

The IBM Health Checker for z/OS is a must-have System Monitor that reports specific configuration exceptions as measured against documented rules. NewEra's Image FOCUS performs a similar function monitoring the IPLPath for configuration findings that could result in a future IPL Failure due to syntax and/or resource reference errors.

IPLCheck/AI merges the two together and in doing so presents the "Total Picture" of potential z/OS vulnerability, fully automates the process of scheduling and extraction, sending discovered exceptions, findings, dynamic changes and configuration changes via Email and/or SFTP and/or Alerts to ServiceNow as you direct.

It also provides an Integrated Development Environment (IDE) to ease Model Training and Exploratory Data Analysis (EDA) of findings, exceptions and changes.

IPLCheck/AI – Core Functions

ICE19.0

IDE Panel Walk-Through

IPLCheck/AI uses a Rule Based Model for Predictive z/OS Failure Aalysis (PFA)



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1 Foreword

These foreword passages are intended to give context to the remaining document content.

1.1 Purpose

This document is intended for use by those who wish to gain quick insight into the function and offering of the IPLCheck/AI's 3270 interface and Integrated Development Environment (IDE) manifest as a set of ISPF panels that are accessed from a TSO Command Line or the Integrity Controls Environment (ICE) Command Line.

1.2 AI Mission

Our AI development mission is to build practical, rule-based applications that retrieve information directly from a given z/OS environment and use that information to make smart, fact-based predictions all within specific, well-defined operating system and subsystem domains using if-then conditional training logic.

1.3 Structure

This document is divided into three major chapters each with supporting detail. They provide:

- Findings – Errors, Warnings, Notices as reported by Image FOCUS that indicate areas of potential concern discovered along the z/OS IPL Path of a specific z/OS Image;
- Exceptions – High, Medium, Low as reported by the IBM Health Checker for z/OS. They broaden the scope of discovery into areas not within that of Image FOCUS;
- Changes – Both Dynamic and Static Changes as determined by comparison of Parmlib settings against running in memory settings or a configuration baseline.

1.4 Prerequisites

To use the document as intended, it would be best to have completed the installation of IPLCheck/AI Core Functions (see the Core Functions User Guide) and have access to its Primary Findings Dashboard from the TSO Command Line. Once facilitated in this way, use the 3270 access and follow along with the screen shots in this “Picture Book” and the narrative that follows.

1.5 Support

Should questions arise during a review, answers may be found in the User Guide or by emailing NewEra Technical Support at support@newera.com.

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3 IPLCheck/AI - Initial Access

The IDE interface offers access to three distinct but integrated Dashboards – Findings, Exceptions, Changes and their underlying supporting detail. Substantially, nearly all of the supporting detailed data is extracted in real-time and is used to support Exploratory Data Analysis (EDA). The exception is Trace/Logs which are created under the control the IBM Health Checker or an internal interval scheduler. To reach the interface a user needs authorized access to the TSO Command and TSO logon procedure that supports Image FOCUS environment.

The figure displays three screenshots of the IPLCheck/AI Integrated Development Environment (IDE) interface, showing different dashboards:

- Findings:** The top-left screenshot shows the 'Findings' dashboard, displaying a table of errors, warnings, and notices. The table includes columns for image names (Ima-01 to Ima-32), dates (12/30/25, 12/31/25), and various status indicators (GOLD, SYSA, SYSB, SYSC, SYSD, SYSE). A label 'Findings Errors – Warnings – Notices' is overlaid on the image.
- Exceptions:** The middle-left screenshot shows the 'Exceptions' dashboard, displaying a table of exceptions. The table includes columns for image names (Ima-01 to Ima-32), dates (12/30/25, 12/31/25), and various status indicators (GOLD, SYSA, SYSB, SYSC, SYSD, SYSE). A label 'Exceptions High – Medium – Low' is overlaid on the image.
- Changes:** The right screenshot shows the 'Changes' dashboard, displaying a table of changes. The table includes columns for image names (Ima-01 to Ima-32), dates (12/30/25, 12/31/25), and various status indicators (GOLD, SYSA, SYSB, SYSC, SYSD, SYSE). A label 'Changes Additions – Deletions - Changes' is overlaid on the image.

3.1 Using the Correct PROCEDURE

To access the IPLCheck/AI TSO Command Line Interface you must have a valid TSO UserId and Password and system access via the proper logon procedure. In this example, that is CESAPROC as shown below.

```
----- TSO/E LOGON -----

Enter LOGON parameters below:                                RACF LOGON parameters:

Userid    ==> PROBI1

Procedure ==> CESAPROC                                       Group Ident ==>

Acct Nmbr ==> ACCT#

Size      ==> 600000

Perform   ==>

Command   ==>

Enter an 'S' before each option desired below:
-New Password  -Nomail  -Nonotice S -Reconnect  -OIDcard
```

From this panel logging on as usual should result in the Primary TSO/ISPF Menu.

