



## Implicit Update Location to HSS

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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"> <li>• ASR 5500</li> <li>• VPC-DI</li> <li>• VPC-SI</li> </ul>
Default Setting	Disabled - Configuration required
Related Changes in This Release	Not Applicable
Related Documentation	<ul style="list-style-type: none"> <li>• Command Line Interface Reference</li> <li>• MME Administration Guide</li> </ul>

#### Revision History

Revision Details	Release
First introduced.	21.14

## Feature Description

When the attach has a Globally Unique Temporary ID (GUTI), then MME queries for the subscriber information. If it has the subscriber information, then the Update Location Request (ULR) will not be executed because the UE information is updated already. Some of the customer devices cannot reset the old GUTI after returning to Home network from the visited network. This causes mismatch between Home Subscriber Server (HSS) and MME. Hence MME is expected to send ULR to HSS even when the subscriber Database(dB record) is present at the MME so that the HSS and the MME are in the sync.

## Configuring Implicit Update Location to HSS

### Enabling Implicit Update Location to HSS

Use the following configuration to implicitly send the ULR for local GUTI reattach.

```
configure
  call-control-profile call_control_profile_name
    [ no ] attach implicit-ulr
  end
```

#### NOTES:

- **attach implicit-ulr**: Attaches the implicit ULR.
- **no**: Removes the configuration to implicitly send the ULR for local GUTI reattach.

## Monitoring and Troubleshooting

This section provides information regarding show commands available to monitor and troubleshoot the Implicit Update Location Request to HSS feature.

### Show Commands and Outputs

#### **show call-control-profile full all**

A new show command output "Implicit Sending of ULR during local GUTI attach" is added to indicate configured value (Enabled/Disabled).