Overview

Intelligent Operations Transit Analytics 1.6.1.0 | Software Interim Fix | APAR PO06389

This readme file provides information about installing this interim fix. This is a functional fix for the IBM® Transit Analytics VAP APAR release. This fix resolves issues with

- Streams operators crashing when inconsistent data that does not sync with the timetable and infrastructure data are loaded into the system.

- Streams log files getting too big and using up all available disk space.

- Db connections remaining open when they should be closed

This fix also includes
```
IBMIT-ITA-1.6.1.0-IFPO06388
IBMIT-ITA-1.6.1.0-IFPO05902
```

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Prerequisites

The Traffic Awareness component of IBM Intelligent Operations for Transportation 1.6.1.0 must be installed, with all the services running. You can confirm this by entering the following commands on the analytics node:

```
su – ibmadmin
cd /opt/IBM/ISP/mgmt/scripts
./IOCControl -a status -c all -p <iocTopologyPassword>
```

This `fix also needs APAR  IBMIT-ITA-1.6.1.0-IFPO05086 installed.`

Installation

Download the archive file `IBMIT-ITA-1.6.1.0-IFPO06389.zip`.

As the root user, transfer the file `IBMIT-ITA-1.6.1.0-IFPO06389.zip` to the `/tmp` directory on the jumpbox.

1. Stop Streams

   a) Access the Streams node through SSH.

   b) Log on as `streamsadmin`.

   c) Go to the Streams directory by entering the command:
```
cd /opt/IBM/iss/intelligentTransportation/intelligentTransitAnalytics
```

   d) Stop Streams by entering the command:
```
sh stopper.sh -i trans_vap
```

   e) Stop the Streams instance by entering the command:
```
streamtool stopinstance -i trans_vap
```

   f) Confirm that Streams has stopped by entering the command:
```
streamtool lspes -i trans_vap
```
   (all operators should be stopped).

2. Back up the `vap_util.jar` file from directory
   `/opt/IBM/iss/intelligentTransportation/intelligentTransitAnalytics`
   `/vap/vap_util/impl/lib`

3. From the `jumpbox` node use `scp` to transfer the archive file
   `IBMIT-IOT-1.6.1.0-IFPO06389.zip`
   to the directory
   `/opt/IBM/iss/intelligentTransportation/intelligentTransitAnalytics`
   `/vap/vap_util/impl/lib`
   on the Streams node

4. Extract the contents of the file
   `IBMIT-ITA-1.6.1.0-IFPO06389.zip`
   to the current directory.

5. Change the permissions of the extracted file by entering the command:
   `chmod 777 vap_util.jar`

6. Start Streams from directory
   `/opt/IBM/iss/intelligentTransportation/intelligentTransitAnalytics`
   by entering the commands:

   a) `streamtool startinstance -i trans_vap`

   b) `sh launcher.sh -i trans_vap`

   Check that all operators are running by entering the command:
   `streamtool lspes -i trans_vap`