

Cisco PGW 2200 Softswitch版本9.6及以后的升级补丁程序

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简介

本文描述如何升级Cisco PGW 2200软交换版本9.6与新的软件补丁的及以后版本。

注意： 在更旧的PGW2200版本中，例如版本7.x，升级进程用Sun Solaris pkgadd命令和pkgrm执行。不能发出这些Sun Solaris命令与Cisco PGW 2200软交换版本9.2及以后版本。呼叫‘补丁程序的新脚本做工作，正如本文所描述。

先决条件

要求

Cisco 建议您了解以下主题：

- [Cisco PGW 2200软交换版本9](#)
- [Cisco PGW 2200软交换产品排除故障和警报](#)

- [MGC节点Solaris 8包软件下载\(仅限注册用户\)](#)

新目录在Cisco PGW 2200软交换版本的9.2最初的基本软件安装时创建及以后。目录呼叫/opt/SW。用户预计下载所有从[语音下载\(仅限注册用户\)](#)的新建的补丁程序到此位置。并且，新的shell script程序‘补丁程序’在/opt/SW目录带有标准的安装和安装。

这是前提对于此步骤：

- **注意：**从9.8(1)补丁程序5开始，在升级，请确保TimesTen守护程序运行在活动 and 暂挂Cisco PGW 2200软交换前。如果TimesTen守护程序不运行，请以根权限使用**start命令的/etc/init.d/tt。**
- **注意：**从9.8(1)补丁程序5开始，被建议您使用在活动 and 暂挂Cisco PGW 2200软交换的./backupDb.sh ttbackup.tar为了在升级前备份TimesTen数据库。脚本在/opt/CiscoMGC/local文件夹查找。
- 验证目录/opt/SW是存在活动 and 暂挂PGW2200。
- 验证呼叫‘补丁程序’和‘admin.file的’两个文件是存在目录/opt/SW。
- 下载从[语音下载\(仅限注册用户\)](#)的适当的PGW2200补丁程序到在活动 and 暂挂PGW2200的/opt/SW目录。确保正确的协议，并且系统补丁下载。看一看在这些：[修补组合为9.6\(1\)修补组合为9.7\(3\)修补组合为9.8\(1\)](#)
- 确保decode<version_number>.pl文件从[语音下载\(仅限注册用户\)](#)下载对/opt/SW目录。
- 确保在升级期间，两PGW 2200s不同步他们的配置。为了执行此在两PGW 2200s，请编辑文件/opt/CiscoMGC/etc/XECfgParm.dat并且设置参数pom.datasync对错误。在您执行实际升级前，您必须设置pom.dataSyncto**错误**在活动 and 暂挂对Cisco PGW 2200软交换。如果修改pom.dataSynvariable，请确保您保存文件， /opt/CiscoMGC/etc/XECfgParm.dat。您不必须在此变量的修改以后重新启动Cisco PGW 2200软交换。这保证一个两PGW 2200s保留级的旧的配置和的补丁程序，因此有方式返回，如果某事出错。

使用的组件

本文档中的信息根据Cisco PGW 2200软交换版本9.7(3)。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

规则

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

Cisco PGW 2200补丁程序升级程序

在此步骤的第一步将升级与新的补丁程序的暂挂PGW2200，当您保证活动PGW2200继续运载流量时，直到待机升级对新版本。

1. 发出**rtv-ne命令**在mml为了检查暂挂PGW2200的状态。mml是Cisco PGW 2200软交换的命令行界面。然后请验证当前平台状态是“待机”。

```
mgcusr@PGW2200-2% mml Copyright © 1998-2008, Cisco Systems, Inc. PGW2200-2> rtrv-ne MGC-02 - Media Gateway Controller 2009-05-22 01:47:26.795 EDT M RTRV "Type:MGC" "Hardware platform:sun4u sparc SUNW,UltraAX-i2" "Vendor:"Cisco Systems, Inc."" "Location:MGC-01 - Media Gateway Controller" "Version:"9.7(3)"" "Platform State:STANDBY" PGW2200-2>
```
2. 发出**rtv-alm**s和**rtv-softw**：所有in命令mml，为了检查警报状态和软件状态。如果错误消息在

软件问题没有报告，请继续对步骤3。否则，请设法了解原因为什么报警报告。

- 退出mm1应用程序。您能也关闭PGW2200应用程序。PGW2200-2> `quit` mgcusr@PGW2200% `cd /etc/init.d` mgcusr@PGW2200% `pwd` /etc/init.d mgcusr@PGW2200-2% `exit` login as: root Using keyboard-interactive authentication. Password: Last login: Fri May 22 01:26:17 2009 from 10.1.1.1 Sun Microsystems Inc. SunOS 5.10 Generic January 2005 # `cd /etc/init.d`# `./CiscoMGC stop` Signalling procM to shut down, with the pid = 1940 Sun Microsystems Inc. SunOS 5.10 Generic January 2005 ...shutdown complete #
- 再检查发现在mgcusr的所有进程是否发生故障。发出unix命令`ps -ef`。#`ps -ef | grep mgcusr`
#
- 在您安装新的补丁程序前，请检查哪些补丁程序您要此时安装。在新的命名规则，字符5和6描述数据包内容，并且最后三个位确定补丁程序编号。例如，如果字符是相等的到"012"，这识别包作为补丁程序12。小结：协议包被标记CSCOnnvvv : nn —指示您为您的环境需要的特定协议。vvv —指示版本级补丁程序。补丁程序的示例这些协议包的在此格式出现：CSC030012 - Patch 12 for protocol packages 30
CSC042012 - Patch 12 for protocol packages 42 **注意：**安装仅协议修补您需要。发出unix命令`pkginfo`或`./patch status`命令下面目录`/opt/SW`检查此。**注意：**确保正确的协议，并且系统补丁从这些下载：[补丁程序组合为9.2\(2\)](#)[补丁程序组合为9.3\(2\)](#)[补丁程序组合为9.4\(1\)](#)[补丁程序组合为9.5\(2\)](#)[补丁程序组合为9.6\(1\)](#)[补丁程序组合为9.7\(3\)](#)[补丁程序组合为9.8\(1\)](#)**注意：**参考最新的补丁程序的版本注释并且修补下载URL。
- 对于Cisco PGW 2200软交换版本9.7(3)，请下载补丁程序和脚本从[软件下载梅迪亚网关控制器9.7\(3\) Sparc版本](#)。创建文件夹，例如，s24p24，在`/opt/SW`目录下拿着所有补丁文件。复制所有下载的补丁程序和脚本对`/opt/SW/s24p24`目录。它必须包含这些文件

```
: C090703gs024.SPA
C09070300024.SPA
C09070301024.SPA
C09070302024.SPA
C09070310024.SPA
C09070320024.SPA
C09070330024.SPA
C09070331024.SPA
C09070332024.SPA
C09070333024.SPA
C09070340024.SPA
C09070341024.SPA
C09070342024.SPA
C09070350024.SPA
C09070360024.SPA
C09070370024.SPA
C09070371024.SPA
C09070380024.SPA
decode973sparc.pl
```

