POST OFFICE ACCOUNT RELEASE NOTE	Release number: RNT8601
Target Release: T86	Platform: COUNTER

Product: LFS_COUNTER 44_1

IMPORTANT: Please see the installation instructions at the end of this Release Note

Destination: Live counters after successful testing in LST

Note: —

This release note delivers Tivoli download package LFS_COUNTER version 44_1.

This package delivers the following components:

T86_WP_29300	**Counter: CABSProcess can leave Counter1 locked for transactions - T86**
PC0164429	**FAD005948 BM stock unit was rolled over it was forced to clear the local suspense account**

Checklist for SMC/MSS	
Class	SI
Lock Criteria (to be predefined)	
Reboot Required? (Inform MSS) (If yes, concurrency must be changed to 4 on master TMRs)	**No**
Rendezvous Required?	**No**
Change to subscription group	**No**
Migration Details	Pilot first then full estate
Distribute Details	
Commit Details	
Commit Time	Default (10 minutes)
Op. Focus article	N/A
Reporting Required	As normal
Other special instructions	
Checklist for RM/INFREL	
Previous version of products in current release (RM to advise)	
INFREL to confirm that fixes are rolled up	Fixes since S80 Spare rolled up in immediate (catchup) component only; overnight commit is incremental.
RM to acknowledge that fixes are rolled up	

For further information please see the instructions after the routing table.

Event Info

Date Raised: 29/09/2008	Originator: Tyrone Cozens Checked by:		
High level plan:			
Work unit	Contact	Date	Order
Release authorisation	RM	29/09/08	1
Progress to INFREL	PIT	29/09/08	2
Development for Tivoli wrapping	INFREL	30/09/08	3
Advise of expected Footprint of Events as per SY/ION/006 (4.1)	INFREL	N/A	4
Add file list & move to pick up point	CM	30/09/08	5
Check RN prior to test wrap/check that files are on CMPost	RM	30/09/08	6
LST authorise for application to .26 rig	PRE-LST	3rd October 2008	7
Package for test and Install on LST .26 rig	MSS/LST	06/10/08	8
Operational test fix	LST	14th October 2008	9
Confirm event footprints as per SY/ION/006 (4.2)	LST	N/A	10
Update PIT web page & route fault PEAKs to originator	RM		11
Authorise release to live Pilot	RM	16/10/08	12
Email RDT with WP details	RM		13
Package and set up jobs for Live	MSS	16/10/08	14
Apply to Pilot as directed by RM	MSS	16/10/08	15
Confirm event footprints from Pilot are as per SY/ION/006 (4.3)	SMC	NA	16
Authorise application to rest of Live Estate (ensure POL authorised and discussed date of distribution with Ref Data)	RM	23/10/08	17
Apply to balance of Live Estate	MSS	23/10/08	18
Manage the tail to closure	SMC-Desk	Feb'09	19
Acknowledge installation to Live	CM	19/02/09	20
Update Generic Prodlist (if necessary)	RM		21
Route to MSS for LST DR update/update DR spreadsheet	RM		22
Update LST DR Counters at LEW02	MSS(LST-DR)		23
Close call	RM		24

INFREL:
Package has been baselined in PVCS as **LFS_CNT~44_0~44_0~44_1.**
This fix is class **SI** (i.e. Immediate).

Package Integrity Check:
Number of files (excluding dig and sig files)   =   27
Total size (excluding dig and sig files)   =   1,138,056 bytes
Tivoli signature should be LFS_COUNTER^44_1.sig

COUNTER package LFS_COUNTER version 44_1

SUMMARY

This package is applicable to Live Counters at T86. It is also applicable to S80/S92 Spares used in Branches at T86.

The overnight commit script installs the files marked in **bold** below, namely those delivered in WP249300 i.e. it does not roll up any earlier versions of LFS_COUNTER.

There is also an immediate component applicable to S80/S92 Spares for box-swaps, and for new rollout offices at the discretion of Release Management. The Catchup script rolls up all post-S80 LFS_COUNTER fixes, and installs all files in the table below:

Target	Work Package(s) / Baseline(s)
c:\Counters\Bin\CABSProcess.exe	**WP29300**
c:\Counters\Bin\LFS\LFSConfirm.dll	WP24958
c:\Counters\Bin\LFS\LFSInterface.dll	WP24778
c:\Counters\Bin\LFS\LFSNVStock.dll	COUNTER_S90_V006-V000
c:\Counters\Bin\LFS\LFSPServer.dll	COUNTER_S90_V006-V000
c:\Counters\Bin\LFS\LFSView.dll	COUNTER_S90_V006-V000
c:\Counters\Bin\LFS\LFSEndOfDay.exe	WP24593

DISTRIBUTION INFORMATION

This fix should be packaged as a standard fix, for distribution to the Live Estate, and also as an immediate for application via CATCHUP.BAT during rollout of spares.

