

Software Update Name: BCM370.126-FEPS

Applicable H/W Platforms: BCM1000, BCM200, BCM400

Applicable S/W Platforms: BCM 3.7, SRG 1.0 based on BCM 3.7

Category: GEN - This patch can be applied during the next maintenance window

Installation Recommendations: Supercedes any previous version.

Component & Version: FEPS 37.190.0.33

Dependencies: Required patches

BCM370.105-CORE or higher version

The core does not need to be applied before this patch.

Product Dependencies: None

Size: 0.4MB

System Impact: Time to apply - approximately 20 minutes

Does patch application force reboot: Yes, 2 reboots

Other impacts: None.

Limitations: None

Patch Removable: No

Description:

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The following issues are addressed:

Intermittent Dropped Calls

Intermittent VoIP calls will drop from the user's perspective for no reason. These calls will drop soon after initiation.

CR Q01286946

Locked up Trunk during VoIP Call

On rare occasions on VoIP trunk calls, a trunk can lockup on an inbound VoIPtrunk call.

CR Q01232655/Q01282054

## Overloaded Gatekeeper

Current BCM timeout for Gatekeeper requests is 2 seconds, the standard recommends 3 seconds so the BCM timeout has been extended. This helps alleviate registration problems at installations where many i.e. over 20 endpoints register to a Nortel CS1K Gatekeeper.

CR Q01291957

This patch includes the content of the following superseded patches:

FEPS v.37.170.0.33

Q01282054 - VOIP trunks locking up

Q01281447 - Unable to make OG or receive IC calls over VoIP trunks

Q01120093 - VoIP lines go to busy state

FEPS v.37.160.0.33

Q01145202: One way voice path when call from IPT card on option 11C is transferred back to another destination on the option 11C.

Q01211403: Calls to CS1K when h245 tunneling is enabled on both the CS1K and BCM do not work and are dropped by the BCM.

Q01212372 (formerly tracked by Q01210132): When connection to GK is lost but BCM does not realize it yet, and the BCM makes an outgoing trunk call, it can cause FEPS to crash.

FEPS v.37.150.0.33

Q01095627 VoIP Call Drop when a switch from Primary to Backup GK occurs

Q01011670 SN07Plus: H323 GK to GK T38 interop: Bcm t38 fax calls fail

Q01121345 Load test - low pass rate on case 3 benchmark - agents busy and core errors

FEPS v.37.140.0.33

Q01086112 CS2K-BCM Interop: Incoming Private/Subscriber VoIP calls are not properly handled on BCM.

Q01105644 On an incoming call that has CLIR the BCM still displays CLI on set.

FEPS v.37.130.0.33

Q01088391 Failure to initialize H.323 protocol stack

Q01099819 BCM erroneously switches to backup gatekeeper '0.0.0.0' and then never switches back to primary.

Q01080871 CSE1K Interop; No stutter tone heard on BCM->Succession call when using Succession Authentication Code feature.

Q01084701 No User Busy reason displayed or tone heard upon BCM calling busy set.

Q01042953 No voice path on external call forward as a result of BCM sending an incorrect IP address in an OpenLogicalChannel message.

Q01038212 Tenor GW Interop: One way speech path as a result of BCM erroneously setting fastStartAck channel transport type to Multicast instead of Unicast type

Q01011670 SN07 Interop; BCM T.38 Calls fail with CS2K.

Q01006425 One way speech path, and call dropping in various call forward scenarios.