Business Unit: Risk

Residual Value—Load LeaseCube Portfolio Data

| Busir | n ess Unit Risk | Document # | | | | |
|-------------------------|------------------------------|-----------------------------------|--|--|--|--|
| | | Version # | 1.0 | | | |
| Docur | nent Title | Last Revised Date | March 23, 2017 | | | |
| Residual Value Portf | —Load LeaseCube olio Data | Process Implementation Date | 1995 | | | |
| SOP Owner | Greg Russell | Approval | Greg Russell and Kristopher Pritchard | | | |

Table of Contents

| 1. | Process Overview |
|----|---|
| | 1.1. Overview |
| | 1.2. Related Internal Policies and Processes2 |
| | 1.3. Abbreviations Used2 |
| | 1.4. Applications Used3 |
| 2. | Executive Summary |
| | 2.1. Synopsis |
| | 2.2. Background4 |
| | 2.3. Risks and Controls4 |
| | 2.4. Objective |
| 3. | Inputs Received/Used5 |
| 4. | Process Map6 |
| 5. | Process Description7 |
| | 5.1. Run SAS Queries to Populate LeaseCube from LeMans7 |
| | 5.2. Validate the Completed SAS Query Jobs15 |
| | 5.3. Download the HOST Data Files |
| | 5.4. Prepare the Lease.txt File |
| 6. | Outputs Created |
| 7. | Version History |

1. Process Overview

This section outlines information related to this SOP and other policies or processes used in conjunction with this SOP. It also lists the abbreviations and applications/systems used in this process.

1.1. Overview

| SOP reviewers | Greg Russell and Kristopher Pritchard |
|------------------------------|--|
| Target audience | XXX: Consumer Risk Team Auditor: PwC |
| SOP applicable to portfolios | Residual Value → RV Loss Forecasting → Validate Monthly LeaseCube Results |
| Frequency | Monthly |

1.2. Related Internal Policies and Processes

| Policy this SOP links to | NA |
|---------------------------|----|
| Process this SOP links to | NA |

1.3. Abbreviations Used

| Abbreviation | Expansion |
|--------------|---------------------|
| TSO | Time Sharing Option |

1.4. Applications Used

| Application Name | Link | Description |
|---------------------|------------------|---|
| HOST | Program Shortcut | HOST is used to run SAS queries to populate LeaseCube from LeMans. |
| WS_FTP | Program Shortcut | This application is used to download the files generated by running the SAS queries in HOST to the local drive. |

2. Executive Summary

This section provides a brief summary of what this SOP is about and lists the key objective for this SOP. It also describes relevant background information that may need to be documented.

2.1. Synopsis

The Consumer Risk team uses the LeaseCube portfolio data to validate the monthly results using the SOX control RV18. The purpose of the monthly LeaseCube process is to validate that all lease portfolio data from the LeMans HOST system has properly loaded into the LeaseCube.

Note: RV18 ensures that data is transferred from DB2 to the Cube properly for completeness and accuracy.

Each month, the LeaseCube is completely purged and re-populated. The Risk Management Analyst accesses HOST and runs six SAS queries to populate the LeaseCube from LeMans (via DB2).

Once the queries have run, the Analyst validates that the completed HOST jobs from running the queries have the same number of records written to the extract file, as the number of observations in the **WORK.LEASE** data set.

The Analyst, then, downloads the six files (two for each region—Central, Western, and Eastern) generated by running the queries in HOST to the local drive using the WS_FTP application. The Analyst then combines these files to prepare a single file, **lease.txt**, in Windows command prompt and copies the file to the **LeaseInput** shared drive.

2.2. Background

The LeaseCube loading process is another way of querying the lease portfolio data. It is not at a contract level, but there is some aggregation to manage the size of the Cube. The process is SOX compliant and is used to validate that all lease portfolio data from the LeMans HOST system has properly loaded into the LeaseCube.

2.3. Risks and Controls

| Risk | Control |
|--|---|
| If the database falls apart at YYY and since YYY controls the XXX infrastructure, it may affect the XXX data feeds. | If this happens, the Cube will continue to work, as it is on the XXX server. The user must ensure that he/she has access to the XXX server because once the data is loaded, the user does not have to rely on the feeds. |
| The software executes daily at 6:15 pm, and checks if there is a lease.txt file on the server. If at the month end, the systems are running very slow and queries do not finish in enough time to get the lease.txt file ready by 6:15 pm, then the YYY and XXX teams will be without the data. | To avoid this, the software executes twice daily at 6:15 pm and 8:15 pm. If the system is running slow and the lease.txt file is not available on the server by 6:15 pm, the software will execute at 8:15 pm to generate the file. |

2.4. Objective

This document describes the step-by-step process of loading the LeaseCube portfolio data from LeMans.

3. Inputs Received/Used

This section lists the inputs received or used for this process.

| Input Name | File Type and Location | Frequency/ Timing | Name of Team/Own er | Purpose/Usage |
|---------------|-------------------------------|--------------------------|---------------------------|---------------|
| NA | File Type: NA Location: NA | Frequency : NA | NA | NA |

4. Process Map

This section displays the process map for this process.

Given below is a high-level process map that describes the process of loading the LeaseCube portfolio data from LeMans:

| Residual Value—LeaseCube Load Proc | edure | | |
|---|--|--|---|
| Run the six SAS queries in HOST to populate the LeaseCube from LeMans | Volidate that the completed INOST jobs associated with the quotes have the same to muther contract the same to muther of observations in the WORKLEASE data set | s the local prepare lease.txt file | Save the kase.txt file on the shared drive |

Double-click the document below for an enlarged view of the process map.



5. Process Description

This section details the entire desktop procedure along with screenshots, wherever applicable.

5.1. Run SAS Queries to Populate LeaseCube from LeMans

The Risk Management Analyst performs the following steps to run the six SAS queries to populate LeaseCube from LeMans (via DB2):

- 1. Launch Rumba to access Host system using the program shortcut.
- 2. Select Time Sharing Option (TSO) by entering S and pressing the Enter key.



3. Enter TSO ID, t0h1br3, at the next screen and press the Enter key.



4. The **TSO/E LOGON** screen is displayed. Enter current password in the **Password** field and press the **Enter** key.



5. The initial login screen is displayed. Press the **Enter** key when three asterisks (***) are displayed.



6. The **CORPORATE TMCC PRIMARY OPTION MENU** screen is displayed. Enter **0** in the **OPTION** field and press the **Enter** key.

| Hicro Foo | cus R | umba - I | Hent | lisk | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|----------|----------|--------|---------|---------|---------|-----|-----|------------|-----|-----|-----|--------------|-------|-----|-----|------|------|-------|--------|-----|------|-----|-------|-----|--------|-----|----------|------|---|-------|----|
| Fie Edt | View | Connec | tion ' | Transfe | r Og | tion | Tor | ols | Help | | | | | | | | | | | | | | | | | | | | | | | |
| 🛛 - 🗣 | ٦, I | 8 | 18 | 0.0 | 5 | 8 | - 🛛 | 8 | 26 | 19 | 3 | 4 | <u>6</u> . 1 | ¥ 🖒 | 租 | Θ, | | | | | | | | | | | | | | | | |
| <i>©®</i> / 8 H | lost_R | isk | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | B |
| | | *** | | | | | | | μ | | | 11 | | ш | | | | | | | | | 4* | *** | | | | | | | | |
| | * | | | _ | | | | | C | O R | PO | RA | ΤE | | | PR | MAR | γı | O P T | ION | 1 1 | IENU | | | | | | | .* | | | |
| | | •••• | ••• | | •• | ••• | ••• | ••• | | | ••• | ••• | | | ••• | | | ••• | •••• | | | | ••• | ••• | ••• | *** | ••• | | | | | |
| | | 2) | | SA | LE | s | TA | х | IN | αυ | IR | Y | | | | | D) | | DE | LQ. | /0 | HAR | GE | - 0 F | F | REP | 0 R | τs | | | | |
| | | 4) | | RE | ΤA | ΙL | D | RA | FΤ | R | EP | 0 R | TS | | | | E) | | ΕX | CHA | NG | E A | ND | LD | I | | | | | | | |
| | | 5) | | FP | I Tr | IŅ | TE | RE | ST | ړ | AL | CU | LAI | T O R | | | Q) | | QH | F | | | | | | | | | | | | |
| | : | 71 | | SY | ST | н Ем | S | EC | 5 I U R | 11 | Y | AU | тн | | | | ĸJ | | 5 H | ĸ | | | | | | | | | - | | | |
| | | ė) | | ŤŚ | ŏ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ÷. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | X) | | ΕX | IΤ | | | | | | | | | | | | |
| | 5 | | | | | | | | | 1 | n p | ττ | O N | | > | | | | | | | | | | | | | | 1 | | | |
| | Ξ. | | | | | | | | | l | 01 | •• | 014 | | / | | | | | | | | | | | | | | 4 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ** | | | | | * * | ** | ** | ** | | | ** | | | *** | | *** | | *** | | | *** | | *** | | *** | ** | | ** | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | _ | _ | _ | _ | _ | _ | | | | | | | _ | _ | | _ | | _ | | _ | _ | _ | | | | | |
| Ready | _ | | _ | | | _ | | _ | _ | _ | | _ | _ | Runn | ing | 59. | APL. | 10.0 | 91.0 | TCP022 | 97 | OVR | C/P | NUM | | 7 38,4 | 10 | 150.45.3 | 37.1 | _ | 08:30 | 25 |