`patch973sparc.sh`复制admin.file到您用此命令创建的文件夹：

```
cp /opt/SW/admin.file /opt/SW/s24p24
```

- 在`/opt/SW/s24p24`目录下，请运行`perl decode973sparc.pl`解码编码的包。您能选择到解码希望的包或一次解码所有包。**注意：**例如，如果运行此脚本以数据包名称，它解码已分配包
: e.g. `perl decode973sparc.pl C090703gs024.SPA` e.g. `perl decode981sparc.pl C09080170005.SPA`
注意：如果运行此脚本没有数据包名称在`/opt/SW/s24p24`下，在此目录下的所有包解码。e.g.
`perl decode973sparc.pl` e.g. `perl decode981sparc.pl` 在此目录下的所有包重命名

```
: CSC0gs024.pkg
CSC000024.pkg
CSC001024.pkg
CSC002024.pkg
CSC010024.pkg
CSC020024.pkg
CSC030024.pkg
CSC031024.pkg
```

```
CSC032024.pkg
CSC033024.pkg
CSC040024.pkg
CSC041024.pkg
CSC042024.pkg
CSC050024.pkg
CSC060024.pkg
CSC070024.pkg
CSC071024.pkg
CSC080024.pkg
```

8. 检查补丁程序脚本、admin.file和最近下载的补丁程序在/opt/SW/s24p24目录。在本例中，您从PGW2200软交换补丁程序12升级修补24。

```
mgcusr@PGW2200-2% pwd /opt/SW/s24p24
mgcusr@PGW2200-2% ls -al total 1885378 drwxrwxr-x 2 mgcusr mgcgrp 1024 May 18 02:47 .
drwxr-xr-x 13 root sys 512 Jan 4 2008 .. -rw-rw-r-- 1 mgcusr mgcgrp 93227520 May 15 01:49
CSC000024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 21320192 May 15 02:53 CSC001024.pkg -rw-rw-r-- 1
mgcusr mgcgrp 9137152 May 15 03:05 CSC002024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 49820672 May 15
05:18 CSC010024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 76101632 May 15 03:11 CSC020024.pkg -rw-rw-
r-- 1 mgcusr mgcgrp 61702144 May 15 05:03 CSC030024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 61044224
May 15 05:08 CSC031024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 79120384 May 15 05:13 CSC032024.pkg -
rw-rw-r-- 1 mgcusr mgcgrp 62429184 May 15 05:13 CSC033024.pkg -rw-rw-r-- 1 mgcusr mgcgrp
60942336 May 15 01:50 CSC040024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 69136896 May 15 01:52
CSC041024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 17419776 May 15 02:49 CSC042024.pkg -rw-rw-r-- 1
mgcusr mgcgrp 53905920 May 15 02:54 CSC050024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 31889920 May
15 02:53 CSC060024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 52454912 May 15 02:59 CSC070024.pkg -rw-
rw-r-- 1 mgcusr mgcgrp 47808512 May 15 03:05 CSC071024.pkg -rw-rw-r-- 1 mgcusr mgcgrp
35650048 May 15 03:20 CSC080024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 81433088 May 15 03:29
CSC0gs024.pkg -rwxrwxr-x 1 root sys 205 Feb 16 2000 admin.file -rw-rw-r-- 1 mgcusr mgcgrp
2150 Mar 9 2007 decode973sparc.pl -rw-r--r-- 1 root other 1600 May 18 02:57 logs -rwxrwxr-x
1 root sys 16718 Jul 11 2008 patch973sparc.sh mgcusr@PGW2200-2%
```

```
!--- This is the current patch level. mgcusr@PGW2200-2% pkginfo | grep CSC0 application
CSC000012 Cisco Media Gateway Controller Software core system protocols application
CSC001012 Cisco Media Gateway Controller Software Miscellaneous Protocols application
CSC002012 Cisco Media Gateway Controller Software Miscellaneous Protocols application
CSC010012 Cisco Media Gateway Controller Software SS7 family protocols application
CSC020012 Cisco Media Gateway Controller Software PRI family protocols application
CSC030012 Cisco Media Gateway Controller Software Q761 Version 1 family protocols
application CSC031012 Cisco Media Gateway Controller Software Q761 Version 1 family
protocols application CSC032012 Cisco Media Gateway Controller Software Q761 Version 1
family protocols application CSC033012 Cisco Media Gateway Controller Software Q761 Version
1 Family protocols application CSC040012 Cisco Media Gateway Controller Software Q761
Version 2 Protocol Family application CSC041012 Cisco Media Gateway Controller Software
Q761 Version2 Protocol Family application CSC042012 Cisco Media Gateway Controller Software
Q761 Version2 Protocol Family application CSC050012 Cisco Media Gateway Controller Software
Q761 Version 3 Protocol Family application CSC060012 Cisco Media Gateway Controller
Software Q721 Protocol Family application CSC070012 Cisco Media Gateway Controller Software
Q767 Protocol Family application CSC071012 Cisco Media Gateway Controller Software Q767
Protocol Family application CSC080012 Cisco Media Gateway Controller Software Q931 Protocol
Family application CSC0ga000 Cisco Media Gateway Controller Software Licensing Components
application CSC0ga001 Cisco Media Gateway Controller Software Application application
CSC0ga002 Cisco Media Gateway Controller Software Database Components application CSC0ga003
Cisco Media Gateway Controller Software SNMP Components application CSC0ga004 Cisco Media
Gateway Controller Software Toolkit Applications application CSC0ga005 Cisco Media Gateway
Controller Software Oracle/XML Parser tools application CSC0gc001 Cisco Media Gateway
Controller Software Configuration & Data Migration application CSC0gd004 Cisco Media
Gateway Controller Software SCTP Streams Module application CSC0gs012 Cisco Media Gateway
Controller Software Patch Package application CSC0gt001 Cisco Media Gateway Controller
Software Analyzer/Simulator utilities CSC0gu000 Cisco Media Gateway Controller Software
Common Utilities & Libraries utilities CSC0h020 Media Gateway Controller Security package
compatible with Solaris 10 utilities CSC0h021 Media Gateway Controller Solaris 10 test for
SPARC/Opteron utilities CSC0h022 Media Gateway Controller Solaris 10 Patch Cluster
utilities CSC0h023 Media Gateway Controller Solaris 10 DiskSuite utilities CSC0h026 Media
Gateway Controller PGW Specific Solaris 10 packages
```