3.2 Using the Line Command - TSO \$CLI,*CKIDE

```
Menu  Utilities  Compilers  Options  Status  Help
      ISPF Primary Option Menu
0  Settings      Terminal and user parameters      User ID . : PROBI1
1  View          Display source data or listings    Time. . . : 06:43
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 . : ISR
6  Command        Enter TSO or Workstation commands  TSO logon : CETSO
7  Dialog Test    Perform dialog testing          TSO prefix: PROBI1
9  IBM Products   IBM program development products      System ID : SYSA
10 SCLM           SW Configuration Library Manager    MVS acct. : ACCT#
11 Workplace      ISPF Object/Action Workplace        Release . : ISPF 7.5
M  More           Additional IBM Products

      Enter X to Terminate using log/list defaults

Option ==> TSO $CLI,*CKIDE
```

On the Command Line, enter TSO \$CLI,*CKIDE to display the Image Findings Dashboard as shown next.

4 IPLCheck/AI - Findings Dashboard

The first panel reports Image FOCUS findings for all images whose Trace/Logs share a common IPLCheck/AI naming convention – ifohlq.IPLCHECK.image.LOG. These sequential log datasets are referred to as the “Collective” and are named dynamically by Image FOCUS from information derived in the IPLCHECK PROC. These datasets remain persistent from execution to execution and are discovered and evaluated anew in real-time with each logon.

The names of the images are shown in the second line of the thirty-two table blocks. One is shown in “Gold” text and represents a standard (which can be set/reset) against which all other Images can be compared. One is shown in “Green” to indicate the “Home Image”, that is, the running system that is currently logged on. The remainder are shown in “White” text and are remote systems, perhaps in the same sysplex or perhaps other systems running IPLCheck/AI. The logs from remote systems can be copied into a common repository to create a larger collective as long as they share the common Trace/Log dataset naming convention – ifohlq.IPLCHECK.image.LOG.

NSIMIPL:1229 IPL 19.0 - IPLCheck/AI - Findings Compare Images											
13:48:05											
.. Ima-01	/. Ima-02	.. Ima-03	.. Ima-04	.. Ima-05	/. Ima-06	.. Ima-07	.. Ima-08	.. Ima-09	.. Ima-10	.. Ima-11	.. Ima-12
GOLD	SYSA	SYSB	SYSC	SYSD	SYSE	----	----	----	----	----	----
12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	----	----	----	----	----	----
0,0,12	0,0,12	0,1,12	0,1,12	0,1,12	0,1,12	----	----	----	----	----	----
DIFF	*DIFF*	*DIFF*	*DIFF*	*DIFF*	*DIFF*	----	----	----	----	----	----
.. Ima-09	.. Ima-10	.. Ima-11	.. Ima-12	.. Ima-13	.. Ima-14	.. Ima-15	.. Ima-16	.. Ima-17	.. Ima-18	.. Ima-19	.. Ima-20
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
.. Ima-17	.. Ima-18	.. Ima-19	.. Ima-20	.. Ima-21	.. Ima-22	.. Ima-23	.. Ima-24	.. Ima-25	.. Ima-26	.. Ima-27	.. Ima-28
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
.. Ima-25	.. Ima-26	.. Ima-27	.. Ima-28	.. Ima-29	.. Ima-30	.. Ima-31	.. Ima-32	.. Ima-33	.. Ima-34	.. Ima-35	.. Ima-36
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----	----	----	----	----
Gold Model was SYSA Err War Not Aok Dif Sme Loc Show Exceptions											

4.1 Individual Finding Dashboards

Each individual image has its own unique set of findings as seen on the fourth line, in this order – Errors, Warnings, Notices. The “Block” color reflects the highest severity, Red for Errors, Yellow for Warnings and Turquoise for Notices. Below, on the fifth line, are the results of the Dynamic Change Analysis. “*DIFF”, in Blue, to indicate a change in –

Symbols, APFList, BPXParms, BPXMountPoints, LNKList, LPAList or RNLList, “*SAME”, in White, indicates no dynamic change. The second line shows the date when the Inspection was taken to create the resulting Trace/Log dataset.

4.2 Image to Image Compare

The findings of any one Image can be compared against any other. To do this “Check” the entry point above the Image Name, check one for each Image required and press enter.

```

NSIMIPL:1229  IPL 19.0 - IPLCheck/AI - Base Lines  Compare Images
13:55:37
/. Ima-01 / Ima-02 .. Ima-03 .. Ima-04 .. Ima-05 .. Ima-06 .. Ima-07 .. Ima-08
GOLD SYSA SYSB SYSC SYSD SYSE -----