7. The **ISPF PRIMARY OPTION MENU** screen is displayed. Enter **i.s** in the **Option** field and press the **Enter** key to launch HOST SAS interface.

| Kicro Focus Rumba - Host_Risk | | |
|---|--|---|
| File Edit View Connection Transfer Opti | ons Tools Help | |
| 🗈 • 🤿 🖏 🗟 🐯 🔺 🕒 🕒 🔊 | 12 • 12 19 19 19 19 19 17 11 10 1 | |
| 🖅 🖉 🔛 Host_Risk 🛛 🗙 🔪 | | 8 |
| Menu Utiliti | es <u>C</u> ompilers <u>O</u> ptions <u>S</u> tatus <u>H</u> elp | |
| | TCDC Deinen Detine North | |
| Dotion ===> i s | ISPF Primary Uption Menu | |
| | Nore: | + |
| 0 Settings | Terminal and user parameters | User ID . : TOH1BR3 |
| 1 View | Display source data or listings | Time : 08:32 |
| 2 Edit | Create or change source data | Terminal. : 3278 |
| 3 Utilities | Perform utility functions | Screen : 1 |
| Foreground S Patab | Submit ich for language processing | Appl TD . TSP |
| 6 Command | Enter ISO or Workstation commands | TSD logon + \$RCSP |
| 7 Dialog Test | Perform dialog testing | TSD prefix: T0H1BR3 |
| 8 Toyota | Primary menu for TOYOTA panels | Sustem ID : ASYS |
| 9 IBM Products | IBM program development products | MVS acct. : P90H130, |
| 10 SCLM | SW Configuration Library Manager | Release . : ISPF 7.1 |
| 11 Workplace | ISPF Object/Action Workplace | |
| 12 LM Facility | Library administrator functions | |
| A Analyzer | Rational Asset Analyzer | |
| L Lomparex | Lompare 2 source files/members | |
| E Ypeditor | Interactive Debugger | |
| E Apeditor | Interdetive bebugger | |
| Enter X to | Terminate using log/list defaults | |
| Ready | Running SSL APL MUMPLD TCP02297 | OVR CAP NUM W 4,17 150.45.37.1 08:33:25 |

8. The IPC/SAS INTERFACE screen is displayed. Enter E in the SELECT OPTION field and press the Enter key to select Edit Pgm.

| Ricro Focus Rumba - Host_Risk |
|--|
| File Edit View Connection Transfer Options Tools Help |
| □-9 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ |
| F / 🖾 Host, Kink 🛛 X |
| Version 9.4 IPC/SAS INTERFACE |
| SELECT OPTION ===> e |
| E - Edit Paper C - Combined E/R G - Graphics Print BL/RR - Brouse Log/Rot |
| R - Run Pgm U - Utilities H - Help PL/PR - Print Log/Rpt |
| |
| Program Name ===> 'TOHIBRS SOSBBOT' Program lib ===> 'TOHIBRS SOSBBOT' |
| Hacro Lib ===> |
| Format Lib ===> |
| CAS Los Mode and E (SeSummer Los te terring) E-Eull Los te dick file) |
| SAS Options ===> CENTER.HPRINT.HISSING="0".FILECC.SOURCE.LS=132.MEMSIZE=70M |
| |
| Input/Output files or SAS Data Libraries Disp may be NEW/OLD/SHR/MOD |
| DD ==> DSN ==> DISP ==> |
| |
| |
| DD ==> DSN ==> DISP ==> |
| |
| Running SSL APL NUMPLD TCP02297 OVR CAP NUM W 2,22 150.45.37.1 08:40:57 |
| |

9. A list of SAS query names is displayed. Use the **Tab** key to move to the SAS query name, **LCJCL1**, enter **S**, and press the **Enter** key.

| 🕿 Micro Focus Rumba - Host_Risk | | | <u></u> |
|---|-----------------|----------------|--|
| File Edit View Connection Transfer Options Tools Help | | | |
| 0 - 👦 🖏 🗟 😽 🕹 0 🗈 🔊 🛍 - 🔕 🕒 Si 🗞 🗞 | 4 8 9 3 | H 0. | |
| 🖅 🌌 Host_Risk 🛛 🗙 | | | |
| Menu Eunctions Utiliti | es <u>H</u> elp | þ | |
| EDIT T0H1BR3.SAS8BAT Command ===> | | | Row 0000001 of 0000016 Scroll ===> PAGE |
| Name Prompt | Size | Created | Changed ID |
| BRCHTAB | | 2005/02/28 | 2005/02/28 10:48:05 T0H1BR3 |
| . CUBECR1A | 238 | 2008/04/02 | 2015/08/10 17:52:00 T0H1BR3 |
| . CUBECR2A | 238 | 2008/04/02 | 2015/08/10 17:57:28 T0H1BR3 |
| . CUBEERIA | 238 | 2008/04/02 | 2015/08/10 18:04:16 T0H1BR3 |
| . CUBEEK2A | 238 | 2008/04/02 | 2015/08/10 18:05:4/ T0H1BK3 |
| . CUBEWKIA | 238 | 2008/04/02 | 2015/09/01 16:12:11 IOH1BK3 |
| . LUBEWKZA | 238 | 2008/04/02 | 2015/08/10 18:09:45 T0H1BK3 |
| . GRINLUSS | 149 | 2008/10/01 | 2017/02/27 08:35:16 T0H1BK3 |
| | 82 | 2011/01/01 | 2016/06/08 13:25:37 10HIBK3 |
| SELUJULI | 22 | 2008/04/02 | 2015/08/08 11:5/:48 T0H1BK3 |
| | 22 | 2008/04/02 | 2015/08/08 11:58:05 T0H1BK3 |
| | 22 | 2008/04/02 | 2015/08/08 11:58:44 10HIBK3 |
| | 22 | 2008/04/02 | 2015/08/08 11:59:04 10HIBK3 |
| | 22 | 2008/04/02 | 2015/08/08 11:59:21 T0H1BK3 |
| . LUJULO DETUDNOT | 126 | 2000/04/02 | 2015/00/00 11:59:32 1001DK3 |
| . KETUKNKI | 130 | 2011/04/10 | 2010/11/09 10:00:25 10HIBK3 |
| ****** | | | |
| | | | |
| | | | |
| Ready | Runnin | B SSL AR MINRO | TCP02297 OVR CIP NUM W 15.4 150.45.37.1 08:43:13 |

10. The selected query is displayed. Enter **submit** in the **Command** field and press the **Enter** key to submit the query.



11. When the query has been submitted, a notification along with the query job number (JOB11273) is displayed. Press the Enter key in response to the three displayed asterisks to return to the query screen.

| A Micro Focus Rumba - Host_Risk | | |
|---|---|-----------------------------|
| File Edit View Connection Transfer Options Tools Help | | |
| n-a 5 B B K D D D B - 5 D D S S & 2 B | 5 5 H O | |
| | | |
| | | |
| <u>File Edit Edit_Settings</u> | [enu ∐tilities <u>C</u> ompilers <u>⊺</u> est | Help |
| | CI1) - 01 03 Co | Lunns 00001 00072 |
| Command ===> submit | CET) = 01.05 | Sccoll ===> PAGE |
| ****** ****************** | ****** Top of Data *********** | ***** |
| 000001 //T0H1BR3C JOB (M158620 | , B2H4, 5, 5), GRUSSELL, MSGCLASS=Q, | |
| 000002 // NOTIFY=T0H1BR3 | ,TIME=(140) | |
| 000003 //* | | |
| 000004 //* STEP1 - DELETE OUTP | UT FILES FROM PREVIOUS RUN | |
| 000005 //= | | |
| 000006 //STEP1 EXEC PGH=T11 | 250 | |
| 000007 //SYSPRINT DD SYSUUT=* | | |
| 000008 //SYSIN DD * | | |
| 000009 10HIBK3.DESSBHSE.EHSTI | | |
| 899911 //* | | |
| AAAA12 //x STEP2 - EXECUTE SAS | PROGRAM | |
| 000013 //* | | |
| 800014 //SAS EXEC SAS. WOR | K='99999,99999' | |
| JOB T0H1BR3C(JOB11273) SUBMITT | ED | |
| *** | | |
| | | |
| | | |
| | | |
| | | |
| Ready | Running SSL APL MUMPLD TCP02297 OVR CAP NUM | W 21,6 150.45.37.1 08:59:47 |

