BCM 3.7 IPSec Patch

Software Update Name: BCM_370.116_IPSEC.71.3707

Applicable H/W Platforms: BCM1000, BCM200, BCM400

Applicable S/W Platforms: BCM 3.7

Category: GEN

Installation Recommendations: Patch may be applied in the next maintenance window

Component and Version: IPSecIKE 3.7.0.7

Dependencies: None

Product Dependencies - None

Size: 248KB

System Impact:

time to apply approximately 5 minutes

Does patch application force reboot: Yes

Limitations: None

Patch Removable: No

The following issues are addressed:

C221 contivity client disconnects with BCM3.7.
Contivity 221 "VPN Client" connects to BCM 3.6 but is then disconnected after approx.
20 seconds. The problem is due to the fact that the Contivity 221 Client does not connect
to the Quote Of The Day Server. This is different from how the Contivity VPN Client
does it. This is treated as an error BCM 3.x IPSecIKE code and the IPSec tunnel is
deleted. This occurs after approx. 20 seconds. So the IPSec VPN client tunnel was
staying up for approx. 20 seconds and then the BCM 3.x was deleting it.

CR - Q01203965.

BCM does not send 3DES proposal.
BCM3.x by default sends only DES proposal and does not send 3DES proposal. Branch
Office Tunnel does not come up between BCM & M50a /M50e if M50a/M50a are
configured to use 3DES encryption.

CR - Q01240777 & Q01240777-01.

3DES proposal will be sent if in IPSec Global Settings any of the 3DES options are set AND both of the DES56 (MD5 and SHA) are un-selected.

Branch Office Tunnel does not come up between M50e and BCM3.7 after its manually disconnected.
Branch Office Tunnel does not come up between M50e and BCM3.7 after its manually disconnected. It comes up only after BCM is rebooted or IPSecIKE service is restarted.

CR - Q01269701

This patch includes the content of the following superseded patches:

BCM_370.045_IPSEC.71.3704
Q01112914: BCM 3.6 WAN circuit disc. IPsec , VPN session resets.