

TR-064 Support – LANConfigSecurity

Supported by FRITZ!

Author: FRITZ! GmbH

Date: 2025-08-07

urn:LANConfigSecurity-com:serviceId:LANConfigSecurity1

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

1 History

Date	Version	Changes
2012-11-12	6	Removed GetInfoEx Added action X_AVM-DE_GetAnonymousLogin and X_AVM-DE_GetCurrentUser
2014-05-26	7	Added action X_AVM-DE_GetCurrentUserRights and state variable X_AVM-DE_CurrentUserRights
2020-02-27	8	Added action X_AVM-DE_GetUserList and state variable X_AVM-DE_UserList
2021-09-27	9	Added paramter AllowedCharsUsername for GetInfo
2022-02-15	10	Added required rights for actions
2022-06-07	11	Added NewX_AVM-DE_IsDefaultPasswordActive parameter to GetInfo Action
2025-08-07	12	Changed AVM to FRITZ!

2 Action List

This chapter contains the supported actions of the service LAN configuration security which are listed incl. arguments.

2.1 GetInfo

Required rights: None

Argument name	Direction	Related state variable	Remarks
NewMaxCharsPassword	out	MaxCharsPassword	
NewMinCharsPassword	out	MinCharsPassword	
NewAllowedCharsPassword	out	AllowedCharsPassword	
NewAllowedCharsUsername	out	AllowedCharsUsername	
NewX_AVM-DE_IsDefaultPasswordActive	out	X_AVM-DE_IsDefaultPasswordActive	0 – no user with default password 1 – at least one user with default password

Table 1: Argument list of action GetInfo

2.2 X_AVM-DE_GetAnonymousLogin

This action can be invoked without authentication.

Required rights: None

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_AnonymousLoginEnabled	out	X_AVM-DE_AnonymousLoginEnabled	

Table 2: Argument list of action X_AVM-DE_GetAnonymousLogin

2.3 X_AVM-DE_GetCurrentUser

The current username might be empty. If anonymous login is enabled, the client may use any username for authentication instead of a configured one. Return list of configured rights of the current user, too.

Required rights: App, Dial, Phone, NAS or Homeauto

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_CurrentUsername	out	X_AVM-DE_CurrentUsername	
NewX_AVM-DE_CurrentUserRights	out	X_AVM-DE_CurrentUserRights	26.05.14

Table 3: Argument list of action X_AVM-DE_GetCurrentUser

2.4 SetConfigPassword

Required rights: App, Dial, Phone, NAS or Homeauto

Argument name	Direction	Related state variable	Remarks
NewPassword	in	ConfigPassword	Changing the password needs up to 20 seconds.

Table 4: Argument list of action SetConfigPassword

2.5 X_AVM-DE_GetUserList

Get the usernames of all users in a xml-list. Each item has an attribute "last_user", which is set to "1" for only that username, which was used since last login.

Argument name	Direction	Related state variable	Remarks
NewX_AVM-DE_UserList	out	X_AVM-DE_UserList	

Table 5: Argument list of action X_AVM-DE_GetUserList

Return code	Description	Related argument
820	Internal Error	
402	Invalid Args	any

Table 6: Return codes of action X_AVM-DE_GetUserList

3 Service States Table

Variable name	Allowed values (* == default)	Data type
AllowedCharsPassword	01234567890ABCDEFGHIJKLMNPOQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./:;<=>? @[!^_`{}~ (*)	String
AllowedCharsUsername	01234567890ABCDEFGHIJKLMNPOQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz -._	String
ConfigPassword		String
MaxCharsPassword	32 (*)	ui2
MinCharsPassword	0 (*)	ui2
X_AVM-DE_AnonymousLoginEnabled		Boolean
X_AVM-DE_CurrentUsername		String
X_AVM-DE_CurrentUserRights		String
X_AVM-DE_UserList		String
X_AVM-DE_IsDefaultPasswordActive	0 (*)	Boolean

Table 7: Variable list

3.1 X_AVM-DE_CurrentUserRights

List of rights as XML string.

Example

```
<rights>
  <path>BoxAdmin</path>
  <access>none</access>
  <path>Phone</path>
  <access>readwrite</access>
  <path>Dial</path>
  <access>readwrite</access>
  <path>NAS</path>
  <access>readonly</access>
  <path>HomeAuto</path>
  <access>readwrite</access>
</rights>
```

3.2 X_AVM-DE_UserList

List of usernames as XML string.

Example

```
<List>
  <Username last_user="1">John</Username>
  <Username last_user="0">PowerLine</Username>
  <Username last_user="0">repeaterpeter</Username>
</List>
```