```

This will display the Image/Image Compare panel.

```

NSIMIPL:1223  IPL 19.0 - IPLCheck/AI Image/Image Compare
IPLPath Findings by Image FOCUS

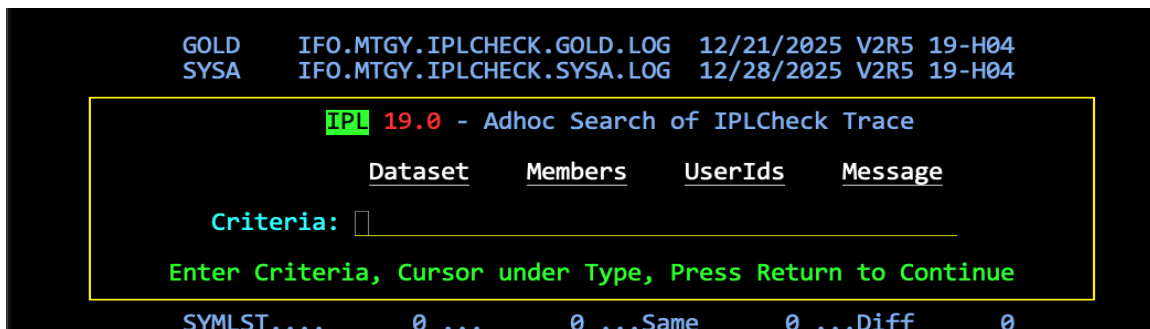
----- Source Inspection Logs with Specifics -----
I  GOLD IFO.MTGY.IPLCHECK.GOLD.LOG 12/21/2025 V2R5 19-H04
   SYSA IFO.MTGY.IPLCHECK.SYSA.LOG 12/28/2025 V2R5 19-H04

----- Results of Finding Comparisons -----
-- Risk -- GOLD ... SYSA ----- Comparison -----
Errors.... 0 ... 0 ...Same 0 ...Diff 0
Warnings.. 1 ... 0 ...Same 0 ...Diff 1
Notices... 12 ... 12 ...Same 12 ...Diff 0
HeadsUp... 52 ... 52 ...Same 52 ...Diff 0

----- Results of Dynamic Comparisons -----
-- List -- GOLD ... SYSA ----- Comparison -----
SYMLST.... 0 ... 0 ...Same 0 ...Diff 0
APFLST.... 1 ... 1 ...Same 1 ...Diff 0
BPXLST.... 0 ... 0 ...Same 0 ...Diff 0
MNTLST.... 6 ... 0 ...Same 0 ...Diff 6
LPALST.... 24 ... 24 ...Same 23 ...Diff 2
LNKLST.... 1 ... 1 ...Same 1 ...Diff 0
RNLLST.... 0 ... 0 ...Same 0 ...Diff 0

```

The panel shows, in a summary format, the “Risk” reported by findings for each of the selected Images. At the top of the panel, the name of each and its source Trace/Log is shown. These fields are “Hot”, cursor under them to display additional detail. For example, cursor under the Image name and press enter to display the Trace/Log Search panel, shown on the next page.



Cursor under each of the Major Categories – Dataset, Members, UserIds, Message and press enter to display a listing (record number, related text) of a category’s appearance within the selected Image Trace/Log. As needed, cursor into the Criteria entry point and enter an ad hoc string and press enter to display its appearance (record, number, related text) within the Trace/Logs in response to the prompt.

Cursor under the full Trace/Log name to display its content.

Take note that to the right of the dataset name are shown – Date of Trace/Log, z/OS Release, Image FOCUS Release. In the lower part of the panel are shown two sections for comparison of “Risk” – First, Findings and Second, Dynamic Changes.

Both of these panel sections behave in the same way. The two initial columns show, side-by-side total values of each of the selected Images. Comparison columns show the counts of conditions that are the same and those that are different. While differences may be of primary interest, all “Values” are “Hot”, so selecting any will display additional detail.

4.1 Additional Dashboard Attributes

In addition to the functions described, the Dashboard also supports:

4.1.1 Panel Time

Panel time is the time when the panel was created. Since all the values shown are gathered in “Real Time” it may be necessary to reset/update the panel from time to time. To update the panel cursor under the time value and press enter. Take note of the updated time.

4.1.2 Gold Image Name

A Gold Image can be created/named against which all other Images can be compared to determine “Drift” from – Golden Findings, Exceptions and Changes. When such a Gold Image exists, its original name will appear in the lower section of the dashboard.

4.1.3 Show Exceptions

To move on to Exceptions – High, Medium, Low as reported by the IBM Health Checker for z/OS, cursor under Show Exceptions, shown in the lower right of the panel and press enter.

5 The Individual Image Summary

Each Individual Image is backed up with a more detailed representation of its Findings, Exceptions and Changes. To display an Image Summary, which shows all three, cursor under the Image name and press enter.

Take note that the Image Summary is the same for all Images with the exception that the Home Image provides additional access, for authorized users, to the “Training” functions – Weights, Monitoring and GuardRails.

The Image Summary offers a plethora of functions. Those shown in underscore white are dedicated to showing extracts taken directly from Trace/Log, Health Checker, Dynamic and Baseline changes. Those in underscore yellow link additionally to reports and displays, while the Weights, Monitoring and GuardRails links to Training parameters. All are “Hot”, so cursor under any and press enter to explore additional detail or settings.

