hotspot settings

Functional Description

Users can modify the name and password of the vehicle hotspot according to their needs. This function can only be used when the vehicle is in a stopped state.

Enabling conditions (a&b&c):

IVI system startup;

User can operate SWP;

IVI hotspot is enabled.

Trigger conditions (a):

Users set the hotspot name and password in SWP, and IVI\_IFT sends vehicle/{VIN}/hardware/interfaces/hotspotNameCommand and vehicle/{VIN}/hardware/interfaces/hotspotPasswordCommand to SGW.

Users set hotspot name and password on the SWP, IVI\_IFT send vehicle/{VIN}/hardware/interfaces/hotspotNameCommand and vehicle/{VIN}/hardware/interfaces/hotspotPasswordCommand to SGW.

Execution output (a&b&c&d):

After SGW changes the hotspot name and password, it feeds back vehicle/{VIN}/hardware/interfaces/hotspotNameValue and vehicle/{VIN}/hardware/interfaces/hotspotPasswordValue to IVI\_IFT, which then displays them.

After SGW changes the hotspot name and password, it provides feedback on vehicle/{VIN}/hardware/interfaces/hotspotNameValue and vehicle/{VIN}/hardware/interfaces/hotspotPasswordValue to IVI\_IFT for display.

IVI and SGW save the configured name and password;

After changing the password, the previous device cannot be connected. After entering the new password, the connection can be successful.

After the vehicle is powered off, IVI and SGW remember the hot spot name and password. If IVI memory state is inconsistent with SGW, SGW shall take priority

Exit conditions/Exit conditions (a):

The vehicle system is powered off.

IVI system shutdown.

Notes:

1. The hotspot name can be a combination of Russian, English, and numbers. After entering, click Confirm to modify the personal name. IVI\_IFT supports inputting up to cal.NameLength\_Hotspot(Default,32byte,TBD) characters. When the maximum value is exceeded, IVI\_IFT sends the video stream to SWP to remind the user that "the maximum input characters have been exceeded". The hotspot name does not support special characters and special symbols (except ordinary English and Russian characters, and "\_"). Minimum character limit: at least one character.

The hotspot name can be a combination of Russian, English, and numbers. After entering, click confirm to modify the personal name. IVI-IFT supports up to cal.NameLength\_Hotspot(Default,32byte,TBD), when the maximum value is exceeded, IVI\_IFT will send a video stream to SWP and prompt the user "the maximum input character has been exceeded". The hotspot name does not support special characters or symbols (except for regular English and characters Russian, as well as "\_"). Minimum character limit: At least one character. 2. After the user sets the hotspot name and password, SGW needs to feed back the setting results to IVI within cal. HotspotSettingFeedbackTime (Default, 1s, TBD).

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