

HLR Backup/HLR Redundancy

OPERATIONAL DIRECTIONS



NOTICE

The information contained in this document is believed to be accurate in all respects but is not warranted by Mitel Networks™ Corporation (MITEL®). Mitel makes no warranty of any kind with regards to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The information is subject to change without notice and should not be construed in any way as a commitment by Mitel or any of its affiliates or subsidiaries. Mitel and its affiliates and subsidiaries assume no responsibility for any errors or omissions in this document. Revisions of this document or new editions of it may be issued to incorporate such changes.

No part of this document can be reproduced or transmitted in any form or by any means - electronic or mechanical - for any purpose without written permission from Mitel Networks Corporation.

TRADEMARKS

The trademarks, service marks, logos and graphics (collectively "Trademarks") appearing on Mitel's Internet sites or in its publications are registered and unregistered trademarks of Mitel Networks Corporation (MNC) or its subsidiaries (collectively "Mitel") or others. Use of the Trademarks is prohibited without the express consent from Mitel. Please contact our legal department at legal@mitel.com for additional information. For a list of the worldwide Mitel Networks Corporation registered trademarks, please refer to the website: <http://www.mitel.com/trademarks>.

© Copyright 2016, Mitel Networks Corporation

All rights reserved

1

GENERAL

HLR backup/HLR Redundancy is a system function for multi-LIM systems, that is valid for H.323 and SIP extensions. The function facilitates registration to a temporary HLR, Home Location Register, in another server (LIM) than the ordinary one, where the HLR (directory number) is defined.

2 PREREQUISITES

- IP extensions must be initiated and registered
- The LDAP database must be in operation, so replication has been done
- The license for HLR Redundancy feature is available.

3 TOOLS

-

4 REFERENCES

See the description *HOME LOCATION REGISTER REDUNDANCY*

5 PROCEDURE

There is no specific end user procedure. The ordinary logon/registration procedure is used.

6 EXECUTION

6.1 ACTIVATION OF THE HLR BACKUP/HLR REDUNDANCY FEATURE

6.1.1 GENERAL

The HLR backup/HLR Redundancy feature is automatic on certain conditions, like LIM out of order, LIM isolation and manual LIM blocking, but requires activation, since the default is that the service is inactive.

6.1.2 PREREQUISITES

The feature is only valid if the system has two or more LIMs.

6.1.3 ACTIVATION

Key the command *ASPAC* with parameter 198 (*PARNUM = 198*) to activate the HLR backup/HLR Redundancy feature.

Key the command *ASPAP* to verify that the activation has been executed.

6.1.4 DEACTIVATION

Key the command *ASPAC* with parameter 198 (*PARNUM = 198*) to deactivate the HLR backup/HLR Redundancy feature.

Key the command *ASPAP* to verify that the deactivation has been executed.

7**TERMINATION**

If exchange data have been altered a dump to backup media shall be performed.