12. The query screen is displayed. Enter **cancel** in the **Command** field, and press the **Enter** key.



- 13. Move to the next query by using the **Tab** key. Repeat <u>steps 9 to 12</u> for each of the following six queries:
 - LCJCL1
 - LCJCL2
 - LCJCL3
 - LCJCL4
 - LCJCL5
 - LCJCL6

| 😤 Micro Focus Rumba - Host_Risk | | | | |
|---|-----------------|------------|-----------------------------|---|
| File Edit View Connection Transfer Options Tools Help | | | | |
| D • 9 9 8 8 8 4 0 6 9 6 • 8 6 6 9 6 4 | (# 4 3) | H 0 . | | |
| 🗑 🖉 Host_Risk 🛛 🗙 | | | | B |
| Menu <u>F</u> unctions <u>U</u> tilitie | s <u>H</u> elp | | | |
| EDIT T0H1BR3.SAS8BAT | | | Row 0000001 of 0000016 | |
| Command ===> | 0.1 | 0 | Scroll ===> PAGE | |
| Name Prompt | Size | Created | Changed ID | |
| BRCHTAB | | 2005/02/28 | 2005/02/28 10:48:05 T0H1BR3 | |
| CUBECRIA | 238 | 2008/04/02 | 2015/08/10 17:52:00 T0H1BR3 | |
| CUBECR2A | 238 | 2008/04/02 | 2015/08/10 17:57:28 T0H1BR3 | |
| CUBEERIA | 238 | 2008/04/02 | 2015/08/10 18:04:16 T0H1BR3 | |
| . CUBEER2A | 238 | 2008/04/02 | 2015/08/10 18:05:47 TOH1BR3 | |
| . CUBEWR1A | 238 | 2008/04/02 | 2015/09/01 16:12:11 TOH1BR3 | |
| . CUBEWR2A | 238 | 2008/04/02 | 2015/08/10 18:09:45 T0H1BR3 | |
| GAINLOSS | 149 | 2008/10/01 | 2017/02/27 08:35:16 T0H1BR3 | |
| INVENTRY | 82 | 2011/01/01 | 2016/06/08 13:25:37 T0H1BR3 | |
| LCJCL1 | 22 | 2008/04/02 | 2015/08/08 11:57:48 T0H1BR3 | |
| s LCJCL2 | 22 | 2008/04/02 | 2015/08/08 11:58:05 T0H1BR3 | |
| LCJCL3 | 22 | 2008/04/02 | 2015/08/08 11:58:44 T0H1BR3 | |
| LCJCL4 | 22 | 2008/04/02 | 2015/08/08 11:59:04 T0H1BR3 | |
| LCJCLS | 22 | 2008/04/02 | 2015/08/08 11:59:21 T0H1BR3 | |
| LCJCL6 | 22 | 2008/04/02 | 2015/08/08 11:59:32 T0H1BR3 | |
| RETURNET | 136 | 2011/04/18 | 2016/11/09 10:00:25 T0H1BR3 | |
| **End** | | | | |
| | | | | |
| | | | | |

14. When a query is finished, a notification along with the applicable query job number is displayed. Press **Enter** in response to three asterisks to return to the previous screen.

| R Hicro Focus Rumba - Host_Risk | _O× |
|---|-----|
| File Edit View Connection Transfer Options Tools Help | |
| 0-9 項目 悶 / 0 10 19 / 2 - 2 19 / 3 / 3 / 4 / 4 / 5 / 2 0 - | |
| E Mest Kink X | B |
| 89 84 22 J0B11273 \$HASP165 T0H1BR3C ENDED AT THSN1 HAXCC=0000 CN(INTERNAL) ★★★★ ■ | |
| | |
| | |
| | |
| | |

15. Enter end in the Command field and press the Enter key to navigate one level up to the IPC/SAS INTERFACE screen.

| 😋 Micro Focus Rumba - Host_Risk | | | | . O 2 |
|---|-------------------|----------------|--|----------|
| File Edit View Connection Transfer Options Tools Help | | | | |
| 🗋 • 👦 🖏 🗟 🦁 🐇 🕲 🗗 🗂 🛍 • 🔕 🕞 🕄 | % 🖌 📴 🗳 🗇 | H 0. | | |
| 🖅 🌌 Host_Risk 🛛 🗙 | | | | 9 |
| <u>M</u> enu <u>F</u> unctions <u>U</u> tili | ties <u>H</u> elp | | | |
| EDIT TAH1883 SAS8BAT | | | Row 0000001 of 0000016 | j j |
| Command ===> end | | | Scroll ===> PAGE | <u>i</u> |
| Name Prompt | Size | Created | Changed ID | |
| . BRCHTAB | 7 | 2005/02/28 | 2005/02/28 10:48:05 T0H1BR3 | 1 |
| . CUBECR1A | 238 | 2008/04/02 | 2015/08/10 17:52:00 T0H1BR3 | 1 |
| . CUBECR2A | 238 | 2008/04/02 | 2015/08/10 17:57:28 T0H1BR3 | 1 |
| . CUBEER1A | 238 | 2008/04/02 | 2015/08/10 18:04:16 T0H1BR3 | 1 |
| . CUBEER2A | 238 | 2008/04/02 | 2015/08/10 18:05:47 TOH1BR3 | 1 |
| . CUBEWR1A | 238 | 2008/04/02 | 2015/09/01 16:12:11 T0H1BR3 | 1 |
| CUBEWR2A | 238 | 2008/04/02 | 2015/08/10 18:09:45 T0H1BR3 | 1 |
| . GAINLOSS | 149 | 2008/10/01 | 2017/02/27 08:35:16 T0H1BR3 | 1 |
| INVENTRY | 82 | 2011/01/01 | 2016/06/08 13:25:37 TOH1BR3 | |
| LCJCL1 | 22 | 2008/04/02 | 2015/08/08 11:57:48 T0H1BR3 | |
| LCJCL2 | 22 | 2008/04/02 | 2015/08/08 11:58:05 TOH1BR3 | 1 |
| LCJCL3 | 22 | 2008/04/02 | 2015/08/08 11:58:44 T0H1BR3 | 1 |
| LCJCL4 | 22 | 2008/04/02 | 2015/08/08 11:59:04 T0H1BR3 | 1 |
| . LCJCL5 | 22 | 2008/04/02 | 2015/08/08 11:59:21 T0H1BR3 | 1 |
| . LCJCL6 | 22 | 2008/04/02 | 2015/08/08 11:59:32 T0H1BR3 | 1 |
| RETURNRT | 136 | 2011/04/18 | 2016/11/09 10:00:25 T0H1BR3 | 1 |
| **End** | | | | |
| | | | | |
| | | | | |
| Ready | Running | SSL APL NUMPLD | TCP02297 OVR COP NUM W 4,18 150.45.37.1 09:3 | 5:14 |

16. The **IPC/SAS INTERFACE** screen is displayed. Enter **end** in the **SELECT OPTION** field and press the **Enter** key to move up one level to the **ISPF Primary Option Menu** screen.

| 🎘 Micro Focus Rumba - Host_Risk | | =1012 |
|-----------------------------------|--|--------------|
| File Edit View Connection Transfe | er Options Tools Help | |
| | | |
| |) -) (m - 🚾 (s s) (s) (s 🗢 (n (s) (s) (s) (s) (s)) | |
| 🐨 🖉 Host_Risk 🛛 🗙 🔪 | | 8 |
| Version 9 4 | IPC/SAS INTERFACE | |
| SELECT OPTIO | N ===> end | |
| | | |
| E - Edit Pgm | C - Combined E/K G - Graphics Print BL/BK - Brown | se Log/Kpt |
| K - KUN PGM | U - UTILITIES H - Help PL/PK - PPIN | t Log/Kpt |
| Program Name | (Note: Use '2' for Name List or '#' for Di | solau Mocl |
| Program Lib | ===> 'T0H1BR3.SAS8BAT' | sprog ngr / |
| Macro Lib | ===> | |
| Format Lib | ===> | |
| | | |
| SAS Log Mode | ===> F (S=Summary Log to terminal, F=Full Log to | disk file) |
| SAS Uptions | ===> CENTER, MPRINT, MISSING="0", FILECC, SUURCE, LS=132, MEMS | I Z E = 70 M |
| Teeut/Buteut | files on SAS Data Libraries Disp may be NEW/DI | |
| | DSN => | |
| DD == > | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | P ==> |
| DD ==> | DSN ==> DIS | ? ==> |
| | | |
| L | | |

