Target MME Load Balancing During Handover in MME

- Feature Summary and Revision History, on page 1
- Feature Description, on page 1

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	MME
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Default Setting	Enabled - Always on
Related Changes in This Release	Not Applicable
Related Documentation	*MME Administration Guide*

Revision History

Revision Details	Release
First introduced.	21.12.2

Feature Description

MME can now configure multiple MME addresses for same TAI with the same priority. During S1 handover procedure, MME will select the target MME based on the static configuration. If more than one MME is configured for the same. TAI and priority then the round robin logic of selecting MMEs is used.

With this release, the limitation in configuring multiple MME addresses for the same TAI and priority is removed.

Consider an example where target MMEs with ip-address1, address2 and ip-address3 are configured for the same TAI and priority. For the first handover to target TAI, the MME with address1 is used, for the second handover the MME address2 is used and for the third handover the MME address3 is used. This sequence is repeated upon successive handovers to the same TAI.

```
peer-mme tai-match  priority <val> mcc <val> mnc <val> tac <val> address <ip-address1>
peer-mme tai-match  priority <val> mcc <val> mnc <val> tac <val> address <ip-address2>
peer-mme tai-match  priority <val> mcc <val> mnc <val> tac <val> address <ip-address3>
```

Note   Each session manager will independently load balance between the target MMEs.