

# Measurement Group (GQoSM)

*Scopemon is configured via parameters. This reference lists all available parameters, default values, allowed values, and examples for GQoSM configuration.*

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## 1. qoe\_gqosm\_cbl\_form

The form factor for connection break length.

- Precision: `float`
- Minimum: `0.0`
- Maximum: `1.0`
- Default: `0.3`



Ignored if `use_qoe_gqosm_cbl` is false

### Example

```
[Measurement]
use_qoe_gqosm_cbl=true
qoe_gqosm_cbl_form=0.4
```

## 2. qoe\_gqosm\_cbl\_threshold

Bad performance limit for connection break length.

- Unit: `packets`
- Precision: `integer`
- Minimum: `0`
- Default: `5`



Ignored if `use_qoe_gqosm_cbl` is false

### Example

```
[Measurement]
use_qoe_gqosm_cbl=true
qoe_gqosm_cbl_threshold=2
```

## 3. qoe\_gqosm\_delay\_form

The form factor for the delay.

- Precision: `float`
- Minimum: `0.0`
- Maximum: `1.0`
- Default: `0.3`



Ignored if `use_qoe_gqosm_delay` is false

### Example

```
[Measurement]
use_qoe_gqosm_delay=true
qoe_gqosm_delay_form=0.4
```

## 4. qoe\_gqosm\_delay\_threshold

Bad performance limit for the delay.

- Unit: `seconds`
- Precision: `float`
- Minimum: `0.0`
- Default: `0.3`

 Ignored if `use_qoe_gqosm_delay` is false

### Example

```
[Measurement]
use_qoe_gqosm_delay=true
qoe_gqosm_delay_threshold=0.5
```

## 5. qoe\_gqosm\_jitter\_form

The form factor for jitter.

- Precision: `float`
- Minimum: `0.0`
- Maximum: `1.0`
- Default: `0.3`

 Ignored if `use_qoe_gqosm_jitter` is false

### Example

```
[Measurement]
use_qoe_gqosm_jitter=true
qoe_gqosm_jitter_form=0.1
```

## 6. qoe\_gqosm\_jitter\_threshold

Bad performance limit for jitter.

- Unit: `seconds`
- Precision: `float`
- Minimum: `0.0`
- Default: `0.1`

 Ignored if use\_qoe\_gqosm\_jitter is false


### Example

```
[Measurement]
use_qoe_gqosm_jitter=true
qoe_gqosm_jitter_threshold=0.07
```

## 7. qoe\_gqosm\_packet\_loss\_form

The form factor for packet loss.

- Precision: `float`
- Minimum: `0.0`
- Maximum: `1.0`
- Default: `0.3`

 Ignored if use\_qoe\_gqosm\_packet\_loss is false


### Example

```
[Measurement]
use_qoe_gqosm_packet_loss=true
qoe_gqosm_packet_loss_form=0.4
```

## 8. qoe\_gqosm\_packet\_loss\_threshold

Bad performance limit for packet loss.

- Unit: `fraction`
- Precision: `float`
- Minimum: `0.0`
- Maximum: `1.0`
- Default: `0.03`

 Ignored if use\_qoe\_gqosm\_packet\_loss is false

### Example

```
[Measurement]
use_qoe_gqosm_packet_loss=true
qoe_gqosm_packet_loss_threshold=0.08
```

## 9. use\_qoe\_gqosm

Determines if GQoSM quality model calculations are performed. When false, GQoSM results are not

available in results.

- Values:
  - `true` - GQoSM quality model is calculated
  - `false` - GQoSM quality model is not calculated
- Default: `true`

#### Example

```
[Measurement]  
use_qoe_gqosm=true
```

## 10. use\_qoe\_gqosm\_cbl

Determines if connection break length parameter should be used in quality assessment.

- Values:
  - `true` - Parameter is used
  - `false` - Parameter is not used
- Default: `false`

#### Example

```
[Measurement]  
use_qoe_gqosm_cbl=true
```

## 11. use\_qoe\_gqosm\_delay

Determines if delay parameter should be used in quality assessment.

- Values:
  - `true` - Parameter is used
  - `false` - Parameter is not used
- Default: `true`

#### Example

```
[Measurement]  
use_qoe_gqosm_delay=false
```

## 12. use\_qoe\_gqosm\_jitter

Determines if jitter parameter should be used in quality assessment.

- Values:
  - `true` - Parameter is used
  - `false` - Parameter is not used

- Default: `true`

### Example

```
[Measurement]  
use_qoe_gqosm_jitter=false
```

## 13. use\_qoe\_gqosm\_packet\_loss

Determines if packet loss parameter should be used in quality assessment.

- Values:
  - `true` - Parameter is used
  - `false` - Parameter is not used
- Default: `true`

### Example

```
[Measurement]  
use_qoe_gqosm_packet_loss=false
```