The ISPF Primary Option Menu screen is displayed.

| 🖏 Micro Focus Rumba - Host_Risk | | |
|--|--|--|
| File Edit View Connection Transfer Optic | ons Tools Help | |
| D-93888 | 12 · 12 · 13 · 13 · 14 · 17 · 17 · 11 · 10 · | |
| 🖅 🌌 Host_Risk 🛛 🗙 🔪 | | B |
| <u>M</u> enu <u>U</u> tiliti | es <u>C</u> ompilers <u>O</u> ptions <u>S</u> tatus <u>H</u> elp | |
| Option ===> i.s | ISPF Primary Option Menu | |
| | Nore: | + |
| 0 Settings | Terminal and user parameters | User ID . : T0H1BR3 |
| 1 View | Display source data or listings | Time : 08:32 |
| 2 Edit | Create or change source data | Terminal. : 3278 |
| 3 Utilities | Perform utility functions | Screen : 1 |
| 4 Foreground | Interactive language processing | Language. : ENGLISH |
| 5 Batch | Submit job for language processing | Appl ID . : ISP |
| 6 Command | Enter TSO or Workstation commands | TSO logon : \$BCSP |
| 7 Dialog Test | Perform dialog testing | TSU prefix: TOH1BR3 |
| 8 Toyota | Primary menu for TOYOTA panels | System ID : ASYS |
| 9 IBM Products | IBM program development products | MVS acct. : P90H130, |
| 10 SCLM | SW Configuration Library Manager | Kelease . : ISPF 7.1 |
| 11 Workplace | ISPF Ubject/Action Workplace | |
| 12 LM Facility | Library administrator functions | |
| H Hnalyzer | Kational Hsset Hnalyzer Company 2 courses files/company | |
| C Comparex | Compare 2 source files/members | |
| D Data a Ims | Totopostivo Dobuggor | |
| E Apeditor | Interactive bebugger | |
| Enter X to | Terminate using log/list defaults | |
| Ready | Running SS. AR. MONTLO TCP02297 0 | VR CVP NUM W 4,17 150.45.37.1 08:33:25 |

5.2. Validate the Completed SAS Query Jobs

Once the queries have been completed, the Risk Management Analyst validates that all the completed HOST jobs have the same number of records written to the extract file as the number of observations in the **WORK.LEASE** data set.

The Risk Management Analyst performs the following steps to validate the completed HOST SAS query jobs:

1. Enter **S** and press the **Enter** key in the **Option** field on the **ISPF Primary Option Menu** screen.



2. The **SDSF PRIMARY OPTION MENU** is displayed. Enter **h** in the **COMMAND INPUT** field and press the **Enter** key.

| Hicro Focus Rumba - Host_Risk |
|---|
| File Edit View Connection Transfer Options Tools Help |
| []-●◎日 〒 / () [) / / / / / / / / / / / / / / / / / / |
| 🖅 🍠 🕍 Host, Risk X |
| Display Eilter ⊻iew Print Dptions Search Help |
| H0Y7790 SDSE PRIMARY OPTION MENU |
| COMMAND INPUT ===> h |
| |
| DA Active users ULDG User session log |
| I Input queue |
| 0 Output queue |
| H Held output queue |
| ST Status of jobs |
| SE Scheduling environments |
| ENC Enclaves |
| END Exit SDSF |

3. A list of jobnames is displayed. Enter **S** against the appropriate jobname and press the **Enter** key.

| R Micro | Fo | cus I | Rum | ba - | Hos | URis | k | | | | | | | 4 | | _ | | | | 100 | -11 | | | , | 17APS | | | - | | st. | SIL | - | - | | | | | | | • • | | | -1012 | ¢ |
|--------------|-----|-------|------|----------|-------|------|-------|-----|-------|-----|-----|-----|-----|----|-----|------------|-------|-----|----|------|-----|-----|-----|-----|------------|-----|------|-----|----------|-----|-----|----|----|-----|-------|-----|-----|-----|--------|-----|---|-----|-------|---|
| File Ed | it. | View | , c | onne | ction | Tra | Insfe | r O | ption | 5 1 | ook | 5 1 | elp | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10-1 | 9 | 9 | | 5 | 1 | | Ð | 1 |) 6 | - | Ð | Ŀ | ŝ | 1 | 6 | 8. | 2 | 8× | 7 | đ | Ð | • | λ. | | | | | | | | | | | | | | | | | | | | | |
| <u>e</u> n (| 1 H | fost_ | Risk | | | × | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | h |
| | | Di | is | р 1 | аų | ļ | E | i 1 | te | ۲ | | V | i e | М | | <u>P</u> г | · i I | n t | | 0 | рt | i (| n | 5 | <u>S</u> 1 | e a | r ci | h | Н | e l | р | | | | | | | | | | | | | |
| | : n | | | | 1.0 | | | тр | | | пτ | c | D I | ۵. | , | ۸1 | 7 | 6 | ī | 5 | C E | c . | 1.1 | T N | IEC | 1 | 0 | 20 | | | | 77 | ты | | 1 - 4 | | 4 | 1 | | | | | | |
| l č | έŏ | MM | 1 A | ND | ĩ | ÍNF | νŬ | ť | = = | = | 5. | | | | | | | č | | 15 | | 5 | | | 12.5 | | , , | 23 | <i>'</i> | | | | | - | | SCR | koi | Ĺι | = = | ==> | Ρ | AGI | | |
| E F | R | EF | ÷ I | X = | Τē | H I | I B | RЗ | * | | DE | S | T = | (4 | ¥ L | L) | | 0 | HN | ΙE | R = | T (| ЭH | 1 8 | 8 R 3 : | | S | ΥS | NA | ME | = | | | | - | | | | | - | | | | |
| N 1 | ٩P | | | JO | BN | (A) | 1 E | _ | Jo | b) | ID |) | | 0 |] W | n e | r | | | Ρ | r t | y | С | 0 | DDi | sр | D | e s | t | | | | | | | | | Τo | t - F | }ec | | Τo | t – | |
| | | | | 10 10 | 83 | B | 3 | T. | 11 | | 03 | 4 | 39 | | 0 | H 1 | B | 83 | | | | 6 | a | 1 | 101 | 2 | - 53 | | ΑL. | | | | | | | | | | 7,5 | 590 | | | | |
| | | | | ΤŐ | 81 | RF | 23 | č | 11 | B | 11 | 2 | 47 | 1 | 6 | H 1 | B | 23 | | | | 8 | ă | ĥ | 101 | 5 | 1 | | AL | | | | | | | | | | - | 903 | | | | |
| | 5 | | | ŤØ | H 1 | BI | 83 | Č | J | B | i i | 2 | 73 | i | ΓØ | H 1 | B | 83 | | | | 8 | ā | Ĥ | IOLI | ō | Ē | ŌĊ | ΑĽ | | | | | | | | | | - 6 | 03 | | | | |
| - 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | | | | | | | | | | | | | | | | | | | | | | _ | | | _ | | | | | | | | | | _ | | | | | | _ | _ | |
| | | | _ | | _ | | _ | | | | | | | _ | | _ | | _ | | _ | | | _ | | | | | | | | _ | | | | | | | | | | _ | | | J |
| Ready | | | | | | | | | | | | | | | | | | | R | unni | ng | | | | | | | то | P0229 | 17 | OVR | | | NUM | w | 10 |),3 | 150 | 0.45.3 | 7.1 | | 09: | 43:12 | |

4. The **JOB LOG** screen is displayed. Enter **max** in the **COMMAND INPUT** field and press the **F8** key to navigate to the bottom of the job log.

