

Document Title	PRS_SOMEIPServiceDiscoveryProtocol: Complete Change Documentation 1.2.0 - 1.3.0
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1 PRS_SOMEIPServiceDiscoveryProtocol

1.1 Specification Item PRS_SOMEIPSD_00437

Trace References:

RS_SOMEIPSD_00004

Content:

RfCs affecting this spec item between releases 1.2.0 and 1.3.0:

- RfC #78668: [SD] Contradicting requirements on the usage of the otherserv configuration option

Problem description:

RfC 77251: According to the Autosar Classic Platform the otherserv option shall be used to identify services with not unique ServiceIDs. (see SWS_SD_00293).

According to AUTOSAR_PRS_SOMEIPServiceDiscoveryProtocol the otherserv option shall be used exclusively for non-SOME/IP services.(see PRS_SOMEIPSD_00437)

Agreed solution:

RfC 77251:

Modify SWS_SD_00293

from:

Services exist, that are not identified by a unique 16 Bit Service ID but a unique value of the key otherserv. These services use the Service ID 0xFFFFE and must always carry a configuration option with an otherserv record. ECUs receiving an entry with Service ID 0xFFFFE shall use the configuration option and the otherserv record within in order to identify the relevant Service or Eventgroup configuration item. This means that two Service Instance with the same Service ID and Service Instance ID may exist as long as their otherserv record is different. The configuration option shall be built based on configuration parameters mentioned in SWS_SD_00292.

to:

Non-SOME/IP-Services exist, that are not identified by a unique 16 Bit Service ID but a unique value of the key otherserv. These services use the Service ID 0xFFFFE and must always carry a configuration option with an otherserv record. ECUs receiving an entry with Service ID 0xFFFFE shall use the configuration option and the otherserv record within in order to identify the relevant Service or Eventgroup configuration item.

Modify PRS_SOMEIPSD_00437

Replace:

"contain at least an entry with key "otherserv""

by

"contain exactly one entry with key "otherserv""

—Last change on issue 77251 comment 10—

BW-C-Level:

Application	Specification	Bus
1	4	1