

# TR-064 Support – UserInterface

*Supported by AVM*

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## History

Date	Version	Changes
2011-03-03	14	Add comment to document Special Action for action X_AVM-DE_DoPrepareCGI
2015-02-06	15	Added actions X_AVM-DE_GetInfo and X_AVM-DE_SetConfig.
2015-02-17	16	Added Parameters in X_AVM-DE_GetInfo regarding Update
2019-01-15	17	Added required rights for action X_AVM-DE_DoUpdate

## 1 urn:UserInterface-com:serviceId:UserInterface1

For details please refer the TR-064 document at <http://www.broadband-forum.org/technical/download/TR-064.pdf>.

## 2 Action List

This chapter contains the supported actions of the service user interface which are listed inclusive arguments.

### 2.1 GetInfo

Argument name	Direction	Related state variable	Remarks
NewUpgradeAvailable	out	UpgradeAvailable	
NewPasswordRequired	out	PasswordRequired	
NewPasswordUserSelectable	out	PasswordUserSelectable	
NewWarrantyDate	out	WarrantyDate	Not supported. Returns Default string.
NewX_AVM-DE_Version	out	X_AVM-DE_Version	
NewX_AVM-DE_DownloadURL	out	X_AVM-DE_DownloadURL	
NewX_AVM-DE_InfoURL	out	X_AVM-DE_InfoURL	
NewX_AVM-DE_UpdateState	out	X_AVM-DE_UpdateState	
NewX_AVM-DE_LaborVersion	out	X_AVM-DE_LaborVersion	

Table 1: Argument list of action GetInfo

## 2.2 X\_AVM-DE\_CheckUpdate

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_LaborVersion	in	X_AVM-DE_LaborVersion	

Table 2: Argument list of action X\_AVM-DE\_CheckUpdate

## 2.3 X\_AVM-DE\_DoPrepareCGI

The CGI has to use the session ID as first parameter. The session ID will be checked at the start of the CGI process. The session ID is valid for up to 60 seconds after calling the SOAP action X\_AVM-DE\_DoPrepareCGI.

Please refer the document TR-064: Special Actions for details to call the CGI.

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_CGI	out	X_AVM-DE_CGI	
NewX_AVM-DE_SessionID	out	X_AVM-DE_SessionID	

Table 3: Argument list of action X\_AVM-DE\_DoPrepareCGI

## 2.4 X\_AVM-DE\_DoUpdate

Required rights:

- depending on configuration either configuration rights or no authentication

Argument name	Direction	Related state variable	Remarks
NewUpgradeAvailable	out	UpgradeAvailable	
NewX_AVM-DE_UpdateState	out	X_AVM-DE_UpdateState	

Table 4: Argument list of action X\_AVM-DE\_DoUpdate

## 2.5 X\_AVM-DE\_DoManualUpdate

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_DownloadURL	in	X_AVM-DE_DownloadURL	
NewX_AVM-DE_AllowDowngrade	in	X_AVM-DE_AllowDowngrade	07.04.10

Table 5: Argument list of action X\_AVM-DE\_DoManualUpdate

## 2.6 X\_AVM-DE\_GetInternationalConfig

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_Language	out	X_AVM-DE_Language	
NewX_AVM-DE_Country	out	X_AVM-DE_Country	
NewX_AVM-DE_Annex	out	X_AVM-DE_Annex	
NewX_AVM-DE_LanguageList	out	X_AVM-DE_LanguageList	
NewX_AVM-DE_CountryList	out	X_AVM-DE_CountryList	
NewX_AVM-DE_AnnexList	out	X_AVM-DE_AnnexList	

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

## 2.7 X\_AVM-DE\_SetInternationalConfig

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_Language	in	X_AVM-DE_Language	
NewX_AVM-DE_Country	in	X_AVM-DE_Country	
NewX_AVM-DE_Annex	in	X_AVM-DE_Annex	

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

## 2.8 X\_AVM-DE\_GetInfo

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_AutoUpdateMode	out	X_AVM-DE_AutoUpdateMode	
NewX_AVM-DE_UpdateTime	out	X_AVM-DE_UpdateTime	
NewX_AVM-DE_LastFwVersion	out	X_AVM-DE_LastFwVersion	
NewX_AVM-DE_LastInfoUrl	out	X_AVM-DE_InfoURL	
NewX_AVM-DE_CurrentFwVersion	out	X_AVM-DE_Version	
NewX_AVM-DE_UpdateSuccessful	out	X_AVM-DE_UpdateSuccessful	

Table 8: Argument list of action X\_AVM-DE\_GetInfo

## 2.9 X\_AVM-DE\_SetConfig

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_AutoUpdateMode	in	X_AVM-DE_AutoUpdateMode	

Table 9: Argument list of action X\_AVM-DE\_SetConfig

### 3 Service States Table

Variable name	Allowed values (* == default)	Data type
PasswordRequired	0 (*)	Boolean
PasswordUserSelectable	1 (*)	Boolean
UpgradeAvailable		Boolean
WarrantyDate	0000-00-00T00:00:00 (*)	DateTime
X_AVM-DE_AllowDowngrade		Boolean
X_AVM-DE_Annex		String
X_AVM-DE_AnnexList		String
X_AVM-DE_AutoUpdateMode	off, all, important, check	String
X_AVM-DE_CGI	CGI path	String
X_AVM-DE_Country		String
X_AVM-DE_CountryList		String
X_AVM-DE_DownloadURL		String
X_AVM-DE_InfoURL		String
X_AVM-DE_LaborVersion	"Current" currently used Version, either Release or Labor XXX Release-Firmware: "" Labor-Firmware: content of CONFIG_LABOR_ID_NAME e.g. phone	String
X_AVM-DE_Language		String
X_AVM-DE_LanguageList		String
X_AVM-DE_LastFwVersion		String
X_AVM-DE_SessionID		String
X_AVM-DE_UpdateState	Started, Stopped, Error, NoUpdate, UpdateAvailable, Unknown	String
X_AVM-DE_UpdateSuccessful	unknown, failed, succeeded	String
X_AVM-DE_UpdateTime	2015-02-16T14:31:44+01:00 (Default 0000-00-00T00:00:00)	DateTime
X_AVM-DE_Version		String

Table 10: Variable list