

G06.26 README

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This README (SUT) file contains information that was not available at the time manuals, softdocs, and other release materials were produced. This file contains only information pertinent to the G06.26 Release Version Update (RVU).

See the online NonStop Technical Library (NTL) support collection for the latest version of the README file.

 G06.26 README file

o Backup/Restore (T9074)

Solution 10-050308-5394

After a new disk is added to the system and not started, an SCF VOLUMEMODE RESTORE command issued on the disk results in the disk being renamed \$0 after the restore operation finishes. This makes the disk unusable.

Recovery

Use the SCF RENAME \$logicaldevicenumber, \$diskname command to rename the disk. Then, start the disk using the SCF START DISK \$diskname command.

Workaround

After a new disk is added to the system, start the disk using the SCF START DISK \$diskname command. Then, stop the disk using the SCF STOP DISK \$diskname command followed by an SCF VOLUMEMODE RESTORE command on the disk.

o DP2 (T9053)

Solution 10-050107-3369

A %5100 CPU halt will result When recovering from an online dump using the MAP Names option to a different file that already exists with different attributes (e.g., RECOVER FILES file1, FROMARCHIVE, MAP NAMES file2), when file2 already exists with different attributes (record length) from file1.

Recovery

Reload the CPUs. Purge the file given in the MAP NAMES option that exists with different attributes from the original file.

Workaround

None.

- o FUP (T6553)

Solution 10-041123-2122

FUP displays TYPE 0, LENGTH 0 for the primary key columns of a SQLMX table. These values are default values since such information is not stored in the object label.

Recovery

None.

Workaround

The information can be obtained from the SQLMX Metadata using the column number of the primary key columns.

- o INSPECT (T9673)

Solution 10-031031-0977

When attempting to open a number of large SAVEABEND files using the ADD PROGRAM capability, INSPECT may abend trying to load the second or third SAVEABEND file. A stack trace is produced.

Recovery

Close and exit INSPECT and restart the debugging session.

Workaround

Analyze one SAVEABEND file at a time.

- o Labeled Tape (T6958)

Solution 10-050112-0220

To avoid all tapes in a rack be unloaded automatically, resulting in a pending mount request, a multi-tape OSS backup command must be issued in such a way that it starts within a tape that already has a tape file. An Append capable pool should be used and a single tape OSS backup job should follow.

Recovery

None.

Workaround

Use tapes with a status of "SCRATCH" instead of as "ASSIGNED."

- o Mediacom (T6027)

Solution 10-040919-9925

Under the following conditions:

1. There is no local VOLCAT in the system.
2. Either there are no local FILECATs or the version of all local FILECATs are recognized.

The MEDIACOM ALTER MEDIADB, LONGNAME command results in

```
**ERROR-6007** Call to MEDIADBM failed with file system error 201.
```

Also, generate three save abend files may be generated.

Recovery

None. However, Ignore the error message. The command will have successfully completed even though it generates this error.

Workaround

None.

o Measure (T9086)

Solution 10-040810-8690

The Measfsh process will abend with Trap %2 if primary and secondary extents are specified as 1024 or greater.

Recovery

None.

Workaround

Start a measurement with primary and secondary extents of less than 1024.

o NSK (T9050)

Solution 10-030805-8485

When a code breakpoint and memory access breakpoint (MAB) are placed at the same address during a debug session, the session will hang after it is resumed. The TACL STOP command will not stop the process.

Recovery

None.

Workaround

Avoid setting MAB and code breakpoint at the same address.

o NSKCOM (T5838)

Solution 10-050317-5699

If a specified scratch volume is a JBOD/ESS disk, the disk process causes the CPU to go to 100% busy when building SRL ZCLIPREL with NLD. It stays in this loop indefinitely.

Recovery

None.

Workaround

Do not use a JBOD/ESS disk as a SCRATCH volume for a DSMSCM build.

o ONC RCP (T9566)

Solution 10-050223-4897

The RPC server abends when registering with PORTMAPPER if Logical Network Partitions (LNPs) are configured on IPv6.

Recovery

Restart the server on a different transport provider where LNPs are not configured.

Workaround

None.

- o OSM Service Connection Suite (T0682)

Solution 10-050304-5301

No alarm is generated on the external disk for incorrectly configured SNDAs; for example, an external disk configured through SNDA adapters that have been configured on X-fabric (Slots 51 & 53) or Y-fabric (Slots 52 & 54).

Recovery

None.