| Risk Micro Focus Rumba - Host_Risk | | |
|---|---|---------------------------------|
| File Edit View Connection Transfer Options Tools Help | | |
| 🗅 • 🕸 🖏 🗟 🦷 🐇 😒 🔊 🖓 🖓 • 🔊 🗞 | % 4 B T C H O | |
| 🐨 🖉 🔛 Host_Risk 🛛 🗙 | | 9 |
| Display Eilter ⊻iew | <u>P</u> rint <u>O</u> ptions <u>S</u> earch <u>H</u> elp | |
| SDSF OUTPUT DISPLAY TANIE | R3C JOR11273 DSTD 2 LINE 0 | COLUMNS 02- 81 |
| COMMAND INPUT ===> max | | SCRDLL ===> PAGE |
| | ***** <u>*** TOP OF DATA</u> ************* | ***************** |
| JE | S2 JOBLOG SYSTER | IASYS NOD |
| 08.59.50 JOB11273 TUE | SDAY. 28 FEB 2017 | |
| 08.59.50 JOB11273 IRR0101 | USERID TOHIBR3 IS ASSIGNED TO T | HIS JOB. |
| 08.59.50 J0B11273 IEF6771 | WARNING MESSAGE(S) FOR JOB TOH188 | 3C ISSUED |
| 08.59.50 JOB11273 ICH7000 | DII TOHIBR3 LAST ACCESS AT 08:55:5 | 8 ON TUESDAY, FEBRUA |
| 08.59.50 JOB11273 \$HASP37 | 73 TOH1BR3C STARTED - INIT 35 - 0 | LASS Y - SYS |
| 08.59.50 JOB11273 IEF4031 | I TOHIBR3C - STARTED - TIME=08.59.5 | j 0 |
| 08.59.50 JOB11273 -JOBNAN | IE STEPNAME PROCSTEP RC EXCP | CPU STEPNO |
| 08.59.50 JOB11273 -T0H1BF | 3C STEP1 00 13 | .00 1 |
| 09.04.22 J0811273 -T0H18F | (3C SAS SAS 00 99349 | .77 2 |
| 09.04.22 JUB112/3 1EF4041 | L IUHIBK3C - ENDED - IIME=09.04.22 | |
| 00 04 22 JUBII2/3 -IUNIB | AS TAUIDODC ENDED | ELHSPED TIME= 4.52 |
| 1602 100 STATISTIC | SS TONTBRSC ENDED | |
| 28 FFR 2017 108 FYECHTIC | IN DATE | |
| 22 CARDS READ | IN ONIC | |
| 1.465 SYSOUT PRINT | r RECORDS | |
| | | |
| Ready | Running SSL APL 1839/01.0 TCP02297 OVR CAP | NUM W 4,24 150.45.37.1 09:44:53 |

5. Locate the line that states how many records were written to the extract file, as displayed below, and note down the number of records. In this example, this is **980802**.



6. Locate the line that states how many observations the data set **WORK.LEASE** contains and note down the number. This number should match the number of records written to the extract file, as noted in the previous step.

In this example, the number is **980802** and matches the number of records in step 5.

Note: Use F7 key to scroll a page upward.

| C Micro Focus Rumba - Host_Risk | |
|--|---|
| File Edit View Connection Transfer Options Tools Help | |
| D | 7 J H O . |
| 🕫 🖉 Host_Risk 🛛 🗙 | 8 |
| <u>D</u> isplay <u>F</u> ilter <u>V</u> iew <u>P</u> rint | <u>O</u> ptions <u>S</u> earch <u>H</u> elp |
| SDSF OUTPUT DISPLAY T0H1BR3C JI | OB11273 DSID 103 LINE 486 COLUMNS 02- 81 SCROLL ===> PAGE |
| 206 HONERLY CAP_CO 207 Class Br_name Tho | ST BASE_RENT; CREG THSREG LEXREG VEH_YR VEH_HOD_NBR_NBR |
| 208 VEH_MODEL TER 209 VEH_NEH_USED_I | H ACQDATE MATDATE SALDĀTE STATUS Fl mileage: |
| 210 DUTPUT DUT = LEAS | E SUH=; RUN; |
| NDTE: Processing on disk occurre RFALMENSTZE may improve p | ed during summarization. Peak disk usage was appr erformance |
| NOTE. There were 1731716 observ | ations read from the data set WORK LEASE |
| NOTE: The data set WORK.LEASE h | as 980802 observations and 25 variables. |
| NUTE: The PRUCEDURE MEANS used CPU time - 00 Flapsed time - 00 | the following resources: :00:06.74 :00:4 29 |
| EXCP count - 51851 Task memory - 4768K (121) | K data, 4647K program) |
| Total memory - 29040K (63) Timestamp - 2/28/2017 | 04K data, 22736K program) 9:04:14 AM |
| NOTE: The address space has use | d a maximum of 5168К below the line and 217216К a |
| | |
| Ready | Running 53L APL HERPLD TCP02297 OVR CAP NUM W 4,21 150.45.37.1 09:48:44 |

7. Enter **end** in the **COMMAND INPUT** field and press the **Enter** key to return to the previous screen.



8. Repeat <u>steps 3 to 7</u> to validate the records for all the six jobnames associated with the six queries run in <u>section 5.1</u>

| 🖅 🖉 🔛 Host_Risk 🛛 🗙 | | B |
|--------------------------------|---|-------------------------------------|
| Display Eilter View Print | <u>O</u> ptions <u>S</u> earch <u>H</u> elp | |
| | | |
| SDSF HELD OUTPUT DISPLAY ALL C | LASSES LINES 10,297 | LINE 1-4 (4) |
| COMMAND INPUT ===> | | SCRULL ===> PAGE |
| NP IOPNONE Joh D Ougog | Retu C DDice Dect | Tot-Poc Tot- |
| TAHIBRAT INBA3439 TAHIBRA | | 7 590 |
| T0H1BR3C J0B11165 T0H1BR3 | 8 Q HOLD LOCAL | 901 |
| T0H1BR3C J0B11247 T0H1BR3 | 8 Q HOLD LOCAL | 903 |
| s TOH1BR3C JOB11273 TOH1BR3 | 8 Q HOLD LOCAL | 903 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Ready | Running SSL APL NUMPLD TCP02297 OVR | CAP NUM W 10,3 150.45.37.1 09:43:12 |

 Once the records for all the jobnames have been validated, enter end in the COMMAND INPUT field and press the Enter key to return to the SDSF PRIMARY OPTION MENU screen.

| <u> </u> | licro Fe | ocus Ri | umba | - Ho | st_R | isk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - 5 | JO): | d |
|----------|----------|----------|-------|-------|------|-------|----------|-----|------|------------|-----|-----|-------------|-----|------------|---------|----------|-----|-----|------|-----|--------|-----|-----|------|------------|------|-----|-----------|------|-----|-----|---|----|-----|----|----|------|----|-------|-------|----|----|-------|------|---|
| File | Edit | View | Conn | ectio | n 1 | frans | fer | Opt | ions | Т | ols | He | þ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| ii C | - 19 | 1 | 8 | 8 | 81 | | | 5 | 6 | - | 9 | D. | \$ 1 | 8 | R | | 2 1 | ja | 7 | 9 | Ŧ | (| ۶. | | | | | | | | | | | | | | | | | | | | | | | |
| T | / | Host_R | isk | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | A |
| Г | | Di | s p | la | y | ļ | Ξi | 1 t | e | r | | ⊻i | e١ | 4 | P | r | іn | ı t | | 0 | рt | i (| n | s | , | <u>S</u> e | a٢ | ch | ١ | Щ | e l | р | | | | | | | | | | | | | | |
| | 51 | | - u I | 51 | n | 0. | 17 | рIJ | т | - | , | сp | 1 | ٠v | Ā | L | L | с | LA | s | SE | s | L | IN | E | s | 10 | . 2 | 9 | , | | | Ľ | IN | E | 1- | 4 | (4 | 1 | | | | | | - | l |
| | Ċ | ЭММ | ANI | D | ĪN | P | ŪΤ | = | - | => | | e n | d | | | | - | - | | | | - | - | | | - | | , - | | | | | - | | - | | śc | RO | Ĺ | | | •> | ΡA | GE | | l |
| | 11 | (EF | 17 | | UH | | sк | 3 4 | | | E | ST | = 1 | , н | Ľ | .) | _ | 0 | H N | IE | R = | T | эн | 1 8 | R: | 3* | _ | SY | SI | 1AI | ME | = | | | | | | | - | | | | - | | | l |
| | N | | JI | ЛΒ | 18 | R | ат ат | J | | D I D I | 3 | 43 | q | Ť | H I A H | ie 1 | r R R | 2 | | ٢ | rτ | y 6 | 0 | | יטנ | 15 | р | Ue | es Ici | 5 | | | | | | | | | 10 | 7 | - K e | 20 | | οτ | - | l |
| | | | Ť | ЭH | 18 | R | зċ | Ĵ | ō | B 1 | 1 | 16 | š | Ť | 0 H | ii. | BR | 3 | | | | ě. | ã | Ĥ | 0 | ĹĎ | | ĩ | i C i | άĽ. | | | | | | | | | | | 96 | 01 | | | | l |
| | | | Ţ | θH | 18 | R | 3 C | J | 0 | B 1 | 1 | 24 | 7 | Ţ | 01 | 1 | BR | 3 | | | | 8 | Q | H | 0 | LD | | LO | C | ۹L. | | | | | | | | | | | 96 | 33 | | | | l |
| | | | 1 | 0 H | 18 | R: | 30 | J | U | B 1 | 1 | 27 | 3 | T | 01 | | BR | 3 | | | | 8 | Q | | U | LD | | LU | | a L | | | | | | | | | | | 96 | 13 | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | , | | | | | |
| L | | | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | | | _ | | _ | _ | | _ | _ | _ | _ | _ | _ | - | _ | _ | _ | _ | _ | | _ | _ | | l |
| Read | dy | | | | | | | | | | | | | | | | | | R | unni | ng | | 551 | | APL, | | IUMP | 10 | TO | 0229 | 7 | OVR | 0 | 10 | NUM | W | - | 4,24 | 1 | 50.45 | .37.1 | | | 09:53 | 2:30 | ķ |

10. The **SDSF PRIMARY OPTION MENU** screen is displayed. Enter **end** in the **COMMAND INPUT** field and press the **Enter** key to move one level up to the **ISPF PRIMARY OPTION MENU** screen.



