command:

```
tar xf TB7.2.1-13-noma_log_rotation.tgz
```

3. Change into the directory created by untarring:

```
cd TB7.2.1-13-noma_log_rotation
```

4. Run the installer script:

```
./TB7.2.1-13-noma_log_rotation_install.sh
```

The install script will test that you are on a GroundWork system running a version between 7.1.0 and 7.2.1 inclusive, that you have not already installed this patch, and that you want to go ahead.

5. Respond to the install-confirmation prompt when it appears.

6. A new file will be copied into place. Monitoring in general can continue while this patch is installed.

## Usage

Once this is installed, the additional NoMa logfiles will eventually be rotated once they exceed a reasonable size.

The administrator might wish to look at the files listed above, a day after this patch is installed. If the initial pass of log rotation caused some of those files to be rotated, and the old copies are huge and no longer needed, manual pruning of those rotated-out copies may be desired, to recover the space. Otherwise, the space will be recovered automatically over the log run, after a sufficient number of additional logfile rotations are triggered by continued growth of the logfiles.

No further administrator action is generally needed.

## Uninstalling

Reversal of this patch will remove the changes made to the GW server by removing the one added `logrotate` config file.

1. As the `root` user, navigate to the patch-unpack directory you created when installing the patch. (If that directory no longer exists, first unpack the patch again.)

```
cd TB7.2.1-13-noma_log_rotation
```

2. Run the uninstall command:

```
./TB7.2.1-13-noma_log_rotation_uninstall.sh
```