



Enhanced SGW CDR nodeId Encoding for Larger Instance Numbers Support

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	StarOS
Applicable Platform(s)	<ul style="list-style-type: none">• ASR 5500• VPC-DI• VPC-SI
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	<ul style="list-style-type: none">• <i>Command Line Reference Guide</i>• <i>ASR 5500 System Administration Guide</i>• <i>VPC-DI System Administration Guide</i>• <i>VPC-SI System Administration Guide</i>

Revision History

Revision Details	Release
First Introduced.	2024.04.0 (21.28.m4)

Behavior Change

Previous Behavior: When Serving Gateway (SGW) Call Detail Records (CDR) were triggered from a 4-digit AAA manager with an instance number greater than 998, the nodeID field was updated with "1". This nodeID attribute was not in the expected ndddSTRING format and was encoded in a 3-digit decimal format. This format restricted the system to handle instance numbers in the range of 0 to 998 only. This behavior resulted in incorrect nodeID values as the system could not accommodate the larger instance numbers.

New Behavior: The nodeID attribute is encoded in a 3-digit hexadecimal format, extending support for instance numbers in the range of 0 to 4095. With this behavior, the system displays the accurate larger instance numbers in the nodeID field, ensuring accurate data recording and transfer across various functions.