11. The **ISPF Primary Option Menu** screen is displayed. Enter **end** in the **Option** field and press the **Enter** key to move one level up to the **CORPORATE TMCC PRIMARY OPTION MENU** screen.

| Сн | cro Focu | ıs Rumba - Host_Risk | | |
|-------|----------|---------------------------------|---|----|
| File | Edit Vi | iew Connection Transfer Options | Tools Help | |
| | - 19 0 | 6 8 8 × 0 6 9 6 | - 🔕 (5- 4) · 6- 4 / 6- 17 / 21 · 0 · . | |
| Ŧ | / 🔛 Hor | st_Risk X | | B |
| | Ľ | <u>f</u> enu <u>U</u> tilitie: | s <u>C</u> ompilers <u>O</u> ptions <u>S</u> tatus <u>H</u> elp | |
| | | | | |
| | 0 o t | tion ===> end | ISPF Primary Uption Menu | |
| | Up I | | Nore: + | |
| | 0 | Settings | Terminal and user parameters User ID . : T0H1BR3 | |
| | 1 | View | Display source data or listings Time : 09:56 | |
| | 2 | Edit | Create or change source data Terminal. : 3278 | |
| | 3 | Utilities | Perform utility functions Screen : 1 | |
| | 4 | Foreground | Interactive language processing Language. : ENGLISH | |
| | 5 | Batch | Submit job for language processing Hpp1 IU . : ISP | |
| | 7 | Dialog Test | Parform dialog testing TSU regin: apost | |
| | é. | Touota | Primaru menu for TOVOTA panels Sustem ID - ASYS | |
| | 9 | IBM Products | IBM program development products MVS acct. : P90H130. | |
| | 10 | SCLM | SW Configuration Library Manager Release .: ISPF 7.1 | |
| | 11 | Workplace | ISPF Object/Action Workplace | |
| | 12 | LH Facility | Library administrator functions | |
| | A | Analyzer | Rational Asset Analyzer | |
| | C | Comparex | Compare 2 source files/members | |
| | 2 | Data & Ims Vooditoo | Edit/extract/browse Seq/Vsam/IMS | |
| | E | vbeor (o). | Three active bebugger | |
| | | | | . |
| | | | | |
| Ready | _ | | Running SSL APL NUMPLD TOP02297 OVR CAP NUM W 4,17 150.45.37.1 09:56: | 13 |

12. The **CORPORATE TMCC PRIMARY OPTION MENU** screen is displayed. Enter **X** in the **OPTION** field and press the **Enter** key to exit Rumba.



5.3. Download the HOST Data Files

The Risk Management Analyst performs the following steps to download the files from HOST to the local drive:

1. Launch **WS_FTP** and click the icon shown below on the home screen to display the menu for selecting the download file type.

| Ipswitch WS_FTP Professional | | | | | | | | | | LOX |
|--------------------------------|--------------|------------------|------------------|---|---------|--------------------|-------|------------|--------------------------|--------------|
| Ele Edit View Iools Help | | | | | | | | | | |
| Connect Disconnect Connection | Wizard New I | () Local View | Options Views | • | PGP Mod | e g | | | | |
| My Computer | | 610 10 | 4 Þ | × | Ĭ | HOST Data | | | | 4 ⊳ x |
| C:\Users\russelg\Desktop\Lease | • 🙆 🍪 🤇 | | F | | | TOH 18R3. | - 🛯 🤇 | 5 O 🖻 | • = | |
| i 🕼 🖉 🖸 🖸 🖉 🖉 🖉 📮 | | | | | | : 💕 🖉 🖻 🖨 🥔 🛱 🖥 📲 | | × | Asci | |
| Name | Size | Type | Modified | - | | Name | Size | Type | Binary | |
| Documentation | | File f | 11/4/2016 9:08 | | | CLIST | | Folder | Auto (Based on File Ext) | |
| S Thumbs.db | 5 KB | Data | 1/23/2013 9:42 | | | SAS98AT | | Folder | 2/28/2017 12:0 | - |
| BVLOSS(Feb2016).xlsx | 563 KB | Mict | 3/1/2016 1:09 PM | | | SPF.PROFILE | | Folder | 2/28/2017 12:0 | |
| MATURED1.TXT | 19,059 KB | Text | 11/1/2016 1:40 | | | TABLES | | Folder | 1/30/2017 12:0 | |
| MAT2016A.TXT | 4,116 KB | Text | 11/9/2016 8:18 | | | ASYS.SAS.LIST | 9 K B | UST File | | |
| MAT2016A.xltx | 2,492 KB | Micr | 11/9/2016 8:40 | | | ASYS.SAS.LOG | 9 K B | Text Doc | | |
| MAT2016C.TXT | 1,348 KB | Text | 11/9/2016 9:45 | | | DEC2017A.TXT | 0 KB | Text Doc | | |
| MAT2016D.TXT | 49 KB | Text | 11/9/2016 2:59 | | | DESSBASE.CENT1 | 0 KB | CENT1 File | | |
| lease(Nov).txt | 1,195,669 | Text | 12/1/2016 2:50 | | | DESSBASE.CENT2 | 0 KB | CENT2 File | | |
| N0V1Q317.TXT | 757 KB | Text | 12/2/2016 8:36 | | | DESSBASE.EAST1 | 28 KB | EAST1 File | 2/28/2017 12:0 | |
| Nov-2016 BUP units.xtsx | 10 KB | Micr | 12/2/2016 8:56 | _ | | DESSBASE.EAST2 | 0 KB | EAST2 File | | |
| RVL0SS(Nov2016).stex | 700 KB | Micr | 12/2/2016 8:50 | | | DESSBASE.WEST1 | 0 KB | WEST1 F | | |
| DEC2017A.TXT | 753 KB | Text | 1/2/2017 9:34 AM | | | DESSBASE.WEST2 | 0 KB | WEST2 F | | |
| lease[Dec].bt | 1,203,408 | Text | 1/2/2017 9:38 AM | | | ESSBASE.CENT1 | 0 KB | CENT1 File | | |
| DESSBASE.WEST1 | 186,530 KB | WE | 2/1/2017 1:23 PM | 1 | | ESSBASE.CENT2 | 0 KB | CENT2 File | | |
| 1 | | | | ſ | | ESSBASE.EAST1 | 0 KB | EAST1 File | | - |
| 21 object(s) | 4,851,59 | 92 KB | | | | For Help, press F1 | | | 147 KB | _ |