As necessary, PF3 back to the Dashboard and cursor under other Images to display their unique Image Summaries.

```

NSIMIPL:1223  IPL 19.0 <- IPLCheck/AI - Image Summary  H2 CK  PROBI1

  IP/Sec  Last Run: 12/28/2025 at 08:32:06 Age: 00  IFO: 19-H04
          Insp Log: IFO.MTGY.IPLCHECK.SYSA.LOG          Weights  Search
          CurrFind: Err: 0 War: 0 Not: 12 Inf: 52 : Backups
          LastFind: Err: 0 War: 1 Not: 12 Inf: 52 : History
          Last IPL: 12/27/2025 at 006:9:74 Age: 01  zOS: V2R5
  MkGold  Unit Adr: 0A80 Load: 0A83X1.1 IODF: 0A83 Mbr: LOADX1
          DynChge: SYM: 0 APF: 1 BPX: 0 MNT: 0 LPA: 24 LNK: 1
          HltCheck: Hig: 2 Med: 9 Low: 7
          Last Bln: 12/24/2025 at 08:33:39 Age: 04
  Update  Baseline: IFO.MTGY.IPLCHECK.SYSA.BLN
          BlnChngs: Add: 1 Del: 0 Cng: 1 Ttl: 2 Aok: 69

  -- ----- Discovery Prompts - Cursor Under Press Enter ----- -- ----
  01 The Image Dataset Listing      The Image Volume Listing      .. Prnt
  02 Prevailing Keywords & Values   Prevailing Members & Findings
  03 The APF Dataset Analysis       IPLPath by Member by Date      .. Copy
  04 Static System Symbols          Common System Storage
  05 User's Program Properties:PPT  IBM's Program Properties:PPT   .. Mail
  06 Dataset by Volume Mapping      z/OS UNIX System Services

                                     Monitoring  GuardRails

```

5.1 Image Summary – Restrictions

Image Summary functions Monitoring and GuardRails are restricted to only the Home Image or when GuardRails are in place and active only for permitted Users.

5.2 The Image Summary - Header

What follows is a detailed description of each field/value within the Image Summary.

At the very top of the panel the Title Line appears:

```
NSIMIPL:1229  IPL 19.0 <- IPLCheck/AI - Image Summary  Hz Ck  PROBI1
```

5.2.1 The Application Identifiers

The Application name - NSIMIPL, ICE Release, -19.0, Panel Title – IPLCheck/AI – Image Summary and the Status of the Health Checker and IPLCheck/AI Started Task.

5.2.2 Health Checker Operation Status

If the Health Checker on the local/running system is up, “Hz” will be shown in Green, if not up, it will be shown in Red. Either condition can be toggled by cursoring into the text and pressing enter. It should be up.

5.2.3 IPLCheck/AI Operational Status

If IPLCheck on the local/running system is up, “Ck” will be shown in Green, if not up, it will be shown in Red. Either condition can be toggled by cursoring into the text and pressing enter. It should be up.

5.3 The Image Summary - Body

Below the Title Line is the Panel Body, it contains the following:

5.3.1 Last Run:

The Date, Time and Age of the Last Trace/Log Inspection Execution.

5.3.1.1 IFO Release

The Image FOCUS release that conducted the Last Inspection Execution.

5.3.2 Insp Log:

The name of the Trace/Log Dataset – “Hot” click to view.

5.3.2.1 Weights

Weights allow for Site specific training of findings – “Hot” click for Interface.

5.3.3 CurrFind:

Findings in current Trace/Log – “Hot” click each to view details.

5.3.3.1 Backups

If Green, denotes “Backups Verified”, if Red, Backups not verified.

5.3.4 LastFind:

Shows values derived from the Prior/Last Finding.

5.3.4.1 History

Maintains a limited History of Panel Values. “Hot” click to view.

5.3.5 Last IPL:

The Date, Time and Age of the most recent System IPL.

5.3.5.1 z/OS Release

The z/OS Release discovered in the most recent IPL.

5.3.6 Unit Adr:

Unit address, Load Parm, IODF used in most recent IPL.

5.3.6.1 LOAD Member

LOAD Member used in most recent IPL. “Hot” click to view.

5.3.7 DynChnge:

Dynamic Changes counts by type. “Hot” click to view detail of each.

5.3.8 HltCheck:

Health Checker Exceptions – High, Medium, Low. “Hot” click to view detail.

5.3.9 Last Bln:

Date, Time, Age of Last Configuration Baseline.

5.3.10 Baseline:

Name of current Baseline Sequential Dataset. “Hot” click to show content.

5.3.11 BlnChngs:

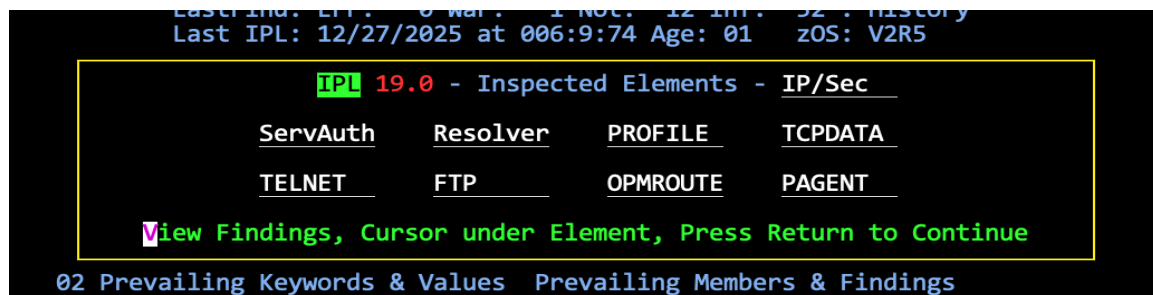
Member changes from Baseline - Add, Del, Cng. “Hot” click to view detail.

