

TR-064 Support – WANCommonInterfaceConfig

*Supported by AVM*

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**1. urn:WANCIfConfig-com:serviceId:WANCommonInterfaceConfig1**

For details please refer the TR-064 document at

<https://www.broadband-forum.org/technical/download/TR-064.pdf>**2. History**

Date	Version	Changes
2012-02-13	10	Example values for WANAccessType. Spelling, format.
2015-11-20	11	Add action X_AVM-DE_GetOnlineMonitor
2016-08-05	12	Updated URL for TR-064 document
2017-08-24	13	Example values for X_AVM-DE_GetOnlineMonitor
2018-09-05	14	Added allowed values for parameter WANAccessType and PhysicalLinkStatus

**3. Action List**

This chapter contains the supported actions of the service WAN common interface configuration which are listed incl. arguments.

**4. GetCommonLinkProperties**

Argument name	Direction	Related state variable	Remarks
NewWANAccessType	out	WANAccessType	
NewLayer1UpstreamMaxBitRate	out	Layer1UpstreamMaxBitRate	
NewLayer1DownstreamMaxBitRate	out	Layer1DownstreamMaxBitRate	
NewPhysicalLinkStatus	out	PhysicalLinkStatus	

Table 1: Argument list of action GetCommonLinkProperties

**5. GetTotalBytesSent**

Argument name	Direction	Related state variable	Remarks
NewTotalBytesSent	out	TotalBytesSent	Needs IGD to work.

Table 2: Argument list of action GetTotalBytesSent

## 6. GetTotalBytesReceived

Argument name	Direction	Related state variable	Remarks
NewTotalBytesReceived	out	TotalBytesReceived	Needs IGD to work.

Table 3: Argument list of action GetTotalBytesReceived

## 7. GetTotalPacketsSent

Argument name	Direction	Related state variable	Remarks
NewTotalPacketsSent	out	TotalPacketsSent	Needs IGD to work.

Table 4: Argument list of action GetTotalPacketsSent

## 8. GetTotalPacketsReceived

Argument name	Direction	Related state variable	Remarks
NewTotalPacketsReceived	out	TotalPacketsReceived	Needs IGD to work.

Table 5: Argument list of action GetTotalPacketsReceived

## 9. X\_AVM-DE\_SetWANAccessType

Argument name	Direction	Related state variable	Remarks
NewAccessType	in	AccessType	

Table 6: Argument list of action X\_AVM-DE\_SetWANAccessType

## 10. X\_AVM-DE\_GetOnlineMonitor

SyncGroupIndex can have a value from 0 .. TotalNumberSyncGroups-1 (from X\_AVM-DE\_GetOnlineMonitor).

Argument name	Direction	Related state variable	Remarks
NewSyncGroupIndex	in	SyncGroupIndex	
NewTotalNumberSyncGroups	out	TotalNumberSyncGroups	
NewSyncGroupName	out	SyncGroupName	
NewSyncGroupMode	out	SyncGroupMode	
Newmax_ds	out	max_ds	
Newmax_us	out	max_us	
Newds_current_bps	out	ds_current_bps	
Newmc_current_bps	out	mc_current_bps	
Newus_current_bps	out	us_current_bps	
Newprio_realtime_bps	out	prio_realtime_bps	
Newprio_high_bps	out	prio_high_bps	
Newprio_default_bps	out	prio_default_bps	
Newprio_low_bps	out	prio_low_bps	

Table 7: Argument list of action X\_AVM-DE\_GetOnlineMonitor

## 11. Service States Table

Variable name	Allowed values (* == default)	Data type
AccessType	DSL, Ethernet	String
ds_current_bps		string
Layer1DownstreamMaxBitRate		ui4
AccessType	DSL, Ethernet	String
max_us		ui4
mc_current_bps		string
PhysicalLinkStatus	Unavailable, Down, Initializing, Up	string
prio_default_bps		string
prio_high_bps		string
prio_low_bps		string
prio_realtime_bps		string
SyncGroupIndex	0 .. TotalNumberSyncGroups-1	ui4
SyncGroupName		string
TotalBytesReceived	0 if IGD is not used.	ui4
TotalBytesSent	0 if IGD is not used.	ui4
TotalNumberSyncGroups		ui4
TotalPacketsReceived	0 if IGD is not used.	ui4
TotalPacketsSent	0 if IGD is not used.	ui4
us_current_bps		string
WANAccessType	DSL, Ethernet, X_AVM-DE_Fiber, X_AVM-DE_UMTS, X_AVM-DE_Cable, X_AVM-DE_LTE	string
max_us		ui4

Table 8: Variable list