



Configuring UE Radio Capability IE Size

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Feature Summary and Revision History

Summary Data

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

Revision History

Revision Details	Release
Configuration of UE Radio Capability IE Size	21.5.26
Configuration of UE Radio Capability IE Size Introduced to 21.18 release.	21.18
Configuration of UE Radio Capability IE Size Introduced to 21.17 release.	21.17.6
First introduced.	21.12.15

Feature Changes

Previous Behavior: When the UE sends its UE Radio Capability packet exceeding 6000 bytes to the MME, the MME is unable to respond to any subsequent Service Request. MME drops the message as the maximum S1AP packet size limit is 6144 bytes.

New Behavior: MME checks the size of UE Radio Capability IE in UE Capability Information Indication message with the configured limit size from New CLI is introduced to limit the size of UE Radio Capability IE.

Command Changes

This section describes the CLI configuration required to configure UE Radio Capability IE size.

Configuring the UE Radio Capability IE

Use the following configuration to set the size of UE Radio Capability IE.

```
configure
  context context_name
    mme-service mme_service_name
      s1-mme ue-radio-cap
      s1-mme ue-radio-cap size
      no s1-mme ue-radio-cap
    end
```

NOTES:

- **ue-radio-cap:** Sets the size of UE Radio Capability IE default value 5632 bytes.
- **ue-radio-cap size:** Specifies the size of UE Radio Capability IE in bytes. **size** must be an integer in the range of 3072 to 9000 .
- **no s1-mme ue-radio-cap** Disables the UE radio capability size limit.