Table of Contents

Raw fullflow compression	3
Introduction	3
Configuration settings	3
Fullflow Raw Log Compression Logs	4

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 \rightarrow GUI Configuration \rightarrow 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.

VAS Experts	=	Administrator > GUI configuration				⊕ c [‡] ⊄"≎ (
Search	×	12 Save 🖽 🕑		3	The form	Editor
SSG control	~	©\$ Settings	QoE Stor: Raw log aggregation settings			
		Common	QoE Stor aggregation time interval in hours (QOE_	COMPRESS_PART_INTER	/AL_HOURS)	œ
PCRF control	~	Jobs intervals and periods	2			C.
QoE analytics	~	QoE Stor: DB (Clickhouse) connection	Parallel processing partitions number (QOE_COMP	RESS_PART_NUM)		d
VAS cloud services	~	QoE Stor: Raw log aggregation settings	1			
		QoE Stor: DB lifetime settings	Log level detalization (QOE_COMPRESS_LOAD_LOG Trace	_LEVEL)		_ G
 Lawful interception 	~	QoE Stor: Discs settings	note			
Administrator	~	SMTP settings				
Equipment		System				
and a short of the state of the		DB (MySql) connection				
Users		Ulr settings				
Roles		Push notifications settings				
Users actions log		Lawful interception				
GUI configuration		SSO authorization settings				
GUI logs		Maps settings				
GUI update		VasCloud settings				
QoE Stor configuration		Cluster settings				
QoE Stor logs		Backup settings				
		Backup auto restoration settings				
Capteha configuration		Telegram settings				
Captoha template		Trigger settings				

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

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

	VAS Experts	≡	Administrator > QoE Sto	r configuration		€ ₫ Ø	â	© © ©
Sec	irch	×	QoE Stor nodes	Configuration				>
			QoE in VAS Cloud	Bisave ta @ "D	C 🛛 The form	♦ Editor		
	VAS cloud services	~		St Settings	FULLFLOW log settings			
-0-	Lawful interception	~		Receivers	Fields to save when aggregating FULLFLOW log (FULLFLOW_AGG_LOG_FIELDS_TO_SAVE_BITMASK)			
20	Administrator	~		Filtration			~ (Ð
	Administrator			Common	Time interval for aggregating FULLFLOW logs (FULLFLOW_AGG_LOG_GROUP_TIME_INTERVAL)			
	Equipment			Ulr settings	1 minute		~ '	D
	Users			FULLFLOW log settings	Enable FULLFLOW log background compressing (FULLFLOW_COMPRESS_ENABLE) Enabled		, (э
	Roles			CLICKSTREAM log settings	Endoled		_	
	Users actions log			NAT log settings				
	GUI configuration			ONLINEFLOW log settings				
	GUI logs			OpenCellID settings				
	GUI update			GTP settings				
	QoE Stor configuration			UPLINK LOAD RATE settings				
				Kaspersky list of infected hosts				
	QoE Stor logs							
	Captcha configuration							
	Captcha template							
	Captcha logs							
>_	Hardware SSH terminal	~						
Versi	on 2.30.4 S							

Fullflow Raw Log Compression Logs

Go to QoE analytics \rightarrow Administrator \rightarrow Tablesapce info \rightarrow 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.

rch	×				∕ ^{Se}	et a time	period			Delete	selected log	~	Delete all logs
Netflow		Period 07/11/2	018 10:11 - 07/11/20	23 10:11	×		•					A a	i Reports
Row full netflow		B Aggregation ray											Queries processes list
Clickstream		Source table	Action		Partition name	Node	Status	Status	Attempts	Data	Create time	Update time 👻	E E Tablespace info
	0				Q. Filter	Q. Filter		Q Filter	Q. Filter	Q, Filter			Tablespace info
Row clickstream	_	fullflow_compr	e Wait Drop Parti		2023-06-08 13:0		Success		1		06/08/2023 15:0	06/08/2023 15:0	Partitions info
GTP flow		fullflow_compr			2023-06-08 13:0		Success		1			06/08/2023 15:0	Coches info
Row GTP flow		fullflow_compr			2023-06-08 13:0		Success		1			06/08/2023 15:0	Aggregation raw logs fullflow infe
NAT flow		fulflow_compr			2023-06-08 13:0		Success		1			06/08/2023 15:0	🕀 🗅 Dictionaries info
Row NAT flow									1			06/08/2023 15:0	
		fullflow_compr			2023-06-08 13:0		Success					_	
Subscribers		fullflow_compr			2023-06-08 13:0		Success		1			06/08/2023 15:0	
Online reports		fullflow_compr			2023-06-08 13:0		Success		1			06/08/2023 15:0	
Triggers & Alerts	0	fullflow_compr	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	
Custom reports	0	fullflow_compr	• Wait Drop Parti		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0	
Administrator	0	fullflow_compr	• Drop Partition		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0 📋	
VAS cloud services	v (fullflow_compr	w Wait Move		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0 📋	
	0	fullflow_compr	🗧 Wait Drop Parti		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0 📋	
Lawful interception	× .	fullflow_compr	Move To	fullflow	2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0	
Clossifier	~ 0	fullflow_compr	e Drop Partition		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0	
		fullflow_compr	Wait Move		2023-06-08 12:0	192.168.1.185	Success		1		06/08/2023 14:0	06/08/2023 14:0	
Administrator	× .	fullflow_compr	e 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	
Hardware SSH terminal	× 7	fullflow_compr	wait Drop Parti		2023-06-08 11:0	192.168.1.185	Success		1		06/08/2023 13:0	06/08/2023 13:0	