

SMF Feature Updates without SMF IEs

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Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Products or Functional Area	AMF
Applicable Platforms	SMI
Feature Default Setting	Disabled – Configuration required to enable
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
First introduced.	2021.04.0

Feature Description

When the gNB fails to send the PDU-x-Release (**pdu-rsc-rel**) information elements (IE), the AMF shows a distinct customary behavior.

This AMF behaviour is specific to:

- The UE context release procedure
- The UE context release request message and the UE context release complete message—Both messages not having the specified information elements

By default, this feature is disabled (false).

When the configuration is enabled, the AMF sends the required updates to SMF, even when the gNB doesn't send these information elements.

Feature Configuration

To configure this feature, use the following configuration:

```
config
   amf-global
      call-control-policy ccp_name
         policy context-release force-smf-update { false | true }
         end
```

NOTES:

- **call-control-policy** *ccp_name*—Specify the UE-specific name for the call control policy.
- **context-release**—Configure the UE context release procedure as per the console.
- **force-smf-update { false | true }**—Initiate the SMF update procedure, when the PDU list isn't available in release messages, as a part of the UE Context Release procedure. The default value is disabled (false).

Configuration Example

The following is an example configuration.

```
config
    amf-global
        call-control-policy pdu-rsc-rel
            policy context-release force-smf-update true
            end
```