9. 重命名脚本patch973sparc.sh修补。mgcusr@PGW2200-2% mv patch973sparc.sh patch

```
mgcusr@PGW2200-2% ls -al total 1885378 drwxrwxr-x 2 mgcusr mgcgrp 1024 May 18 02:47 .
drwxr-xr-x 13 root sys 512 Jan 4 2008 .. -rw-rw-r-- 1 mgcusr mgcgrp 93227520 May 15 01:49
CSCO00024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 21320192 May 15 02:53 CSCO01024.pkg -rw-rw-r-- 1
mgcusr mgcgrp 9137152 May 15 03:05 CSCO02024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 49820672 May 15
05:18 CSCO10024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 76101632 May 15 03:11 CSCO20024.pkg -rw-rw-
r-- 1 mgcusr mgcgrp 61702144 May 15 05:03 CSCO30024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 61044224
May 15 05:08 CSCO31024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 79120384 May 15 05:13 CSCO32024.pkg -
rw-rw-r-- 1 mgcusr mgcgrp 62429184 May 15 05:13 CSCO33024.pkg -rw-rw-r-- 1 mgcusr mgcgrp
60942336 May 15 01:50 CSCO40024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 69136896 May 15 01:52
CSCO41024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 17419776 May 15 02:49 CSCO42024.pkg -rw-rw-r-- 1
mgcusr mgcgrp 53905920 May 15 02:54 CSCO50024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 31889920 May
15 02:53 CSCO60024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 52454912 May 15 02:59 CSCO70024.pkg -rw-
rw-r-- 1 mgcusr mgcgrp 47808512 May 15 03:05 CSCO71024.pkg -rw-rw-r-- 1 mgcusr mgcgrp
35650048 May 15 03:20 CSCO80024.pkg -rw-rw-r-- 1 mgcusr mgcgrp 81433088 May 15 03:29
CSCOgs024.pkg -rwxrwxr-x 1 root sys 205 Feb 16 2000 admin.file -rw-rw-r-- 1 mgcusr mgcgrp
2150 Mar 9 2007 decode973sparc.pl -rw-r--r-- 1 root other 1600 May 18 02:57 logs -rwxrwxr-x
1 root sys 16718 Jul 11 2008 patch mgcusr@PGW2200-2% 对于PGW版本9.8(1)S5P5和以后，请
继续对步骤10。对于所有以前版本，请继续对步骤11。
```

10. 请使用./delete_replication.sh on命令活动和暂挂Cisco PGW 2200软交换为了终止TimesTen复制。脚本在/opt/CiscoMGC/local文件夹查找。

11. 如果没有在步骤9的错误，请从补丁程序的安装开始。发出./patch all命令在/opt/SW/s24p24目录下。您在下面示例能选择安装补丁程序如给：

```
./patch all !--- This will determine the most recent available patch, and automatically
updates the system with that patch.
./patch system 024 !--- This will install the specified system patch
./patch protocol 024 !--- This will install the specified protocol patch
./patch system latest !--- This will install the most recently downloaded system patch.
./patch protocol latest !--- This will install the most recently downloaded protocol
patch.mgcusr@PGW2200-2% cd /opt/SW/s24p24 mgcusr@PGW2200-2% ./patch all User [mgcusr] is
still logged in or has running processes. Processes: 5884 pts/1 0:01 tcsh Please log
[mgcusr] out or kill processes before uninstalling. # 注意：对于补丁程序安装，您需要注
销作为mgcusr和再登陆作为根。mgcusr@PGW2200-2% exit login as: root Using keyboard-
interactive authentication. Password: Last login: Fri May 22 01:26:17 2009 from 10.1.1.1
Sun Microsystems Inc. SunOS 5.10 Generic January 2005# ./patch all The following patches
are about to be removed from your system: CSCO00012 CSCO01012 CSCO02012 CSCO10012
CSCO20012 CSCO30012 CSCO31012 CSCO32012 CSCO33012 CSCO40012 CSCO41012 CSCO42012 CSCO50012
CSCO60012 CSCO70012 CSCO71012 CSCO80012 CSCOgs012 These patch(es) are about to be added to
your system from the local directory: CSCO00024.pkg CSCO01024.pkg CSCO02024.pkg
CSCO10024.pkg CSCO20024.pkg CSCO30024.pkg CSCO31024.pkg CSCO32024.pkg CSCO33024.pkg
CSCO40024.pkg CSCO41024.pkg CSCO42024.pkg CSCO50024.pkg CSCO60024.pkg CSCO70024.pkg
CSCO71024.pkg CSCO80024.pkg CSCOgs024.pkg Are you sure this add/remove scenario is
correct? [y] [y,n,?,q] y Removal of <CSCO00012> was successful. Removal of <CSCO01012> was
successful. Removal of <CSCO02012> was successful. Removal of <CSCO10012> was successful.
Removal of <CSCO20012> was successful. Removal of <CSCO30012> was successful. Removal of
<CSCO31012> was successful. Removal of <CSCO32012> was successful. Removal of <CSCO33012>
was successful. Removal of <CSCO40012> was successful. Removal of <CSCO41012> was
successful. Removal of <CSCO42012> was successful. Removal of <CSCO50012> was successful.
Removal of <CSCO60012> was successful. Removal of <CSCO70012> was successful. Removal of
<CSCO71012> was successful. Removal of <CSCO80012> was successful. Restoring saved
/opt/CiscoMGC/bin/almM Restoring saved /opt/CiscoMGC/bin/amDmpr Restoring saved
/opt/CiscoMGC/bin/ca Restoring saved /opt/CiscoMGC/bin/cdrDmpr Restoring saved
/opt/CiscoMGC/bin/cfgM Restoring saved /opt/CiscoMGC/bin/converter Restoring saved
/opt/CiscoMGC/bin/EISUP Restoring saved /opt/CiscoMGC/bin/engine.no_smartalloc Restoring
saved /opt/CiscoMGC/bin/engine.smartalloc Restoring saved /opt/CiscoMGC/bin/foverd
Restoring saved /opt/CiscoMGC/bin/get_trc.sh Restoring saved /opt/CiscoMGC/bin/ioChanMgr
Restoring saved /opt/CiscoMGC/bin/ISDNIP Restoring saved /opt/CiscoMGC/bin/ISDNL3
Restoring saved /opt/CiscoMGC/bin/IUA Restoring saved /opt/CiscoMGC/bin/LogServerd
Restoring saved /opt/CiscoMGC/bin/M3UA Restoring saved /opt/CiscoMGC/bin/measMgr Restoring
saved /opt/CiscoMGC/bin/MGCP Restoring saved /opt/CiscoMGC/bin/mml Restoring saved
/opt/CiscoMGC/bin/mmsAgt Restoring saved /opt/CiscoMGC/bin/pom Restoring saved
```


