

# Resource - sipvoicequalityserver

## About this Resource

Defines a **SIP Voice Quality Server**.

## REST API Methods for this Resource

- GET sipvoicequalityserver
- POST sipvoicequalityserver
- POST sipvoicequalityserver - action resetvoicequalitycounters

## Resource Schema

### Configuration

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
VQReporting	Yes	No	Enum	0	Possible values: <ul style="list-style-type: none"><li>• 0 - btFalse</li><li>• 1 - btTrue</li></ul>	Indicates if Voice Quality reporting is enabled.
VQServerHost	Yes	No	string	none	256 - Max Length	If 'Voice Quality Reporting' is true, this represents the IP address or FQDN of the Voice quality Monitoring Agent.
VQServerPort	Yes	No	int	5061	Possible values: <ul style="list-style-type: none"><li>• 1024 - Minimum</li><li>• 65535 - Maximum</li></ul>	If 'Voice Quality Reporting' is true, this represents the port of the QoE Monitoring within the range 1024 through 65535.
VQServerProtocol	Yes	No	Enum	4	Possible values: <ul style="list-style-type: none"><li>• 0 - eTrNone</li><li>• 1 - eTrUDP</li><li>• 2 - eTrTCP</li><li>• 3 - eTrTCP_UDP</li><li>• 4 - eTrTLS</li><li>• 5 - eTrTLS_UDP</li><li>• 6 - eTrTLS_TCP</li><li>• 7 - eTrTLS_TCP_UDP</li><li>• 8 - eTrCount</li><li>• 9 - eTrSCTP</li></ul>	Specifies the protocol to use for sending Voice Quality reports <ul style="list-style-type: none"><li>• <b>UDP</b> - Send messages using UDP.</li><li>• <b>TCP</b> - Send message using TCP.</li><li>• <b>TLS</b> - Send message using TLS.</li></ul>
VQTLSProfileID	No	No	int	1	Possible values: <ul style="list-style-type: none"><li>• 0 - Minimum</li><li>• 65534 - Maximum</li></ul>	If protocol is TLS, this is the ID of TLS profile in use.
Interval	Yes	No	int	300	Possible values: <ul style="list-style-type: none"><li>• 30 - Minimum</li><li>• 3600 - Maximum</li></ul>	Specifies the reporting interval.
MOSValue	Yes	No	int	30	Possible values: <ul style="list-style-type: none"><li>• 10 - Minimum</li><li>• 40 - Maximum</li></ul>	Specifies the <b>Impairment Threshold (Falling)</b> MOS value for calls, in tenths (e.g.: "2.5" is configured as "25").

<b>SipSGList</b>	No	No	string	1	40 - Max Length	Specifies the <b>SIP Signaling Groups</b> for which Voice quality reporting is enabled as a comma-separated string of the Signaling Group IDs.
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## Statistics

Parameter Name	Description	Data Type	Possible Values
<b>rt_SentVQReports</b>	Number of successful VQ reports sent.	int	
<b>rt_FailedVQReports</b>	Number of failed VQ reports.	int	