As a standard fix, this package is to be run under SYSMAN2. It is to be distributed by Tivoli normally to just the Gateway. Subsequent committal of the fix is achieved by a second related package (SWDISTRIB) being distributed.

Details of the package containing the actual fix and a second package, responsible for forwarding and applying the fix to slave counters, are given below:

The target path on the Counter on which the fix is to be distributed is:

C:\pathway\tivoli\distrib\LFS_COUNTER\44_1

Scripts to be run are as follows:-

After distribution:	**DAFTER.BAT**
On Commit:	**None**
For Regression:	**REGRESS.BAT**

Distribution of this package and the running of DAFTER.BAT can be performed any time when the counter is on-line. **Note:** the COMMIT.BAT script should not be invoked explicitly for this package; it is executed upon successful distribution of the second package (below).

The target path for the second package is:

C:\Pathway\Tivoli\GenericCommit\LFS_COUNTER\44_1

The following files should be distributed to this directory (as per Release Note **RNT8032A**):

SwDistrib.dll
SwDistrib.exe
SwDistrib^41_1.dig

Note that the above files must not be packaged as read-only.
Scripts to be run are as follows:

After distribution	**SwDistrib.exe**

TIVOLI DOWNLOAD PACKAGE
LFS_COUNTER 44_1

Distribution of the package and the running of the SwDistrib executable performs a Commit for the LFS_COUNTER package, and so may be performed only after the successful distribution of the first package, as required.

The Horizon Desktop and associated services are taken down and brought back up during the Commit, therefore it is necessary to leave sufficient time (at least 30 minutes) to allow the Desktop to complete initialisation before retrying the commit after a failure (or regressing).

Errors will be flagged in the Application Event Log, and the error number returned to the calling process.

CATCHUP DISTRIBUTION INFORMATION (for MSS)
This fix is held on the Delivery Share, to be picked up during rollout of spares, and applied via the CATCHUP.BAT script.

Possible errors are as follows:

Error No	Possible Reason	Suggested Action
131 : (83)	Error when copying old file to regress area – all changes will be rolled back	Retry, and if problem persists contact support. May indicate disk errors.
132 : (84)	Error installing fix file – all changes will be rolled back	Retry, and if problem persists it may be necessary to arrange for a Counter reboot.
133 : (85)	Failed to regress named file back to previous version	Retry, and if problem persists it may be necessary to arrange for a Counter reboot.
134 : (86)	Could not register the file	Ensure the counter is at the correct state, i.e. is at the correct migration level, before the commit is performed.
143 : (8F)	Failed to delete named file on regression	Retry, and if problem persists contact support. May indicate disk errors.
170 : (AA)	Digital Signature test failed with ERRORLEVEL <error code>	Distribution is incomplete or corrupt – check contents of distribution folder, and if necessary re-distribute.
171 : (AB)	Failed to copy Tivoli SIG file to Commit directory (restoring sig files while regressing). Can also occur in Commit, when saving SIG files	Regress / Commit has completed successfully but Support should be notified of this error
175 : (AF)	Failed to launch the "waiter" process	Retry, and if problem persists it may be necessary to arrange for a Counter reboot.
181 : (B5)	Unable to delete old sig file on Regress	This will not return an error to Tivoli as the regress itself worked
200: (C8)	PathwayLoad not running. * Counter may be awaiting completion of Post Office Logon. * A new Counter may not have finished configuring.	* Try again when Riposte Desktop up and running. * Try again when configuration complete. Reboot if the problem persists.
201: (C9)	Cleardesk is running	Try again outside of Cleardesk slot (3:30-4:30am). If problem persists, reboot.
212 : (D4)	<directory name> directory creation failure	Contact Support
221 : (DD)	<product name> Signature file already exists in commit	Package already committed – no action required.
223 : (DF)	<product name> Signature file does not exist in Distrib directory	Distribution is incomplete – contact Support
225: (E1)	Failed to establish Counter configuration (ie determine whether MCO Gateway, SCO or Slave).	Retry, and if problem persists, contact Support.