5.4 Image Summary – Side-Bar

Several Image Summary functions appear to the left and right of the main body in a side-bar. Following is a description of each.

5.4.1 IP/Sec

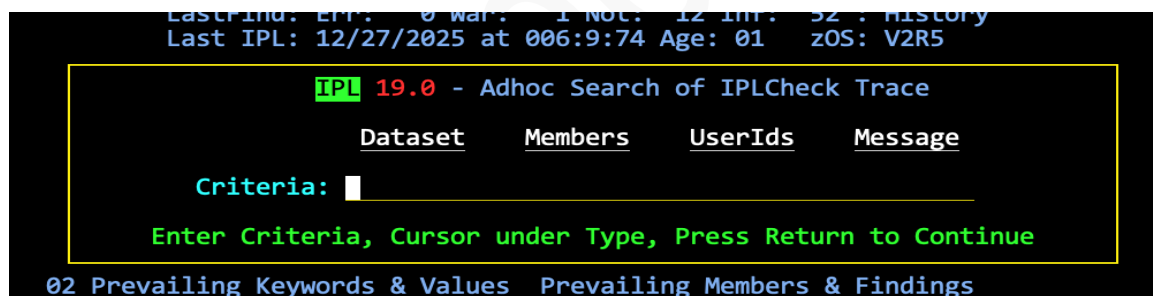
IP/Sec is an optional licensed feature. If the license is present in NSEPRM, the following table will be displayed when IP/Sec is selected.



Cursor under the white underlined text to display the corresponding Inspection Report.

5.4.2 Search

Search will query the content of the Trace/Log Dataset for predetermined types – Dataset, Members, UserIds, Message. Ad Hoc strings can be entered as Criteria. Cursor under and press enter to show the resulting reports.



5.4.3 MkGold/AmGold

Any Image FOCUS Trace/Log, related Image Health Check Status and Image Baseline can serve as the “Gold Standard” to be shown as the “Gold” Image, in yellow text, in all three Dashboards – Findings, Exceptions, Changes. If the text shown is “MkGold”, click it to promote the named Trace/Log accordingly. If it shows “AmGold”, click it to demote the Trace/Log. If this is the case, the Name of the Gold Image will be “----” when shown in any Dashboard.

5.4.4 Create/Update

Any Image FOCUS Trace/Log can serve as the basis for a Configuration Baseline. If the text states “Create”, click it to create a Baseline from the existing/current Trace/Log. If the text states “Update”, click to update and reset the Baseline. Note the panel does not support deleting the Baseline. If that is a requirement the full name is shown and can be copied.

Next, using ISPF 3.4 locate the dataset and delete it. Note that Baseline datasets are HASHed; any modification will be detected and negate attempted change detection.

5.5 Image Summary - Discovery Prompts

Below this heading in the lower part of the panel are twelve Compliance Reports that are updated with each interval execution. Cursor under the report prompt and press enter to display the report text.

5.5.1 Discovery Prompt – Side-Bar

To the right of the prompt list are three related functions shown in Yellow underscored Text – Prnt, Copy, Mail. Individually they may be used in conjunction with any report. To set the function “ON”, check the insert point that precedes it. Next select and display a report. On PF3, a Pop-Up will request confirmation of the function’s usage.

5.5.1.1 Prnt

Check to invoke the TSO Hardcopy Utility.

5.5.1.2 Copy

Check to invoke to the TSO Move/Copy Utility.

5.5.1.3 Mail

Take note, Personal Email will require the general setup of the email function as defined in PARMLIB member NSEENSxx, including the assignment of Subject, Recipients and Sender using the Email Notification function.

5.5.2 Personal Email

A personal Email may be sent containing the content of any report if Mail is Checked before the selection of a report. Doing so will display the report first and then Your Email Settings panel as shown below.

```

NSIMIPL:1229  IPL 19.0 - IPLCheck/AI - Your Email Settings  PROBI1

These are personal Email Group Settings. When "Send Email Now" is
selected Email containing your message and report content will be
sent to the selected Email Group recipient(s) as shown below.

                                Your Email Message
/. EmlText: The Email is being sent by prr@newera.com
/. EmlText: It contains the report identified in the Subject line
/. EmlText: The information was extracted from Trace/Log noted
/. EmlText: Reply with any questions or concerns is appreciated

                                Your Email Group
/. Subject: Prevailing Members & Findings
/. AdmAddr: PRR@NEWERA.COM
.. AdmAddr: AHR@NEWERA.COM
.. AdmAddr: PAT@NEWERA.COM
.. AdmAddr: AMV@NEWERA.COM
.. AdmAddr: GBH@NEWERA.COM

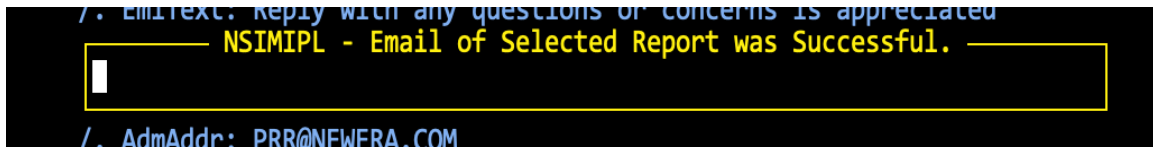
/. FromAdd: SUPPORT@NEWERA.COM

                                Send Email Now