/opt/CiscoMGC/bin/procM Restoring saved /opt/CiscoMGC/bin/replicator Restoring saved
/opt/CiscoMGC/bin/sagt Restoring saved /opt/CiscoMGC/bin/sim Restoring saved
/opt/CiscoMGC/bin/simWriter Restoring saved /opt/CiscoMGC/bin/SIP Restoring saved
/opt/CiscoMGC/bin/sp Restoring saved /opt/CiscoMGC/bin/SS7 Restoring saved
/opt/CiscoMGC/bin/SUA Restoring saved /opt/CiscoMGC/bin/TALI Restoring saved
/opt/CiscoMGC/bin/TCAP Restoring saved /opt/CiscoMGC/lib/libcmg.so Restoring saved
/opt/CiscoMGC/lib/libconvutil.so Restoring saved /opt/CiscoMGC/lib/libcxn.so Restoring
saved /opt/CiscoMGC/lib/libda.so Restoring saved /opt/CiscoMGC/lib/libeng.so Restoring
saved /opt/CiscoMGC/lib/libengif.so Restoring saved /opt/CiscoMGC/lib/libhelp.so Restoring
saved /opt/CiscoMGC/lib/libinf.so Restoring saved /opt/CiscoMGC/lib/libpolbase.so
Restoring saved /opt/CiscoMGC/lib/libpolcomp.so Restoring saved
/opt/CiscoMGC/lib/libpolfiles.so Restoring saved /opt/CiscoMGC/lib/libpolnuman.so
Restoring saved /opt/CiscoMGC/lib/libpolroute.so Restoring saved
/opt/CiscoMGC/lib/libpom.so Restoring saved /opt/CiscoMGC/lib/libpxe.so Restoring saved
/opt/CiscoMGC/lib/libpxelog.so Restoring saved /opt/CiscoMGC/lib/librmg.so Restoring saved
/opt/CiscoMGC/lib/librudp.so Restoring saved /opt/CiscoMGC/lib/libsa.so Restoring saved
/opt/CiscoMGC/lib/libxe.so Restoring saved /opt/CiscoMGC/local/config-lib Restoring saved
/opt/CiscoMGC/local/migrateTKGFile Restoring saved /opt/CiscoMGC/etc/alarmCats.dat
Restoring saved /opt/CiscoMGC/etc/extNodeTypes.dat Restoring saved
/opt/CiscoMGC/etc/measCats.dat Restoring saved /opt/CiscoMGC/etc/mmlCommands.dat Restoring
saved /opt/CiscoMGC/etc/propSet.xml.dat Restoring saved /opt/CiscoMGC/etc/propVal.xsd.dat
Restoring saved /opt/CiscoMGC/etc/variant.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/alarmCats.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/extNodeTypes.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/measCats.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/mmlCommands.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/properties.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/propSet.xml.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/propVal.xsd.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/new/variant.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/alarmCats.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/extNodeTypes.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/measCats.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/mmlCommands.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/propSet.xml.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/propVal.xsd.dat Restoring saved
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/variant.dat Restoring saved
/opt/CiscoMGC/etc/migrate/migrate_9.3001_9.4001 Restoring saved
/opt/CiscoMGC/etc/migrate/migrate_cpp_4_5 Restoring saved
/opt/CiscoMGC/etc/migrate/migrate_cpp_5_6 Restoring saved
/opt/CiscoMGC/.sw_config/mmlCommands.xml Backing out new file /opt/CiscoMGC/local/config-
snmp Restoring saved /opt/Toolkit/bytecode/cdr/EntryLimit.tbc Restoring saved
/opt/Toolkit/bytecode/cdr/File.tbc Restoring saved /opt/Toolkit/bytecode/cdr/position.dat
Restoring saved /opt/Toolkit/bytecode/cdr/presentation.dat Restoring saved
/opt/Toolkit/bytecode/cdr/search.tbc Restoring saved
/opt/Toolkit/bytecode/toolbar/Toolbar.tbc Restoring saved
/opt/Toolkit/bytecode/am/EntryLimit.tbc Restoring saved
/opt/Toolkit/bytecode/XECfg/XECfgParm.tbc Removal of <CSC0gs012> was successful.
Uncompressing ASP_NotRealProtocol.mdo Uncompressing ASP_NotRealProtocol.so Uncompressing
CALLVER.mdo Uncompressing CALLVER.so Uncompressing CALLVER_GENERIC_ANALYSIS.mdo
Uncompressing CALLVER_GENERIC_ANALYSIS.so Uncompressing CALLVER_LCM.mdo Uncompressing
CDR_MAN.mdo Uncompressing CDR_MAN.so Uncompressing CONNECTION_PLANE_MANAGER.mdo
Uncompressing CONNECTION_PLANE_MANAGER.so Uncompressing EISUP.mdo Uncompressing EISUP.so
Uncompressing EISUP_96VER.mdo Uncompressing EISUP_96VER.so Uncompressing
ETS_300_172_SLAVE.mdo Uncompressing ETS_300_172_SLAVE.so Uncompressing
GENERIC_ANALYSIS.mdo Uncompressing GENERIC_ANALYSIS.so Uncompressing IN_TRIGGER.mdo
Uncompressing IN_TRIGGER.so Uncompressing LEG_CONTROLLER.mdo Uncompressing
LEG_CONTROLLER.so Uncompressing LEG_CONTROLLER_H248V2.mdo Uncompressing
LEG_CONTROLLER_H248V2.so Uncompressing LEG_CONTROLLER_MGCP.mdo Uncompressing
LEG_CONTROLLER_MGCP.so Uncompressing cc.mdo Uncompressing cc.so Uncompressing dummy.mdo
Uncompressing dummy.so Uncompressing lcm.mdo Uncompressing lcm.so Installation of
<CSC000024> was successful. Uncompressing BTNUP_BTN167.mdo Uncompressing BTNUP_BTN167.so
Uncompressing BTNUP_IUP.mdo Uncompressing BTNUP_IUP.so Uncompressing DPNSS_BTN188.mdo
Uncompressing DPNSS_BTN188.so Uncompressing QBE.mdo Uncompressing QBE.so Installation of

