

Traffic recording, TR

INTERWORKING DESCRIPTION



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GENERAL

Output of traffic data consists of the storage of blocks of collected traffic data in files located in the local/network file system. Stored data can later be retrieved for printing or post-processing purposes.

2 INTERFACE IN

2.1 GENERAL

2.2 LOGICAL INTERFACE

2.2.1 DUMPING PROCESS

Collection of traffic recording data is done every 15 minutes (quarter hour sample) and stored in a temporary memory. The collected data are dumped when the temporary memory is almost full (only space to store data for 250 measurements) or within 15 minutes past midnight. That is, the traffic recording data are dumped at least once daily for storage and/or post processing.

The data dump process creates a new file in a specific place in the local/network file system of the MX-ONE Service Node. This specific place is selected by the user via the I/O command.

The dump process will fail if the file system has no space left or if the quota for the user running the MX-ONE Service Node is exhausted.

For this case, some TR data dump files must be removed to make room for the new traffic recording dumps.

The TR data dump files are named by dump number and date with the following format:

Dnyddd

D	= Character denoting traffic recording data dump
n	= Data dump number (ranges from 0 to 3)
y	= Last digit of the year the data dump is stored
ddd	= Day of the year the data dump is stored

For example D14194 is the name of a TR data dump file stored July 13, 2004. This data dump is the second data dump in that day.

Traffic data stored in the file system can be read by I/O command.

3 INTERFACE OUT

The interface out from an external device depends on the type of equipment used. Refer to the equipment documents.