

TR-064 Support – Speedtest

Supported by AVM

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urn:X_AVM-DE_Speedtest-com:serviceId:X_AVM-DE_Speedtest 1

For details please refer the TR-064 document at <http://www.dslforum.org/techwork/tr/TR-064.pdf>.

History

Date	Version	Changes
2015-02-06	1	Initial Version
2022-01-10	2	Added action GetStatistics with state variables ByteCount, KbitsCurrent, KbitsAvg, PacketCount, PPSCurrent, PPSAvg Added action ResetStatistics

Action List

This chapter contains the supported actions of the service Hosts which are listed incl. arguments.

GetInfo

Argument name	Direction	Related state variable	Remarks
NewEnableTcp	out	EnableTcp	
NewEnableUdp	out	EnableUdp	
NewEnableUdpBidirect	out	EnableUdpBidirect	
NewWANEnableTcp	out	WANEnableTcp	
NewWANEnableUdp	out	WANEnableUdp	
NewPortTcp	out	PortTcp	
NewPortUdp	out	PortUdp	
NewPortUdpBidirect	out	PortUdpBidirect	

Table 1: Argument list of action GetInfo

SetConfig

Argument name	Direction	Related state variable	Remarks
NewEnableTcp	in	EnableTcp	
NewEnableUdp	in	EnableUdp	
NewEnableUdpBidirect	in	EnableUdpBidirect	
NewWANEnableTcp	in	WANEnableTcp	
NewWANEnableUdp	in	WANEnableUdp	

Table 2: Argument list of action SetConfig

GetStatistics

Return statistic values to current or last speedtest started with EnableTcp/EnableUdp or EnableUdpBidirect. Only incoming packets to the FRITZ!Box on the specific speedtest ports are counted.

Argument name	Direction	Related state variable	Remarks
NewByteCount	out	ByteCount	
NewKbitsCurrent	out	KbitsCurrent	
NewKbitsAvg	out	KbitsAvg	
NewPacketCount	out	PacketCount	
NewPPSCurrent	out	PPSCurrent	
NewPPSAvg	out	PPSAvg	

Table 3: Argument list of action GetStatistics

state variable	Description
ByteCount	Total number of bytes counted since reset
KbitsCurrent	Current data rate in kbits
KbitsAvg	Data rate in kbits since start of measurement
PacketCount	Total number of packets counted since reset
PPSCurrent	Current data rate in packets per second
PPSAvg	Data rate in packets per second since start of measurement

Table 4: Argument list of action GetStatistics

ResetStatistics

Resets all statistic counter to zero

No arguments

Service States Table

Variable name	Send events	Allowed values (* == default)	Data type	Date
ByteCount	no		ui4	
EnableTcp	no		boolean	
EnableUdp	no		boolean	
EnableUdpBidirect	no		boolean	
KbitsAvg	no		ui4	
KbitsCurrent	no		ui4	
PacketCount	no		ui4	
PortTcp	no		ui4	
PortUdp	no		ui4	
PPSAvg	no		ui4	
PPSCurrent	no		ui4	
PortUdpBidirect	no		ui4	
WANEnableTcp	no		boolean	
WANEnableUdp	no		boolean	

Table 5: Variable list