Workaround

Insert the SNDA adapters such that primary and backup controllers are on different ServerNet fabrics (X and Y).

- o OSS NFS (T9628)

Solution 10-040728-8278

When an SCF NFS start server command is issued for a particular NFS server, whose corresponding fileset is not in the STARTED state, the following error is observed:

```
"NFS E-00012 Maximum Limit Exceeded: OLFC2 for "
```

Recovery

1. Start the respective filesets for the desired NFS server.
2. Bring down the NFS subsystem.
3. Re-start the NFS subsystem.

Workaround

None.

- o Safeguard (T9750)

Solution 10-041116-1788

Under the following conditions:

1. An object is added to Safeguard protection with the Access Control List (ACL) that grants secondary ownership to a node specific user.
2. The Node specific user tries to alter the ACL from the specific node.

Objects having ACLs that grant secondary ownership to a user from a specific node, cannot be managed by that user through SAFECOM from the specified node. The following error message occurs:

```
*ERROR* RECORD FOR DISKFILE filename: SECURITY VIOLATION
```

Recovery

None.

Workaround

None.

- o SMLOGVOL (T8472)

Solution 10-050301-5145

Under the following circumstances:

1. VDP catalog files are dumped and the VDP is deleted
2. A VDP with the same name is created and the catalog files are recovered

only the ANT catalog location is updated when using the SMFIXUP USECATALOG command. A %4072 CPU halt will occur when starting the VDP in noisy mode.

Recovery

Reload the halted CPU.

Workaround

Do a TMFCOM RECOVERY of all the VDP catalog files. If only the ANT catalog file is to be recovered, do a RECOVERY of the PENDOPS file along with the ANT file and use SMFIXUP USECATALOG command for those catalog files.

Alternatively, start the VDP in quiet mode.

o SMMASTR (T8465)

Solution 10-050309-5442

An error 5214 may occur and Event 5214 EMS messages may also be reported when adding more than 700 VDPs using SCF.

Recovery

1. Restart the master process (\$ZSMS).
 2. After restarting, you can add more VDPs.
- Note that during the time period that \$ZSMS is stopped and restarted, VDPs already created will not be accessible.

Workaround

None.

o SNAX/XF (T9064)

Solution 10-050113-3540

Under the following circumstances in a SNAX/APN LEN node configuration, the backup SNAX Line Handler process will trigger a self-asserted halt with code %47277:

1. SNAX/APN LEN node configuration is used to connect to an IBM machine.
2. A TLOG-ILOG session has been established.
3. The Creator process which has been configured to the SNAX subsystem has not been started.
4. A LOGON request is received from the remote IBM machine.
5. SCF STOP and DELETE commands are executed over the LU, whose SNANAME matches to the SNANAME received in the LOGON request.
6. The above deleted LU is readded to the SNAX subsystem using an SCF ADD LU command.

Recovery

Bring up the processor over which the backup SNAX Line Handler was running, and reconfigure the LU using SCF commands.

Workaround

None.

- o SQL/MP for TNS/R C (T0252)

Solution 10-040409-4920

In an OSS environment, compilation of C programs embedded with SQL statements might terminate abruptly. See the following:

```
/tmp: /usr/bin/c89 -Wsql -o testa001.exe testa001.c
Compilation terminated.
c89: /usr/lib/sqlcfe exited, returning 4.
```

If the program source is compiled with the listing option, the listing file produced will have the following error

```
50. 0 0 exec sql include sqlca;
***SCI - Internal Logic Error Detected
***Please report this error to Tandem Computers, Inc.
-- Invalid File Ordinal
```

This defect indicates a possible issue in the correctness of the default volume specified/set.

Recovery
None.

Workaround
Modify the default volume to the correct one, using add_define;
for example,

```
$ add_define =_DEFAULTS class=defaults volume=\$qa201.tmp)
```

and recompile the source program.

- o Standard Millicode (T7891)

Solution 10-050118-3709

In S88K type processors, incorrect values in the Accel-busy-time field may be observed when measuring CPU performance using the Measure tool.

Recovery
None.

Workaround
None.

- o TAPEPROCESS (T0021)

Solution 10-050301-5116

If the CPU on which the IOP is running is very busy; for example, tape process retries for a long time (10 retries) when it encounters a SNDA/controller error, may result in the failure of any SCF command with the error message, STORAGE E00045 I/O process is busy.

Recovery
Power cycle the tape drive.

Workaround
None.