<CSC001024> was successful. Uncompressing IETF_SIP.mdo Uncompressing IETF_SIP.so Installation of <CSC002024> was successful. Uncompressing ANSISS7_2K.mdo Uncompressing ANSISS7_2K.so Uncompressing ANSISS7_92.mdo Uncompressing ANSISS7_92.so Uncompressing ANSISS7_C2.mdo Uncompressing ANSISS7_C2.so Uncompressing ANSISS7_C3.mdo Uncompressing ANSISS7_C3.so Uncompressing ANSISS7_E1.mdo Uncompressing ANSISS7_E1.so Uncompressing ANSISS7_STANDARD.mdo Uncompressing ANSISS7_STANDARD.so Uncompressing GR317.mdo Uncompressing GR317.so Installation of <CSC010024> was successful. Uncompressing ATT_41459.mdo Uncompressing ATT_41459.so Uncompressing ATT_41459_C2.mdo Uncompressing ATT_41459_C2.so Uncompressing BELL_1268.mdo Uncompressing BELL_1268.so Uncompressing BELL_1268_C2.mdo Uncompressing BELL_1268_C2.so Uncompressing ETS_300_102.mdo Uncompressing ETS_300_102.so Uncompressing ETS_300_102_C2.mdo Uncompressing ETS_300_102_C2.so Uncompressing ETS_300_172.mdo Uncompressing ETS_300_172.so Installation of <CSC020024> was successful. Uncompressing ETS_300_121.mdo Uncompressing ETS_300_121.so Uncompressing ETS_300_356.mdo Uncompressing ETS_300_356.so Uncompressing HONGKONG.mdo Uncompressing HONGKONG.so Uncompressing ISUPV1_POLI.mdo Uncompressing ISUPV1_POLI.so Uncompressing Q761_ARGENTINA.mdo Uncompressing Q761_ARGENTINA.so Uncompressing Q761_ARGENTINA_C2.mdo Uncompressing Q761_ARGENTINA_C2.so Uncompressing Q761_AUSTRAL.mdo Uncompressing Q761_AUSTRAL.so Uncompressing Q761_AUSTRAL_C2.mdo Uncompressing Q761_AUSTRAL_C2.so Installation of <CSC030024> was successful. Uncompressing Q761_BASE.mdo Uncompressing Q761_BASE.so Uncompressing Q761_BELG.mdo Uncompressing Q761_BELG.so Uncompressing Q761_BELG_97VER.mdo Uncompressing Q761_BELG_97VER.so Uncompressing Q761_CHILE.mdo Uncompressing Q761_CHILE.so Uncompressing Q761_CHINA.mdo Uncompressing Q761_CHINA.so Uncompressing Q761_CHINA_C2.mdo Uncompressing Q761_CHINA_C2.so Uncompressing Q761_DANISH.mdo Uncompressing Q761_DANISH.so Installation of <CSC031024> was successful. Uncompressing Q761_97VER_BASE.mdo Uncompressing Q761_97VER_BASE.so Uncompressing Q761_97VER_RUSS.mdo Uncompressing Q761_97VER_RUSS.so Uncompressing Q761_97VER_RUSS_C2.mdo Uncompressing Q761_97VER_RUSS_C2.so Uncompressing Q761_GERMAN.mdo Uncompressing Q761_GERMAN.so Uncompressing Q761_INDIA.mdo Uncompressing Q761_INDIA.so Uncompressing Q761_KOREAN.mdo Uncompressing Q761_KOREAN.so Uncompressing Q761_NEWZEALAND.mdo Uncompressing Q761_NEWZEALAND.so Uncompressing Q761_PERU.mdo Uncompressing Q761_PERU.so Uncompressing Q761_PORTUGAL.mdo Uncompressing Q761_PORTUGAL.so Installation of <CSC032024> was successful. Uncompressing Q761_99VER_AUSTRAL_C3.mdo Uncompressing Q761_99VER_AUSTRAL_C3.so Uncompressing Q761_99VER_BASE.mdo Uncompressing Q761_99VER_BASE.so Uncompressing Q761_MALAYSIAN.mdo Uncompressing Q761_MALAYSIAN.so Uncompressing Q761_SINGAPORE.mdo Uncompressing Q761_SINGAPORE.so Uncompressing Q761_SINGAPORE_C2.mdo Uncompressing Q761_SINGAPORE_C2.so Uncompressing Q761_TAIWAN.mdo Uncompressing Q761_TAIWAN.so Uncompressing Q761_THAILAND.mdo Uncompressing Q761_THAILAND.so Installation of <CSC033024> was successful. Uncompressing ISUPV2_AUSTRIAN.mdo Uncompressing ISUPV2_AUSTRIAN.so Uncompressing ISUPV2_CZECH.mdo Uncompressing ISUPV2_CZECH.so Uncompressing ISUPV2_DUTCH.mdo Uncompressing ISUPV2_DUTCH.so Uncompressing ISUPV2_FINNISH96.mdo Uncompressing ISUPV2_FINNISH96.so Uncompressing ISUPV2_FRENCH.mdo Uncompressing ISUPV2_FRENCH.so Uncompressing ISUPV2_GERMAN.mdo Uncompressing ISUPV2_GERMAN.so Uncompressing ISUPV2_ISRAEL.mdo Uncompressing ISUPV2_ISRAEL.so Installation of <CSC040024> was successful. Uncompressing ISUPV2_JAPAN.mdo Uncompressing ISUPV2_JAPAN.so Uncompressing ISUPV2_JAPAN_C2.mdo Uncompressing ISUPV2_JAPAN_C2.so Uncompressing ISUPV2_NORWEGIAN.mdo Uncompressing ISUPV2_NORWEGIAN.so Uncompressing ISUPV2_POLISH.mdo Uncompressing ISUPV2_POLISH.so Uncompressing ISUPV2_SPANISH.mdo Uncompressing ISUPV2_SPANISH.so Uncompressing ISUPV2_SPANISH_C2.mdo Uncompressing ISUPV2_SPANISH_C2.so Uncompressing ISUPV2_SWISS.mdo Uncompressing ISUPV2_SWISS.so Uncompressing ISUPV2_SWISS_C2.mdo Uncompressing ISUPV2_SWISS_C2.so Installation of <CSC041024> was successful. Uncompressing ISUPV2_AUSTRIAN_C2.mdo Uncompressing ISUPV2_AUSTRIAN_C2.so Uncompressing ISUPV2_VIETNAM.mdo Uncompressing ISUPV2_VIETNAM.so Installation of <CSC042024> was successful. Uncompressing ISUPV3.mdo Uncompressing ISUPV3.so Uncompressing ISUPV3_FRENCH.mdo Uncompressing ISUPV3_FRENCH.so Uncompressing ISUPV3_UK.mdo Uncompressing ISUPV3_UK.so Uncompressing ISUPV3_UK_C2.mdo Uncompressing ISUPV3_UK_C2.so Uncompressing ISUPV3_UK_C3.mdo Uncompressing ISUPV3_UK_C3.so Uncompressing ISUPV3_UK_C4.mdo Uncompressing ISUPV3_UK_C4.so Installation of <CSC050024> was successful. Uncompressing Q721_BASE.mdo Uncompressing Q721_BASE.so Uncompressing Q721_BRAZILIAN.mdo Uncompressing Q721_BRAZILIAN.so Uncompressing Q721_BRAZILIAN_C2.mdo Uncompressing Q721_BRAZILIAN_C2.so Uncompressing Q721_CHINA.mdo Uncompressing Q721_CHINA.so Uncompressing Q721_FRENCH.mdo Uncompressing Q721_FRENCH.so Uncompressing Q721_PHILLIPINE.mdo Uncompressing Q721_PHILLIPINE.so Installation of <CSC060024> was successful. Uncompressing Q767_AUSTRALIA.mdo Uncompressing Q767_AUSTRALIA.so Uncompressing Q767_BASE.mdo Uncompressing Q767_BASE.so Uncompressing Q767_BRAZIL.mdo Uncompressing