2. Set the download file type as Ascii.

| Ipswitch WS_FTP Professional | | | | | | | | _O× |
|-----------------------------------|------------------------|--------------------|---------------|--------------------|-------|------------|--------------------------|--|
| Ele Edit View Iools Help | | | | | | | | |
| Connect Disconnect Connectio | n Wizard New Local Vie | ew Options Views | 3 PGP Mode | | | | | |
| Address ftp://150.45.37.1/T0H1BR3 | 3.T0H1BR: • UserID | t0h1br3 Passwo | rd ••••• | G0 g | | | | |
| My Computer | | 4 ⊳ × | | HOST Data | | | | $\triangleleft \triangleright \mathbf{X}$ |
| C:\Users\russelg\Desktop\Lease | - 🚱 🍪 🖸 🗉 | | | TOH18R3. | - 🐼 🤆 | 0 | •. | _ |
| i 🕼 🕫 🖉 🖉 🖓 🔒 💭 📕 | | - | | i 💕 🕙 🖻 🖬 🤣 💭 🖻 💂 | | ~ | Asci | |
| Name | Size Type | Modified | | Name | Size | Type | Binary | × |
| JE Documentation | File f | . 11/4/2016 9.08 | | CUST | | Folder | Auto (Based on File Ext) | |
| Thumbs.db | 5KB Data | . 1/23/2013 9.42 | | SAS88AT | | Folder | 2/28/2017 12:0 | - 1 |
| RVLOSS(Feb2016).stsx | 563 KB Mict | 3/1/2016 1:09 PM | | SPF.PROFILE | | Folder | 2/28/2017 12:0 | |
| MATURED1.TXT | 19,059 KB Text | 11/1/2016 1:40 | | TABLES | | Folder | 1/30/2017 12:0 | |
| MAT2016A TXT | 4,116 KB Text | 11/9/2016 8:18 | | ASYS.SAS.LIST | 9 K.B | LIST File | | |
| MAT2016A.xlix | 2,492 KB Micr | 11/9/2016 8:40 | | ASYS.SAS.LOG | 9 K B | Text Doc | | |
| MAT2016C.TXT | 1,348 KB Text | 11/9/2016 9.45 | | DEC2017A.TXT | 0 KB | Text Doc | | |
| MAT2016D.TXT | 49 KB Text | 11/9/2016 2:59 | | DESSBASE.CENT1 | 0 K.B | CENT1 File | | |
| lease(Nov).txt | 1,195,669 Text | 12/1/2016 2:50 | | DESSBASE.CENT2 | 0 KB | CENT2 File | | |
| N0V1Q317.TXT | 757 KB Text | 12/2/2016 8:36 | | DESSBASE.EAST1 | 28 KB | EAST1 File | 2/28/2017 12:0 | |
| Nov-2016 BUP units xlsx | 10 KB Micr | 12/2/2016 8:56 | | DESSBASE.EAST2 | 0 KB | EAST2 File | | |
| RVL0SS(Nov2016) x8x | 700 KB Mict | 12/2/2016 8:50 | | DESSBASE.WEST1 | 0 KB | WEST1 F | | |
| DEC2017A.TXT | 753 KB Text | . 1/2/2017 9:34 AM | | DESSBASE.WEST2 | 0 KB | WEST2 F | | |
| lease[Dec].bt | 1,203,408 Text | . 1/2/2017 9:38 AM | | ESSBASE.CENT1 | 0 KB | CENT1 File | | |
| DESSBASE.WEST1 | 186,530 KB WE | 2/1/2017 1:23 PM - | | ESSBASE.CENT2 | 0 KB | CENT2 File | | |
| च | | | | ESSBASE.EAST1 | 0 KB | EAST1 File | | - |
| 21 object(s) | 4,851,592 KB | | | For Help, press F1 | | | 147 KB | _ |

- 3. Select the following six files to download from the **HOST Data** section, as displayed in the screenshot below:
 - DESSBASE.CENT1
 - DESSBASE.CENT2
 - DESSBASE.EAST1
 - DESSBASE.EAST2
 - DESSBASE.WEST1
 - DESSBASE.WEST2

| Ipswitch WS_FTP Profession. | al | | | | | | | | | | - D × |
|--------------------------------|--------------------|------------|------------------|--------|---------|----------------------|--------|------------|----------------|------------|--|
| Ele Edit Yew Iooks Hel | p | | | | | | | | | | |
| Connect Disconnect Conne | ction Wizard New I | Cocal View | Options View | | BGP Mod | | | | | | |
| Address ftp://150.45.37.1/10H1 | BR3.TOHIBR . Us | erID tih | ibr3 g | asswor | d | Go g | | | | | |
| Hy Computer | | | 4 | × | | HOST Data | | | | | ${\boldsymbol{\triangleleft}} \Vdash {\boldsymbol{X}}$ |
| C.\Users\russelg\Desktop\Lev | ase 👻 🎯 🌝 🤇 |) E · | 5 | | | TOH 18R3 | - 6 9 | 00 | | | |
| (C C C C C C C C) | | | | | | 00000000000 | | | | | |
| Name | Size | Type | Modified | | | Name | Size | Туре | Modified | Attributes | |
| Documentation | | File f | 11/4/2016 9.08 | | | CUST | | Folder | 2/28/2017 12.0 | | |
| 🚳 Thumbs.db | 5 KB | Data_ | 1/23/2013 9.42 | | | SAS88AT | | Folder | 2/28/2017 12.0 | | |
| RVL055(Feb2016) xlsx | 563 KB | Micz_ | 3/1/2016 1:09 PM | | | SPF.PROFILE | | Folder | 2/28/2017 12:0 | | |
| MATURED1.TXT | 19,059 KB | Test | 11/1/2016 1:40 | | | TABLES | | Folder | 1/30/2017 12.0 | | |
| MAT2016A.TXT | 4,116 KB | Test | 11/9/2016 8:18 | | | ASYS.SAS.LIST | 9 K.B | UST File | | | 0.00 |
| MAT2016A.xlox | 2,492 KB | Micr_ | 11/9/2016 8.40 | | | ASYS.SAS.LOG | 9 K B | Text Doc | | | |
| MAT2016C.TXT | 1,348 KB | Test | 11/9/2016 9.45 | | Dow | nioad DEC2017A TXT | OKS | Text Doc | | | |
| MAT 2016D, TXT | 49 KB | Test_ | 11/9/2016 2:59 | | | DESSBASE CENT1 | 0KB | CENT1 File | | | |
| lease(Nov).bit | 1,195,669 | Test | 12/1/2016 2:50 | | | DESSBASE CENT2 | OKB | CENT2 File | | | |
| N0V1Q317.TXT | 757 KB | Test | 12/2/2016 8:36 | | | DESSBASE EAST1 | 28 K.B | EAST1 File | 2/28/2017 12.0 | | |
| Nov-2016 RUP units stor | 10 KB | Micr | 12/2/2016 8.56 | | | DESSBASE EAST2 | 0KB | EAST2File | | | |
| RVL055(Nov2016) dox | 700 KB | Mict_ | 12/2/2016 8.50 | | | DESSBASE WEST1 | OKB | WEST1F | | | |
| DEC2017A TXT | 753 KB | Test | 1/2/2017 9.34 AM | | | DESSBASE WEST2 | OKB | WEST2F | | | |
| lease(Dec) bit | 1,203,408 | Test | 1/2/2017 9.38 AM | | | ESSBASE.CENT1 | OKB | CENT1 File | | | |
| DESSBASE.WEST1 | 186,530 KB | WE_ | 2/1/2017 1:23 PM | - | | ESSBASE CENT2 | OKB | CENT2 File | | | |
| 4 | | | | > | | ESSBASE.EAST1 | OKB | EAST1 File | | | - |
| For Help, press F1 | 4,851,59 | 2.168 | | 100 | | 6 object(s) selected | | | 27 KB | | |
| Information Window | | | | | | | | | | | 4 × |
| Source / State | ut Operati | on I Is | andered Rate 9 | (B/SI) | 10 | Size Time Left | | | | | |

