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3 Raw fullflow compression

Introduction

SSG sends session information to IPFIX in chunks. In this case, information on each session can be divided into parts and stored in the database in the form of several lines of records. This creates an excessive storage load, especially in cases where long-term storage of the raw log is required.

The raw log compression function allows you to reduce the amount of raw log storage by gluing session parts into one record in the database. The function runs in a background process.

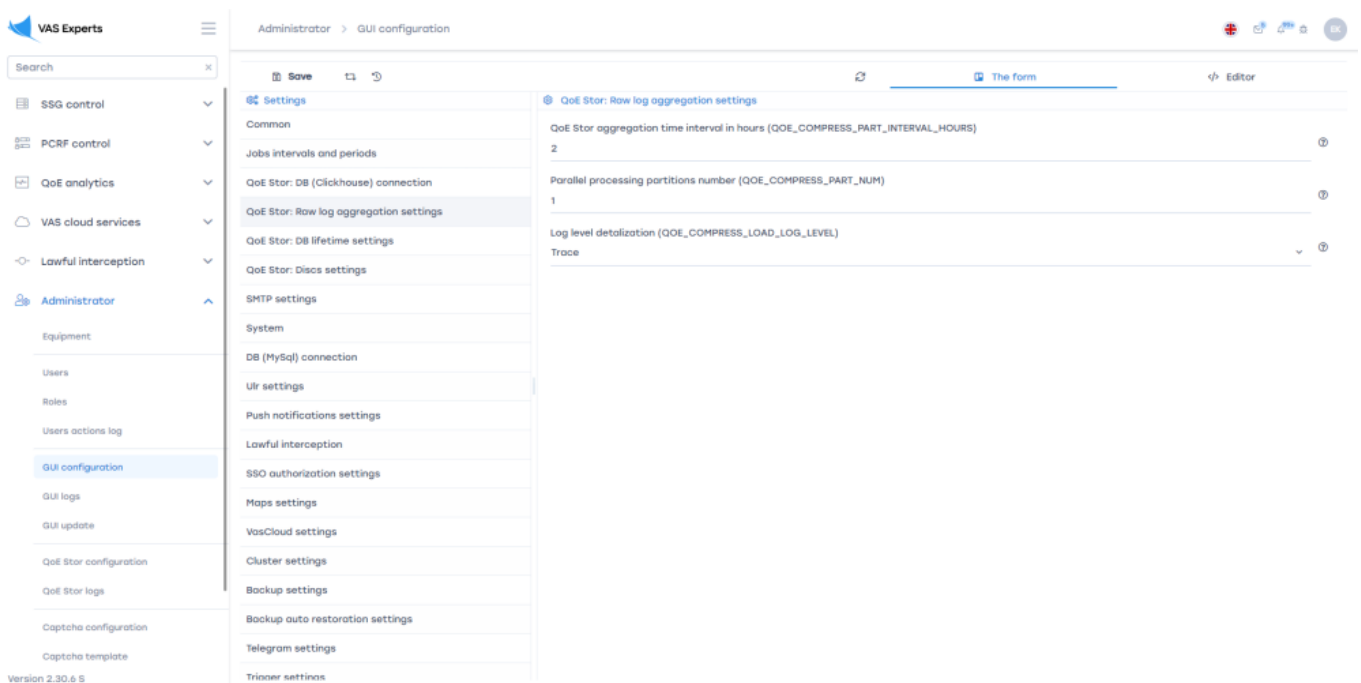
Configuration settings

Step 1. Go to Administrator → GUI Configuration → QoE Stor: Raw Log aggregation settings.

Set the values for all three parameters.



It is recommended to set the "QoE Stor aggregation time interval in hours" setting to more than 2 hours.



Step 2. Go to Administrator → Configuration QoE Stor → Fullflow log settings.

Set the "Enable FULLFLOW log background compressing" setting to "Enabled".

Administrator > QoE Stor configuration

QoE Stor nodes < Configuration

QoE in VAS Cloud

Save Settings

Receivers

Filtration

Common

UIR settings

FULLFLOW log settings

CLICKSTREAM log settings

NAT log settings

ONLINEFLOW log settings

OpenCellID settings

GTP settings

UPLINK LOAD RATE settings

Kaspersky list of infected hosts

FULLFLOW log settings

Fields to save when aggregating FULLFLOW log (FULLFLOW_AGG_LOG_FIELDS_TO_SAVE_BITMASK)

Time interval for aggregating FULLFLOW logs (FULLFLOW_AGG_LOG_GROUP_TIME_INTERVAL)

1 minute

Enable FULLFLOW log background compressing (FULLFLOW_COMPRESS_ENABLE)

Enabled

Version 2.30.4.5

Fullflow Raw Log Compression Logs

Go to QoE analytics → Administrator → Tablespace info → Aggregation raw logs fullflow info.

The opened section displays information about completed tasks for compression of raw fullflow log. It is possible to set the time period for which the data will be displayed and delete tasks.

QoE analytics > Administrator

Period: 07/11/2018 10:11 - 07/11/2023 10:11

Set a time period

Delete selected log

Delete all logs

Aggregation raw logs fullflow info

Source table	Action	Target table	Partition name	Node	Status	Attempts	Data	Create time	Update time
fullflow_compre	Wait Drop Parti		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Drop Partition		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Wait Drop Parti		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Wait Move		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Move To	fullflow	2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Drop Partition		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Wait Move		2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Move To	fullflow_compre	2023-06-08 13:0	192.168.1.185	Success	1		06/08/2023 15:0	06/08/2023 15:0
fullflow_compre	Wait Drop Parti		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Drop Partition		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Wait Move		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Wait Drop Parti		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Move To	fullflow	2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Drop Partition		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Wait Move		2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Move To	fullflow_compre	2023-06-08 12:0	192.168.1.185	Success	1		06/08/2023 14:0	06/08/2023 14:0
fullflow_compre	Wait Drop Parti		2023-06-08 11:0	192.168.1.185	Success	1		06/08/2023 13:0	06/08/2023 13:0

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Export

Version 2.30.4.5