```

The settings are individualized by UserId with a specific user message, Subject text is extracted from the selected report while email addresses are initially Admin addresses derived for those specified in Email Notification. Overtyping the Email address as necessary.

Cursor under Send Email Now and press enter to update the settings and send the Email. A message will confirm Success or not of the Emailing process.



```
/. EmailText: Reply with any questions or concerns is appreciated
      NSIMIPL - Email of Selected Report was Successful.
/./ AdmAddr: PRR@NEWERA.COM
```

6 Training/Retraining – Weights

A weight is essentially a value that reflects the severity of an outcome – Error, Warning, Notice, Informational. In use, these outcomes are derived by applying one or more processing rules to a retrieved z/OS system value or set of values. By default, Image FOCUS comes with an internal bias based on years of experience and user feedback that is continuously evaluated by NewEra Data Scientists (Senior System Programmers) for appropriate inclusion in, or update to, the Image FOCUS “Inspection Platform Rule Set”.

Selecting Weights from the panel will display the current active default Message overrides. These overrides are site-specific retraining as reflected in the currently active NSEMSGxx Parmlib member and the Inspection Message Table shown below.

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI Configuration Changes to Image:S0W1      */
/*      Date:01/01/2026 - Time:12:07:46 - User:PROB11                  */
/*      DSN:IFO.MTGY.IPLCHECK.S0W1.BLN ICEDirect:NSIMIPL                */
/*      Source Inspection Log:IFO.MTGY.IPLCHECK.S0W1.LOG                */
/*                                                                      */
/*      Overall Finding:0,144,8 From Last Inspection:Thu 01/01/2026    */
/*      Curr IPL Performed:Sat 12/27/2025                              */
/*                                                                      */
/*****
Active Weight Definitions

IFO0482I MESSAGE TABLE BUILT FROM MEMBER=NSEMSGSA;VOL=ZWORK5;DSN=IFO.MTGY.PARML
IFO0426I EFFECTIVE MESSAGE FILTERING TABLE FOLLOWS:
!-----1-----2-----3---TOP OF MEMBER---5-----6-----7-----
!IFO2100N(W)
!-----1-----2-----3-BOTTOM OF MEMBER--5-----6-----7-----

```

In the example report shown above, a site preference is being enforced by Image FOCUS, against the specific Message IFO2100N. The retraining is such that it directs Image FOCUS to the related finding as a warning (W) and not as the default Notice (N). Any number of messages can be retrained with preferences that override default outcomes.

PF3 to leave the report. Doing so will display the following message:

```

  NSIMIPL - Press Return to Update Weights, PFK3 to Continue

```

PF3 again to return to the Image Summary or Press return to show the Weight the Outcome options panel as shown on the next page.

6.1 Changing Individual Message Weights

An Outcome is a direct reflection of an Image FOCUS Finding as weighted by its applicable default rule(s). The panel shown below is to be used to retrain (override) the default Outcome – Error, Warning, Notice, Information but not the applied rules, which will remain unchanged regardless of the outcome retraining.

NSIMIPL:1229				IPL 19.0 - IPLCheck/AI - Weight the Outcome		Page 1 of 2
Ln)	Sl	Messages(w)	Qu	Rp	----- Show All Message/Text -----	
01)	/.	IF00922I(N)	/.	..	SUPPLIED LOADPARM IS 0A83X1.1.	
02)	/.	IF00996I(N)	/.	/.	NO NONVIO DATASETS-CHECK IT OUT	
03)	/.	IF02102N(W)	/.	..	*INTEGRITY*	
04)	/.	IF01001I(N)	..	..		
05)	..		..	..		
06)	..		..	..		
07)	..		..	..		
08)	..		..	..		
09)	..		..	..		
10)	..		..	..		
11)	..		..	..		
12)	..		..	..		
13)	..		..	..		
14)	..		..	..		
15)	..		..	..		
					Update the Weights	Next Page

Retraining the outcome giving it a new weight is accomplished by identifying a target message, See Message Groups on the following page. Once a target is identified, enter the message in an open slot in the “Messages” column and then take these actions:

First, to make the message active, Check the corresponding “Sl” insertion point. Note, messages and their settings can be toggled Active/Inactive by checking and unchecking with a corresponding update. All settings are retained from session to session.

Second, enter a new weight – E, W, N, I inside a set of parentheses (x).

These two actions taken together will alert the weight and outcome with a corresponding update.

Additional refinement of the target is possible by using the “Message Text” column. In the column enter the full qualified message or a portion of the message beginning with its first character, See examples on line 1 and 3. To make the refinement actionable Check the adjacent insertion point in the “Qu” column

Existing message text can also be fully replaced with a new text string for a designated Target Group, where a Target Group is a set of common messages grouped by message number only and irrespective of related message text.

To train a text replacement, identify and change the outcome and activate the target message. Next, enter the new text in the “Message Text” column. Finally, activate the new text with a Check in the “Rp” column.

6.2 Updating the Message Weights

If no updates to the Outcomes/Weights are detected, the following message will appear:

