



Segmentation in RDS port management operations Solution comparison

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Comparison summary

	Ericsson's solution (C1-205199)	Intel's solution 1 (C1-205096)	Intel's solution 2 (C1-205198)
Backward compatibility	✓ (yes)	✗ (no)	✗ (no)
Enables obtaining and using partial port information	✓ (yes)	✗ (no)	✓ (yes)
Solution complete	✓ (yes)	✓ (yes)	✗ (no)

Intel's solution 1 (C1-205096)

Details on issues

- › Backward compatibility issue:
 - N(CR) field is in the middle of the message
 - If:
 - the sending entity is compliant to C1-205096;
 - the receiving entity is compliant to TS 24.250 v16.2.0; and
 - the sending entity sets F bit to one, and includes the N(CR) field in the MANAGE_PORT response or command
 - › the receiving entity will decode the MANAGE_PORT response or command according to 24.250 v16.2.0, i.e. the receiving entity will ignore the F bit and will incorrectly considered the N(CR) field as a part of the Action field.
- › Enables obtaining and using partial port information issue:
 - the MANAGE_PORT response or command is fragmented at U frame level.
 - the receiving entity decodes a complete MANAGE_PORT response or command

Intel's solution 2 (C1-205198)

Details on issues

- › Backward compatibility issue:
 - Port numbers not available field is in the middle of the message
 - If:
 - the sending entity is compliant to C1-205096;
 - the receiving entity is compliant to TS 24.250 v16.2.0; and
 - the sending entity includes the Port numbers not available field in the MANAGE_PORT response or command
 - › the receiving entity will decode the MANAGE_PORT response or command according to 24.250 v16.2.0, i.e. the receiving entity will incorrectly considered the Port numbers not available field as a part of the port information.
- › Solution complete issue:
 - procedures in clause 6 are not modified