

7.1.1-TMNG Patch 2c20e0eaab Release Notes.

Overview

This patch provides binaries to utilize performance enhancements in the traffic monitor data store targeted for the 7.2 release of the API Server in a 7.1.1 installation of the product.

Installation

In order to apply the patch, node managers and api servers running from the installation should be stopped, the content of the platform binary directory (win32 or Linux.x86_64) should be backed up, and the content of the distributed patch extracted over the existing copies. Eg:

```
# tar vfc - Linux.x86_64 | gzip > backup.tgz
# gunzip -c ~/tmp/TMNG711-Linux.x86_64.tgz | tar fxv -
```

Functionality and Configuration

The new format of the ospdb.d data is incompatible with the existing 7.1.1 version - existing data will not be visible in traffic monitor. Also, the parameters used to control the size of the generated data differ from the 7.1.1 release, and the changes to the Policy Studio configuration schema and UI are not included in the patch. You can control the settings by setting an environment variable before launching the services.

OPDB_CONFIG has the format “<key>:<value>[,key:value...]*”

Keys are

- filesize
- filecount

The new data format uses a small number of files to store its information, and each file has a target size. The target size is not a hard limit, but once it is reached, no new transactions will be recorded in the file. The settings for filesize and filecount in OPDB_CONFIG control this target filesize, and the number of files that are maintained in the datastore. When more than filecount files are present, the oldest files will be deleted when creating new ones. The filesize is specified in **bytes**.

Eg:

```
export OPDB_CONFIG=filesize:268435456,filecount:64
```

Windows

```
set OPDB_CONFIG=filesize:268435456,filecount:64
```

This will target a opsdb.d directory with 64 datafiles, of about 256MB