Q767_BRAZIL.so Uncompressing Q767_BRAZIL_C2.mdo Uncompressing Q767_BRAZIL_C2.so
Uncompressing Q767_COLOMBIA.mdo Uncompressing Q767_COLOMBIA.so Uncompressing
Q767_GUATEMALA.mdo Uncompressing Q767_GUATEMALA.so Uncompressing Q767_INDONESIA.mdo
Uncompressing Q767_INDONESIA.so Uncompressing Q767_ITAL.mdo Uncompressing Q767_ITAL.so
Uncompressing Q767_ITAL_C2.mdo Uncompressing Q767_ITAL_C2.so Installation of <CSCO70024>
was successful. Uncompressing Q767_MEXICAN.mdo Uncompressing Q767_MEXICAN.so Uncompressing
Q767_NIGERIAN.mdo Uncompressing Q767_NIGERIAN.so Uncompressing Q767_RUSS.mdo Uncompressing
Q767_RUSS.so Uncompressing Q767_RUSS_C2.mdo Uncompressing Q767_RUSS_C2.so Uncompressing
Q767_SINGAPORE.mdo Uncompressing Q767_SINGAPORE.so Uncompressing Q767_SPAN.mdo
Uncompressing Q767_SPAN.so Uncompressing Q767_SWED.mdo Uncompressing Q767_SWED.so
Uncompressing Q767_TURKISH.mdo Uncompressing Q767_TURKISH.so Installation of <CSCO71024>
was successful. Uncompressing Q931.mdo Uncompressing Q931.so Uncompressing
Q931_AUSTRALIA.mdo Uncompressing Q931_AUSTRALIA.so Uncompressing Q931_SINGAPORE.mdo
Uncompressing Q931_SINGAPORE.so Installation of <CSCO80024> was successful. Uncompressing
EISUP Uncompressing ISDNIP Uncompressing ISDNL3 Uncompressing IUA Uncompressing LogServerd
Uncompressing M3UA Uncompressing MGCP Uncompressing SIP Uncompressing SS7 Uncompressing
SUA Uncompressing TALI Uncompressing TCAP Uncompressing almM Uncompressing amDmpr
Installing ca Uncompressing cdrDmpr Uncompressing cfgM Uncompressing converter Installing
engine.no_smartalloc Installing engine.smartalloc Uncompressing foverd Installing
get_trc.sh Uncompressing ioChanMgr Uncompressing measMgr Uncompressing mmSAgt
Uncompressing mml Uncompressing pom Uncompressing procM Uncompressing replicator
Uncompressing sagt Installing sim Installing simWriter Installing sp Installing
alarmCats.dat Installing extNodeTypes.dat Installing measCats.dat Installing
mmlCommands.dat Installing propSet.xml.dat Installing propVal.xsd.dat Installing
variant.dat Installing alarmCats.dat Installing extNodeTypes.dat Installing measCats.dat
Installing mmlCommands.dat Installing propSet.xml.dat Installing propVal.xsd.dat
Installing properties.dat Installing variant.dat Installing alarmCats.dat Installing
extNodeTypes.dat Installing measCats.dat Installing migrate_cpp_4_5 Installing
migrate_cpp_5_6 Installing mmlCommands.dat Installing propSet.xml.dat Installing
propVal.xsd.dat Installing variant.dat Installing libcmg.so Installing libconvutil.so
Installing libcxn.so Installing libda.so Installing libeng.so Installing libengif.so
Installing libhelp.so Installing libinf.so Installing libpolbase.so Installing
libpolcomp.so Installing libpolfiles.so Installing libpolnuman.so Installing
libpolroute.so Uncompressing libpom.so Uncompressing libpxe.so Uncompressing libpxelog.so
Installing librmg.so Uncompressing librudp.so Installing libsa.so Uncompressing libxe.so
Installing libexpect5.32.so Updating parameters for CiscoMGC Updating parameters for
mmlCommands.xml Updating parameters for migrate_9.3001_9.4001 Updating parameters for
.dump-prov Updating parameters for .master.cks Updating parameters for config-lib Updating
parameters for config-snmp Updating parameters for delete_replication.sh Updating
parameters for migrateTKGFile Updating /opt/CiscoMGC/bin/almM Updating
/opt/CiscoMGC/bin/amDmpr Updating /opt/CiscoMGC/bin/ca Updating /opt/CiscoMGC/bin/cdrDmpr
Updating /opt/CiscoMGC/bin/cfgM Updating /opt/CiscoMGC/bin/converter Updating
/opt/CiscoMGC/bin/EISUP Updating /opt/CiscoMGC/bin/engine.no_smartalloc Updating
/opt/CiscoMGC/bin/engine.smartalloc Updating /opt/CiscoMGC/bin/foverd Updating
/opt/CiscoMGC/bin/get_trc.sh Updating /opt/CiscoMGC/bin/ioChanMgr Updating
/opt/CiscoMGC/bin/ISDNIP Updating /opt/CiscoMGC/bin/ISDNL3 Updating /opt/CiscoMGC/bin/IUA