- o TCP/IP TELSRV (T9553)

Solution 10-040630-7472

Under the following conditions, TELSERV may display garbled characters:

1. TELSERV is running on a Conventional TCP/IP stack.
2. A terminal is opened in Tandem emulation mode.
3. On the same terminal, a static window is configured through SCF for the TELSERV process with the CALLER6 attribute.

Recovery

Switch the terminal from Tandem emulation to VT100 and back to Tandem emulation.

Workaround

None.

Solution 10-031009-0267

If the underlying transport agent (TCPSAM) is brought down while TELSRV has at least one TELNET session established through the transport agent, the TELSRV process will abend with the following EMS message:

```
TELNET NO LONGER OPERATIONAL: REPLYX FAILED
```

Recovery

Restart the TELSRV process.

Workaround

None.

- o TCP/IPv6 Subsystem (T1265)

Solution 10-041129-2262

STATS TCP6SAM does not display IPv6 statistics (all zeros are displayed).

Recovery

None.

Workaround

Instead of issuing the STATS command on the SAM, use the STATS command on the MON.

Solution 10-040212-3224

The SCF command:

```
ALTER MON *,ARPTIMER-REFRESHED ON
```

fails to set the ARPTIMER-REFRESHED parameter.

Recovery

None.

Workaround

None.

- o TELSRV (T9553)

Solution 10-041103-1376

Under the following conditions:

1. TELSRV is started with param ZTNT^SERVICECHOICE^ECHO set to NO
2. A service is configured and a window is associated with it
3. After connecting to the TELSRV process, the configured service is selected by copying and pasting the servicename on the window along with a CR (carriage return) instead of typing the same.

TELSRV echoes back the servicename after selecting the service even after turning off the echo option for services.

Recovery

None.

Workaround

None.

- o TSM Bind (T7945)

Solution 10-050301-5125

The following EMS message will be generated if more than five Correctable Cache Errors (CCE) occur in a CPU in a twenty-five hour period:

1110

TSM-Correctable-Cache-Error - Excessive CCE. Excessive CCEs have been detected. Replace the PMF CRU at your convenience. To determine the correct PMF CRU to replace, check the CCE alarm generated by the TSM Service Application.

A major (yellow) alarm will also be generated for the CPU along with this event.

In S86100 and S88000 processors, the alarm can be ignored and deleted as excessive CCEs will not result in a HEF. In S86000 and lower processors, the alarm can be ignored and cleared - there is a probability for a HEF only if the alarm is regenerated and has to be cleared frequently.

Recovery

Clear the excessive CCE alarms from the TSM console.

Workaround

None.

- o WANENVASC (T0017)

Solution 10-050119-3749

Under the following circumstances:

1. The application posts a request and is waiting for a response.
2. The application immediately cancels the request before getting the response for the same request.

the following messages are displayed continuously:

Error 222 Bad channel status from EIO instruction (path error)
ENVOY Messages (1001,1003,1004)

EMS Messages (003,008,009)
 TRAPMUX Message 006
 Bad EIO Status #222
 Bad Interrupt Cause #120
 Bad Interrupt Cause #140

Recovery

See that the application does not cancel the request before receiving a response for it.

Workaround

None.

Solution 10-050216-4759

When there is a RTS-CTS delay setting in a modem, which when set to zero or 50 milliseconds or less, the ENQ goes out immediately after a connection is made. However, if the RTS-CTS setting is set higher than 50 milliseconds or more, the outbound ENQ is delayed up to seven seconds. This may cause an application problem.

Recovery

None.

Workaround

Configure the RTS-CTS delay in the modem to a value of 50 milliseconds or less.

o WANMGR (T1228)

Solution 10-040922-0009

If a large number of SCF ADD ADAPTER commands are issued from a TACL script with no delays between the SCF ADD ADAPTER commands, and the SAVEABEND attribute is set for the \$ZZWAN process, many saveabend files will be created in \$SYSTEM.SYSTEM.

Recovery

None. Other than the many saveabend files created, there are no other user consequences.

Workaround

None.

o XIO (T8374)

Solution 10-031121-1510

The following error:

MEAS 3403 Invalid descriptor

is seen when the LISTACTIVE command for subdevice 3 is executed in the MEASCOM tool.

Recovery

None.

Workaround

Use the LIST command to retrieve information for modules having subdevice number 3.

Errata

Softdocs and the NTL Media (CDs and DVDs)

As of this (G06.26) RVU, softdocs are no longer included on the NTL media. Softdocs are available in the online NTL site only.