4. Click the green left arrow to download the selected files.

| Ipswitch WS_FTP Profession | sal | | | | | | | | | -1012 |
|--------------------------------|----------------------|-----------|-------------------|-------|-----------------------|-------|------------|----------------|------------|-------|
| Ele Edit View Iools Hel | lp . | | | | | | | | | |
| Connect Disconnect Conne | ection Wizard New I | ocal View | Options View | | PGP Mode F | | | | | |
| Address ftp://150.45.37.1/TOH1 | 18R 3. TOH 18R + Use | erID to | hibr3 g | asswo | ord | | | | | |
| My Computer | | | - 40 | × | HOST Data | | | | | 4 Þ 🗙 |
| C:\Users\russelg\Desktop\Le | ase 👻 🍪 🍪 🤇 | 9 11 - | Ŧ | | TOH18R3. | - 6 9 | 00 | • | | |
| | - | | - | | 0000000 | 3 | | | | |
| Name | Size | Туре | Modified | | Name | Size | Туре | Modified | Attributes | |
| Documentation | | File f | 11/4/2016 9:08 | | CLIST | | Folder | 2/28/2017 12:0 | | |
| Thumbs.db | 5 K.B | Dala | 1/23/2013 9.42 | | SAS88AT | | Folder | 2/28/2017 12.0 | | |
| RVLOSS[Feb2016].xlsx | 563 KB | Micr | 3/1/2016 1:09 PM | | SPF.PROFILE | | Folder | 2/28/2017 12:0 | | |
| MATURED1.TXT | 19,059 KB | Text | 11/1/2016 1:40 | | TABLES | | Folder | 1/30/2017 12:0 | | |
| MAT2016A.TXT | 4,116 KB | Text | 11/9/2016 8:18 | | ASYS.SAS.LIST | 9 K B | UST File | | | |
| MAT2016A.xitx | 2,492 KB | Mict | 11/9/2016 8:40 | | ASYS.SAS.LOG | 9 KB | Text Doc | | | |
| MAT2016C.TXT | 1,348 KB | Text | 11/9/2016 9.45 | | Download DEC2017A TXT | 0 KB | Text Doc | | | |
| MAT2016D.TXT | 49 KB | Text | 11/9/2016 2:59 | | DESSBASE CENT1 | 0 KB | CENT1 File | | | |
| lease(Nov) bit | 1,195,669 | Text | 12/1/2016 2:50 | | DESSBASE CENT2 | 0 KB | CENT2 File | | | |
| N0V10317.TXT | 757 KB | Text | 12/2/2016 8:36 | | DESSBASE EAST1 | 28 KB | EAST1 File | 2/28/2017 12:0 | | |
| Nov-2016 RUP units star | 10 KB | Micr | 12/2/2016 8:56 | - | DESSBASE EAST2 | 0 KB | EAST2 File | | | |
| RVL0SSINov2016Lxltx | 700 KB | Micr_ | 12/2/2016 8:50 | | DESSBASE WEST1 | 0 KB | WEST1 F | | | |
| DEC2017A.TXT | 753 KB | Text | 1/2/2017 9:34 AM | | DESSBASE WEST2 | 0 KB | WEST2F | | | |
| lease(Dec).txt | 1,203,408 | Text | 1/2/2017 9:38 AM | | ESSBASE.CENT1 | 0 KB | CENT1 File | | | |
| DESSBASE.WEST1 | 186,530 KB | WE | 2/1/2017 1:23 PM | +1 | ESSBASE.CENT2 | 0 KB | CENT2 File | | | |
| • | | | | • | ESSBASE.EAST1 | 0 KB | EAST1 File | | | - |
| For Help, press F1 | 4,851,59 | 2 KB | | | 6 object(s) selected | | | 27 KB | | 1 |
| Information Window | | | | | | | | | | ę x |
| Source Stat | tus Operati | on T | ranslessed Bate B | B/S1 | Size Time Let | | | | | |

5. The **File Exists** prompt is displayed. Select the **Overwrite All** button to overwrite all the files on the local hard drive.

| Ipswitch WS_FTP Professional | | | | | | | | - 101 X |
|--|---|----------------------------------|--|----------|------------|----------------|------------|---------|
| File Edit View Tools Help | | | | _ | _ | | | |
| Connect Disconnect Connection Address fp://150.45.37.1/T0H1BR3. | Wizard New Local View Option TOH1BR - UserID t0h1br3 | s Views F | Go go | | | | | |
| My Computer | | ${\bf 4} \triangleright {\bf X}$ | HOST Data | | | | | 4 Þ 🗙 |
| C\Users\usselg\Desktop\Lease | - 🔗 📀 i O 🛛 - 📕 | | TOH1BR3 | 900 | 51 🗢 🔞 | -]] | | |
| 1000000000 | E | | SOCROR. | | | E | | |
| Name | Size Type Modified | | Name | . Sice | Type | Modified | Altributes | |
| Documentation | Fiel. 1 File | ixists | 2 | 4 | Folder | 2/28/2017 12:0 | | |
| N Thumbs.db | 5K8 Data 1 | | | | Folder | 2/28/2017 12:0 | | |
| BVL0SS(Feb20161xd:x | 563 KB Mice. 3/ File | DESSBASE.CEN | T2 already exists, select an option: | | Folder | 2/28/2017 12:0 | | |
| MATURED1.TXT | 19,059 KB Text 11 | | | | Folder | 1/30/2017 12:0 | | |
| MAT2016A.TXT | 4,116KB Test 11 Re | place file dated: 2/ | 1/2017 1:24:33 PM, Size: 135.025.696 Bytes | 9 K B | LIST File | | | _ |
| MAT2016A.xlsx | 2,492 KB Micr., 11 | | | 9KB | Text Doc | | | |
| MAT2016C.TXT | 1,348KB Test 11 W/ | h file dated 1/1/1 | 601 12:00:00 AM. Size: 0 Bytes | 0 KB | Text Doc | | | |
| MAT2016D.TXT | 49KB Test 11 | | | 0 KB | CENT1 File | | | |
| eate(Nov).txt | 1,195,669 Test 12 | | | 0 KB | CENT2Fie | | | |
| NOV10317.TXT | 757 KB Test 12 | 0 | 61 in 1 | 28 KB | EAST1 File | 2/28/2017 12:0 | | |
| 21 Nov-2016 RUP units size | 10 KB Micr. 12 | Overwixe | 36.0 | 0.08 | EAST2 File | | | |
| 201 BVLOSS(Nev2016) vtrx | 200 KB Micr. 12 | 0 | Chinese 1 Council | 0 KB | WESTLE | | | |
| DEC2017A TXT | 753K8 Test. 1/ | Overwise Aa | Skip Ali Cancei | OKB | WEST2E | | | |
| and Decited | 1 203 408 Lest 1/2720 | 7938AM | ESSBASE DEN D | 0.00 | CENTLEA | | | |
| DESSBASE WEST1 | 185 530 KB WE 2/1/201 | 71:23 PM | ESSBASE CENT2 | 0 KB | CENT2EM | | | |
| | | | ESSBASE EAST1 | OKB | EAST1 File | | | |
| 21 object(s) | 4,853,196 KB | | 2 object(s) selected | | | 27 KB | | |
| Information Window | | | . , | | | | | |
| Source / Status | Operation Transferrer | Rate (KB/S) | Size Time Left | | | | | |
| - A HOST Data/T0H18R Paused | 47,639,36/ | 743 | 27,810 | | | | | 1 |
| E- & HOST Data/T0H18R Paused | 744,963,393 | 2 0.00 | 111,240 | | | | | 1 |
| HOST Data/T0H15R Starting Tr. | ans 🦊 🚺 | 0.00 | 27,810 | | | | | |
| | - | | | | | | | 1 |
| Transfer Manager Transfer History | Connection Log | | | | | | | |

6. Once the downloads are complete, exit the **WS_FTP** application. The application will display a warning if all the files have not been downloaded.

5.4. Prepare the Lease.txt File

The Risk Management Analyst performs the following steps to prepare the **lease.txt** file:

1. Go to the Windows Start menu and launch Command Prompt.

| Command Prompt | | |
|---------------------------|---|--|
| Skype for Business 2015 | | |
| Adobe Reader XI | • | |
| Gear Opboard | | |
| Remote Desktop Connection | • | |
| Apple Software Update | | |
| Microsoft Visio 2010 | | |
| Start Single Sign-on | | |
| Check For Updates | | |
| About Java | | |
| (I) iTunes | | |
| Data Sources (008C) | | |
| All Programs | | |
| Search programs and files | | |

- 2. The Windows **Command Prompt** is displayed. Change to appropriate local folder by performing the below steps:
 - a. Enter **cd desktop** to change active directory to **Desktop**.
 - b. Enter lease cube project to change active directory to lease cube project.

| Command Prompt | - U X |
|--|-------|
| Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. | - |
| C:\Users\russelg>cd desktop\lease cube project | |

- 3. Enter the command, **copy dessbase.* lease.txt**, to create the file, **lease.txt**. The command copies the following six files downloaded from HOST in <u>section 5.3</u> to **lease.txt**:
 - DESSBASE.CENT1
 - DESSBASE.CENT2
 - DESSBASE.EAST1
 - DESSBASE.EAST2
 - DESSBASE.WEST1
 - DESSBASE.WEST2

| Command Prompt | |
|--|----------|
| Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. | _ |
| C:\Users\russelg>cd desktop\lease cube project | |
| C:\Users\russelg\Desktop\Lease Cube Project}copy dessbase.* lease.txt | |

The files will be copied to **lease.txt** and a notification is displayed.



4. Enter **Exit** to exit the command prompt screen.



5. Copy lease.txt file to the following location on the LeaseInput shared drive:

'tcppapp117.XXX.zzz.com' (G):\LeaseInput

6. Outputs Created

This section lists the outputs created as part of this process.

| Output Name | Output Type | Output Location |
|-------------|-------------|--|
| lease.txt | Text file | <u>'tcppapp117.xxx.yyy.com'</u> (G):\LeaseInput |

7. Version History

This section provides the document version history.

| Version | Date | Change Owner | Change Request No. | Change Details |
|---------|-----------------------------|--------------------------|-----------------------|-----------------------|
| 1.0 | Month in words/Date/Year | Name of the change owner | Change request ID | Change description |