

Sampling Settings

Defining a sample ratio enables you to multiply metric values and get a more realistic graphical display of traffic. Regarding permissions, NetFlow users can see exporter sampling rules, while NetFlow administrators can manage them (add, edit or delete).



sFlow packet sampling

sFlow traffic export includes packet sampling. Packet sampling employs randomness in the sampling process. On average, 1 in every N packets is captured and analyzed.

In the case of the sFlow traffic, Sampling ratio settings will override the real sampling ratio (packet sampling) provided by sFlow in the received packet, and the metric values will be multiplied with the value defined in Settings. When sampling ratio is not specified for sFlow traffic in Settings, metric values will be automatically multiplied with provided sampling ratio. In the other words, it is not mandatory to set this property to sFlow exporters to see realistic traffic in the graphs.

Configuring rules

To configure sampling rules, go to [blocked URL](#) > **Settings** > **NetFlow Settings** > **Sampling** tab.

Patterns	Subsets	Subset sets	End times	Inputs	Alarms	Reports	Aggregator filtering	Sampling	Configuration
⊞ All									
Experiments				Bytes ratio		Packets ratio		Flows ratio	Actions
Exptm_1 [0:0] [1:0:0:0]			20		20		20		
Exptm_2 [0:0] [1:0:0:0]			20		20		20		
Exptm_3 [0:0] [0:0:0:0]			20		20		20		
Exptm_4 [0:0] [0:0:0:0]			20		20		20		
Exptm_5 [0:0] [0:0:0:0]			20		20		20		
Exptm_6 [0:0] [0:0:0:0]			20		20		20		

To add an exporter sampling rule:

1. Click **Add**
2. Click **Select** and you will see all exporters grouped by their **tags**
3. Hold **Ctrl** key and **select multiple exporters** at once, or click on tag to select all exporters with the same tag
4. Enter sample ratios (Bytes, Packets and Flows)

Click **Save**

Patterns Subsets Subset lists End users Tightly Aligned Reports Aggregator libraries Sampling Configuration

Adding new sampling rule

Expression:

Rule sample ratio:

Pattern sample ratio:

Flow sample ratio:

☒ New ☐ Existing