```

5) ..
7) ..
8) NSIMIPL - No Updates to Weights Detected.
9)
9) ..

```

When updates are detected, the following message will appear:

```

06) ..
07) ..
08) NSIMIPL - Weight Changes Detected, to Update Press Return
09)
10) ..

```

This will be followed by a view of the updated NSEMSGxx Parmlib Member. Any entries that are not the result of training/retraining using this 3270 interface will remain unchanged. Take note of the update timestamp.

```

BROWSE      IFO.MTGY.PARMLIB(NSEMSGSA)      Line 0000000000 Col 001 080
***** Top of Data *****
* WEIGHTS UPDATED BY NSIMIPL - USER:PROBI1 DATE:Y26/M01/D02 TIME:15:10:33
IFO0922I(N) ' SUPPLIED LOADPARM IS 0A83X1.1. '
IFO0996I(N) (R) ' NO NONVIO DATASETS-CHECK IT OUT '
IFO2102N(W) ' *INTEGRITY* '
IFO1001I(N)
IFO0409N(I)
***** Bottom of Data *****

```

This will be followed by confirmation that the Weights have been updated and activated.

```

***** Bottom of Data *****
NSIMIPL - Inspection Finding Weights Updated and Activated

```

6.3 Common Use Case for Updating Weights

As the use of IPLCheck/AI becomes more frequent, a certain level of insensitivity to its findings may be noted, “Oh, it’s the same outcome as last time or all prior times”. That’s not good as it may result in an oversight of a new, serious problem.

To prevent this, adjust the weights of frequently repeated non-critical Notice (N) messages to Informational (I).

6.4 Notification On Change Only

In addition, Monitoring can be trained to send Event Notification(s) only at intervals when changes from a prior report in Findings, or Exceptions or Member Configurations are detected.

6.5 Displaying Message Groups

```

/*****
/*
/*          Image FOCUS - IPLCheck/AI Message Groups          */
/*          Report Date:01/02/2026 - Time:13:57:29 - User:PROBI1 */
/*          Source Trace/Log:IFO.MTGY.IPLCHECK.SYSA.LOG        */
/*
/*****

----- Errors: None -----

----- Warnings: None -----

----- Notices: 5 Groups -----

<>IFO0769N - 1/4
001 - IFO0769N ADCDMST.IFO.LOAD NOT FOUND ON VOLUME D5SYS1.
002 - IFO0769N ADCDMST.XXX.LOAD NOT FOUND ON VOLUME D5SYS1.
003 - IFO0769N IFO.IFOY.LOAD NOT FOUND ON VOLUME B2WRKA.
004 - IFO0769N IFO.IFOZ.LOAD NOT FOUND ON VOLUME B2WRKA.
<>IFO2100N - 2/4
001 - IFO2100N *INTEGRITY* APF DATASETS SHOULD NOT BE DEFINED IF THEY DO NOT
002 - IFO2100N *INTEGRITY* APF DATASETS SHOULD NOT BE DEFINED IF THEY DO NOT
003 - IFO2100N *INTEGRITY* APF DATASETS SHOULD NOT BE DEFINED IF THEY DO NOT
004 - IFO2100N *INTEGRITY* APF DATASETS SHOULD NOT BE DEFINED IF THEY DO NOT
<>IFO2102N - 3/1
001 - IFO2102N *INTEGRITY* LNKAUTH=LNKLST WAS SPECIFIED.          0123
<>IFO0413N - 4/1
001 - IFO0413N SYS1.SIEALNKE/D5RES1 IS A DUPLICATE LNKLST ENTRY.
<>IFO0409N - 5/2
001 - IFO0409N 33 DATASETS IN LNKLST HAVE SECONDARY ALLOCATION.
002 - IFO0409N 15 DATASETS IN LPALST HAVE SECONDARY ALLOCATION.