Updating /opt/CiscoMGC/bin/LogServerd Updating /opt/CiscoMGC/bin/M3UA Updating
/opt/CiscoMGC/bin/measMgr Updating /opt/CiscoMGC/bin/MGCP Updating /opt/CiscoMGC/bin/mml
Updating /opt/CiscoMGC/bin/mmSAgt Updating /opt/CiscoMGC/bin/pom Updating
/opt/CiscoMGC/bin/procM Updating /opt/CiscoMGC/bin/replicator Updating
/opt/CiscoMGC/bin/sagt Updating /opt/CiscoMGC/bin/sim Updating /opt/CiscoMGC/bin/simWriter
Updating /opt/CiscoMGC/bin/SIP Updating /opt/CiscoMGC/bin/sp Updating
/opt/CiscoMGC/bin/SS7 Updating /opt/CiscoMGC/bin/SUA Updating /opt/CiscoMGC/bin/TALI
Updating /opt/CiscoMGC/bin/TCAP Updating /opt/CiscoMGC/etc/alarmCats.dat Updating
/opt/CiscoMGC/etc/extNodeTypes.dat Updating /opt/CiscoMGC/etc/measCats.dat Updating
/opt/CiscoMGC/etc/mmlCommands.dat Updating /opt/CiscoMGC/etc/propSet.xml.dat Updating
/opt/CiscoMGC/etc/propVal.xsd.dat Updating /opt/CiscoMGC/etc/variant.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/alarmCats.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/extNodeTypes.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/measCats.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/mmlCommands.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/properties.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/propSet.xml.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/new/propVal.xsd.dat Updating


```

/opt/CiscoMGC/etc/CONFIG_LIB/new/variant.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/alarmCats.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/extNodeTypes.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/measCats.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/mmlCommands.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/propSet.xml.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/propVal.xsd.dat Updating
/opt/CiscoMGC/etc/CONFIG_LIB/CFG_sgp2/variant.dat Updating
/opt/CiscoMGC/etc/migrate/migrate_9.3001_9.4001 Updating
/opt/CiscoMGC/etc/migrate/migrate_cpp_4_5 Updating
/opt/CiscoMGC/etc/migrate/migrate_cpp_5_6 Updating /opt/CiscoMGC/lib/libcmg.so Updating
/opt/CiscoMGC/lib/libconvutil.so Updating /opt/CiscoMGC/lib/libcxn.so Updating
/opt/CiscoMGC/lib/libda.so Updating /opt/CiscoMGC/lib/libeng.so Updating
/opt/CiscoMGC/lib/libengif.so Updating /opt/CiscoMGC/lib/libhelp.so Updating
/opt/CiscoMGC/lib/libinf.so Updating /opt/CiscoMGC/lib/libpolbase.so Updating
/opt/CiscoMGC/lib/libpolcomp.so Updating /opt/CiscoMGC/lib/libpolfiles.so Updating
/opt/CiscoMGC/lib/libpolnuman.so Updating /opt/CiscoMGC/lib/libpolroute.so Updating
/opt/CiscoMGC/lib/libpom.so Updating /opt/CiscoMGC/lib/libpxe.so Updating
/opt/CiscoMGC/lib/libpxelog.so Updating /opt/CiscoMGC/lib/librmg.so Updating
/opt/CiscoMGC/lib/librudp.so Updating /opt/CiscoMGC/lib/libsa.so Updating
/opt/CiscoMGC/lib/libxe.so Updating /opt/CiscoMGC/local/config-lib Updating
/opt/CiscoMGC/local/config-snmp Updating /opt/CiscoMGC/local/delete_replication.sh
Updating /opt/CiscoMGC/local/migrateTKGFile Updating /opt/CiscoMGC/snmp/measurement.my
Updating /opt/CiscoMGC/snmp/snmpinfo.dat Updating /opt/CiscoMGC/.sw_config/mmlCommands.xml
Updating /opt/Toolkit/bytecode/cdr/EntryLimit.tbc Updating
/opt/Toolkit/bytecode/cdr/File.tbc Updating /opt/Toolkit/bytecode/cdr/position.dat
Updating /opt/Toolkit/bytecode/cdr/presentation.dat Updating
/opt/Toolkit/bytecode/cdr/search.tbc Updating /opt/Toolkit/bytecode/toolbar/Toolbar.tbc
Updating /opt/Toolkit/bytecode/log/EntryLimit.tbc Updating
/opt/Toolkit/bytecode/log/File.tbc Updating /opt/Toolkit/bytecode/am/AlarmView.tbc
Updating /opt/Toolkit/bytecode/am/EntryLimit.tbc Updating
/opt/Toolkit/bytecode/tv/EntryLimit.tbc Updating /opt/Toolkit/bytecode/XECfg/XECfgParm.tbc
Update proc-setid core flag. Done. Installation of <CSC0gs024> was successful #