TIVOLI DOWNLOAD PACKAGE
LFS_COUNTER 44_1

SwDistrib Error Codes

Error No	Possible Reason	Suggested Action
151 : (97)	Internal error.	Contact Support at BRA01.
152 : (98)	No package distribution found on any of the counters.	Distribution error. Possibly the main package was not distributed at all. Redistribute main package to the chosen distribution counter at the outlet (usually Gateway).
153 : (99)	DAFTER script failed with error <error code>.	The error codes are given in the table of errors for the product.
154 : (9A)	SwDistrib timed out. SwDistrib has repeatedly cycled round trying to connect to the other counters to pull across the software but has not been able to connect to one, or there has been a problem with pulling across the software.	Probably a comms problem, or the counter(s) with the software is (are) offline.
156 : (9C)	SwDistrib delivered to invalid target directory. It is not running at a level of the form ...GenericCommit \ <product> \ <version >.	Check the package has the correct target directory.
157 : (9D)	SwDistrib digital signature check failed.	The SwDistrib files in the GenericCommit folder are incomplete or defective. They may need reinstalling.
158 : (9E)	Syntax error in middle-products name file. Indicates an internal error.	Contact Support at BRA01.

Note - SwDistrib also produces a 221 for "Error: Commit Sig found". This code is the same as that used in the standard Dafter.bat script.

Information events will appear in the Event Log under source "InstallSW" as follows:

    Desktop has been successfully brought down
    Copied \ Registered OK
    Riposte Service restart invoked
    Restart of Pathway Services invoked
    Desktop running again
    Update process exited

TIVOLI DOWNLOAD PACKAGE
LFS_COUNTER 44_1

CM : The following files have been delivered to wsysdel01\cmpost$, under \Rel_T86$rnt8601 :

```
 Volume in drive D is DATA
 Volume Serial Number is 4893-E8F5

 Directory of D:\Release\REL_T86$RNT8601

30/09/2008  14:35    <DIR>          .
30/09/2008  14:35    <DIR>          ..
30/09/2008  14:35    <DIR>          COUNTER
             0 File(s)          0 bytes

 Directory of D:\Release\REL_T86$RNT8601\COUNTER

30/09/2008  14:35    <DIR>          .
30/09/2008  14:35    <DIR>          ..
30/09/2008  14:35    <DIR>          SI$LFS_COUNTER
             0 File(s)          0 bytes

 Directory of D:\Release\REL_T86$RNT8601\COUNTER\SI$LFS_COUNTER

30/09/2008  14:35    <DIR>          .
30/09/2008  14:35    <DIR>          ..
30/09/2008  14:36    <DIR>          44_1$44_0
             0 File(s)          0 bytes

 Directory of
D:\Release\REL_T86$RNT8601\COUNTER\SI$LFS_COUNTER\44_1$44_0

30/09/2008  14:36    <DIR>          .
30/09/2008  14:36    <DIR>          ..
25/09/2008  15:23            94,208 CABSProcess.exe
30/09/2008  12:06             5,763 CATCHUP.BAT
13/06/2005  17:20            35,840 Ccopy.exe
20/01/1999  17:38            31,744 chktask.exe
30/09/2008  11:43             8,277 COMMIT.BAT
24/05/2002  15:27            28,672 CounterCon.exe
30/09/2008  12:06             2,555 DAFTER.BAT
01/09/2004  09:18             1,142 FEXE_RGR.BAT
30/01/2004  16:17             1,393 FEXE_UPD.BAT
01/09/2004  10:35             1,217 FEXE_URB.BAT
01/09/2004  10:27             1,575 FOLE_RGR.BAT
01/09/2004  10:44             1,867 FOLE_UPD.BAT
01/09/2004  10:35             1,618 FOLE_URB.BAT
13/05/1999  09:27            28,160 launcher.exe
01/08/2007  12:19           307,200 LFSConfirm.dll
04/01/2007  15:56           102,400 LFSEndOfDay.exe
04/04/2007  15:46           135,168 LFSInterface.dll
28/07/2005  11:24            53,248 LFSNVStock.dll
06/10/2005  13:18            73,728 LFSPServer.dll
28/07/2005  11:24            40,960 LFSView.dll
30/09/2008  14:36                 2 LFS_COUNTER^44_1.SIG
07/03/2005  16:39            38,400 logevt.exe
20/03/2001  11:26               542 LOGNTEVT.BAT
21/08/1996  19:44            45,136 psapi.dll
30/09/2008  11:43             6,347 REGRESS.BAT
24/04/1998  01:00            37,136 regsvr32.exe
02/02/1999  11:39            22,016 Waitasec.exe
16/02/1999  17:58            31,744 waiter.exe
            28 File(s)     1,138,058 bytes

     Total Files Listed:
```

```
28 File(s)      1,138,058 bytes
11 Dir(s)  29,530,963,456 bytes free
```