

HLR Backup/HLR Redundancy

OPERATIONAL DIRECTIONS



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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.

The HLR backup function is sort of an addition or alternative to the Server Redundancy function.

2 PREREQUISITES

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

3 TOOLS

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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.