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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.

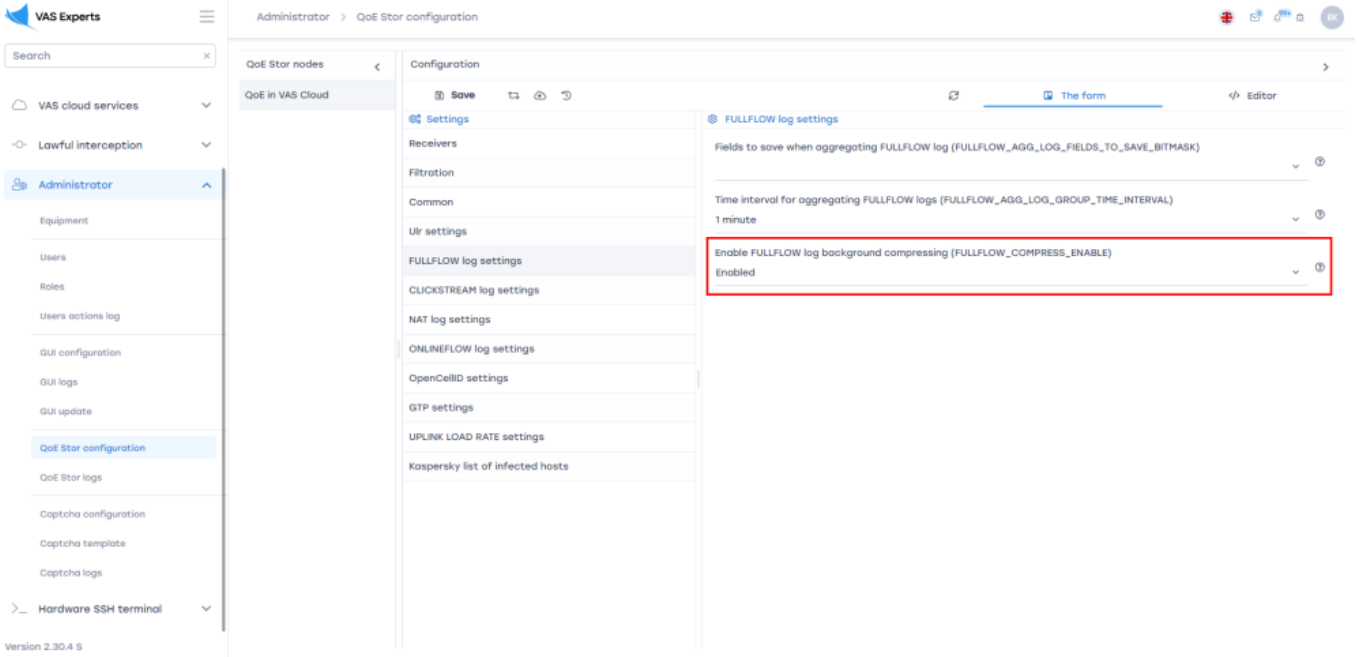


It is recommended to set the "QoE Stor aggregation time interval in hours" setting to more than 2 hours.

The screenshot shows the VAS Experts interface. On the left is a navigation menu with categories like SSG control, PCRf control, QoE analytics, VAS cloud services, Lawful interception, and Administrator. The 'Administrator' section is expanded, showing 'GUI configuration' as the selected item. The main content area displays the 'QoE Stor: Raw log aggregation settings' configuration page. The page has a breadcrumb trail: Administrator > GUI configuration. At the top right of the configuration area are icons for Save, Refresh, and Editor. The configuration is organized into sections: Common, Jobs intervals and periods, QoE Stor: DB (Clickhouse) connection, QoE Stor: Raw log aggregation settings (which is highlighted), QoE Stor: DB lifetime settings, QoE Stor: Discs settings, SMTP settings, System, DB (MySQL) connection, Ulr settings, Push notifications settings, Lawful interception, SSO authorization settings, Maps settings, VASCloud settings, Cluster settings, Backup settings, Backup auto restoration settings, Telegram settings, and Trainers settings. The 'QoE Stor: Raw log aggregation settings' section contains three parameters: 'QoE Stor aggregation time interval in hours (QOE_COMPRESS_PART_INTERVAL_HOURS)' with a value of 2, 'Parallel processing partitions number (QOE_COMPRESS_PART_NUM)' with a value of 1, and 'Log level detalization (QOE_COMPRESS_LOAD_LOG_LEVEL)' with a value of Trace.

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

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



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.