```

12. 在所有补丁程序以后成功的安装，请重新启动PGW2200软交换应用程序并且检查确保，所有进程正确地是正在运行的。#

```

# cd /etc/init.d # ./CiscoMGC start Application started # # ps -ef | grep mgcusr root 1967
16890 0 06:02:30 pts/1 0:00 grep mgcusr mgcusr 1961 1940 1 06:02:11 ? 0:00 ./bin/mmdbd -X
30007 mgcusr 1944 1940 1 06:02:03 ? 0:00 ./bin/cdrDmpr -X 30005 mgcusr 1951 1940 1
06:02:06 ? 0:00 ./bin/replicator -X 3000d -C ./etc/XECfgParm.dat -t mgcusr 1963 1940 1
06:02:12 ? 0:01 ./bin/TCAP -X 30010 mgcusr 1947 1940 1 06:02:04 ? 0:01 ./bin/pom -X
30008 mgcusr 1948 1940 1 06:02:04 ? 0:00 ./bin/diskmonitor -X 30006 mgcusr 1950 1940 3
06:02:06 ? 0:02 ./bin/engine -X 3000e mgcusr 1946 1940 1 06:02:04 ? 0:00 ./bin/measMgr -
X 30003 mgcusr 1940 1 1 06:01:58 ? 0:00 procM mgcusr 1945 1940 1 06:02:03 ? 0:00
./bin/cfgM -X 30001 mgcusr 1931 1 0 06:01:57 ? 0:00 ./bin/LogServerd -d mgcusr 1943 1940
1 06:02:03 ? 0:00 ./bin/amDmpr -X 30004 # exit

```

13. 请使用mml命令为了检查PGW2200软交换备用状态。注意：在您重新启动PGW2200软交换后，状态可以是OOS至两三分钟。另一方面，但是对待机的状态变化。如果这不是实际情形，请设法用mml命令检查系统。您能发出rtrv-softw：例如所有和rtrv-alm命令。

```

mgcusr@PGW2200-2% mml Copyright © 1998-2008, Cisco Systems, Inc. PGW2200-2 mml> rtrv-ne ;
MGC-02 - Media Gateway Controller 2009-05-22 02:17:58.091 EDT M RTRV "Type:MGC" "Hardware
platform:sun4u sparcsun4u,UltraAX-i2" "Vendor:"Cisco Systems, Inc."" "Location:MGC-02 -
Media Gateway Controller" "Version:"9.7(3)"" "Platform State:STANDBY" PGW2200-2 mml>

```

14. 检查软件和警报状态：PGW2200-2 mml> rtrv-softw:all MGC-02 - Media Gateway Controller 2009-05-22 02:19:14.006 EDT M RTRV "CFM-01:RUNNING STANDBY" "ALM-01:RUNNING STANDBY" "MM-01:RUNNING STANDBY" "AMDMPR-01:RUNNING STANDBY" "CDRDMPR-01:RUNNING STANDBY" "DSKM-01:RUNNING IN N/A STATE" "MMDB-01:RUNNING IN N/A STATE" "POM-01:RUNNING STANDBY" "MEASAGT:RUNNING STANDBY" "OPERSAGT:RUNNING STANDBY" "mgcp-1:RUNNING IN N/A STATE" "Replic-01:RUNNING STANDBY" "ENG-01:RUNNING STANDBY" "IOCM-01:RUNNING STANDBY" "TCAP-01:RUNNING IN N/A STATE" "m3ua-1:RUNNING IN N/A STATE" "FOD-01:RUNNING IN N/A STATE PGW2200-2 mml> rtrv-alm PGW2200-2 mml> quit mgcusr@PGW2200%

15. 在其他问题的情况下，请检查在/opt/CiscoMGC/var/log/platform.log文件的消息。如果不能解

决问题，开有[Cisco技术支持中心\(TAC\)](#)的一个Case和包含升级补丁程序进程的捕获文件，与platform.log信息的组合。**注意：**请勿升级有新的补丁程序级别的活动系统，直到分析了问题。如果一切是所有权利，请继续对步骤16。

16. 再次表演同一进程当前活跃的PGW2200软交换的。第一换成活动PGW备用状态：PGW2200-1
mm1> **rtrv-ne** MGC-02 - Media Gateway Controller 2009-05-22 02:17:58.091 EDT M RTRV
"Type:MGC" "Hardware platform:sun4u sparc SUNW,UltraAX-i2" "Vendor:"Cisco Systems, Inc."
"Location:MGC-02 - Media Gateway Controller" "Version:"9.7(3)" "Platform State:ACTIVE" ;
PGW2200-1> PGW2200-1> **sw-over::confirm** MGC-02 - Media Gateway Controller 2004-01-28
09:56:56.883 GMT M COMPLD "Proc Mgr" ; PGW2200-1 mm1> *!--- Note: The system comes into OOS
!--- status for some time until the system comes to the final !--- Standby status. Do a
rtrv-ne several times !--- in order to find out the final status. If the status still
remains !--- in OOS, check the PGW 2200 alarm status !--- with rtrv-arms.* PGW2200-1 mm1>
rtrv-ne MGC-02 - Media Gateway Controller 2009-05-22 02:17:58.091 EDT M RTRV "Type:MGC"
"Hardware platform:sun4u sparc SUNW,UltraAX-i2" "Vendor:"Cisco Systems, Inc."
"Location:MGC-02 - Media Gateway Controller" "Version:"9.7(3)" "Platform State:STANDBY"
PGW2200-1 mm1> **注意：**如果此系统在激活模式，检查PGW2200-2。
17. 如果系统在备用模式，再请去step1并且升级与新的补丁程序的PGW 2200-1。对于PGW版本9.8(1)S5P5和以后，请继续对步骤18。对于所有以前版本，请继续对步骤19。
18. 开始在活动和暂挂对的TimesTen复制Cisco PGW 2200软交换。参考[Cisco PGW 2200软交换版本9.8软件安装和配置指南的正在初始化的数据库复制](#)部分欲知更多信息和说明关于如何开始复制。
19. 在两PGW2200软交换升级后，请编辑在两PGW2200软交换的/opt/CiscoMGC/etc/XECfgParm.dat文件并且设置参数pom.datasync为truein顺序恢复配置同步。

相关信息

- [排除故障Cisco PGW 2200软交换的TechNotes](#)
- [配置示例和TechNotes Cisco PGW 2200软交换的](#)
- [语音技术支持](#)
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