----- Informational: 71 Groups -----

<>IFO1000I - 1/1
001 - IFO1000I REPORT GENERATED BY IPLCHECK EXECUTION ON 01/02/2026 AT 13:14:
<>IFO1014I - 2/1
001 - IFO1014I ----- GMT 01/02/2026 AT 21:14:
<>IFO1001I - 3/1
001 - IFO1001I SYSTEM ID=SYSA; SYSTEM NAME=SYSA      ; SYSPLEX NAME=ADCDPL
<>IFO0765I - 4/3
001 - IFO0765I LICENSED TO NEWERA/STANDARD (CPUS EDITION)
002 - IFO0765I IFOM      T ! IFOS      F ! IFOBG      L ! IFOR      L
003 - IFO0765I IPLCHECK  T ! IPLALT    L ! ALLBAT      L ! IFODET    B
<>IFO0504I - 5/1
001 - IFO0504I THE CONTROL EDITOR HAS MADE A VERIFIABLE BACKUP OF SYSTEM DATA
<>IFO0741I - 6/1
001 - IFO0741I INSPECTION=Y; STORE PACKAGE=N; RELEASE=.
<>IFO0727I - 7/1
001 - IFO0727I Image Focus 19.0 H04.
<>IFO0900I - 8/1
001 - IFO0900I IPL REQUESTED FROM UNIT 0A80.
<>IFO0922I - 9/1
001 - IFO0922I SUPPLIED LOADPARM IS 0A83X1.1.
<>IFO0901I - 10/3
001 - IFO0901I LOADPARM IODF UNIT=0A83 SPECIFIED.
002 - IFO0901I LOADPARM LOADX1 SPECIFIED.
003 - IFO0901I LOADPARM IEANUC01 SPECIFIED.
.....
<>IFO0407I - 68/1
001 - IFO0407I CHECKING FOR UNCATALOGED LNKLST DATASETS.
<>IFO0728I - 69/1
001 - IFO0728I MEMBER CSVLLA00 NOT FOUND IN PARMLIB DATASET CONCATENATION.
<>IFO0947I - 70/1
001 - IFO0947I SYSTEM ID=SYSA; SYSTEM NAME=SYSA; SYSPLEX NAME=ADCDPL.
<>IFO0948I - 71/1
001 - IFO0948I SYSTEM IMAGE COMPONENTS IDENTIFIED SUCCESSFULLY.

```

7 Training/Retraining - Monitors

Training IPLCheck/AI to monitor an Image Collective where the collective is a grouping of Image Trace/Logs that share the same local Log dataset naming convention:

local_ifo_hlq.IPLCHECK.image_name.LOG

If Images from different locations that are, by example, FTPed to a central location, arrive with alien naming they will need to be renamed using the local naming format to be recognized as part of the collective.

```

NSIMIPL:1223  IPL 19.0 - IPLCheck/AI - Interval Monitor  PROBI1

----- Last Report Date Sun 12/28/2025 ----- -- Delivery Method --
.. Log /. Dsh .. Fnd .. Plx .. His .. Hck .. Alt /. Eml .. Now .. Ftp

--- Set Intervals or Check /. for Health Check Interval, Set Limit 10 ---
/. Day - Set Time 04 : 54 and Interval 1_ (Specify One Interval) ____
      hh mm Values 1!2!3!4!6!8!12!24
.. Wks - Set Time   :   and Interval ____
      hh mm Values SUN,MON,TUE,WED,THR,FRI,SAT
.. Mth - Set Time   :   and Interval ____
      hh mm Values 1,2,3,10,15,20,25,EOM

----- Email Delivery Settings -----
/. Subject: IPLCheck/AI_Interval_Report/SYSA_____ .. AddList
/. AdmAddr: PRR@NEWERA.COM_____
.. AdmAddr: _____
.. AdmAddr: _____
.. AdmAddr: _____
.. AdmAddr: _____
/. FromAdd: SUPPORT@NEWERA.COM_____

Update Monitor Settings

```

7.1 Monitor Reports

Based on planned execution settings, IPLCheck/AI may send one or more of the seven text reports. Individual report samples follow:

7.1.1 Log – The full Trace/Log Dataset

```

BROWSE      IFO.MTGY.IPLCHECK.SYSA.LOG                      Line 0000000000 Col 001 080
***** Top of Data *****
IFO1000I REPORT GENERATED BY IPLCHECK EXECUTION ON 12/28/2025 AT 12:33:41
IFO1014I ----- GMT 12/28/2025 AT 20:33:41
IFO1001I SYSTEM ID=SYSA; SYSTEM NAME=SYSA      ; SYSPLEX NAME=ADCDPL

IFO0765I LICENSED TO NEWERA/STANDARD (CPUS EDITION)
IFO0765I IFOM      T ! IFOS      L ! IFOBG      L ! IFOR      L
IFO0765I IPLCHECK T ! IPLALT     L ! ALLBAT     L ! IFODET     F
!
!
IFO0504I THE CONTROL EDITOR HAS MADE A VERIFIABLE BACKUP OF SYSTEM DATASETS.
!
IFO0741I INSPECTION=Y; STORE PACKAGE=N; RELEASE=.
IFO0727I Image Focus 19.0 H04.
!
IFO0900I IPL REQUESTED FROM UNIT 0A80.
IFO0922I SUPPLIED LOADPARM IS 0A83X1.1.
IFO0901I LOADPARM IODF UNIT=0A83 SPECIFIED.
IFO0901I LOADPARM LOADX1 SPECIFIED.
IFO0950I LOADPARM IMSI SPECIFIED AS OR DEFAULTED TO ".".
IFO0901I LOADPARM IEANUC01 SPECIFIED.
IFO0712I VMUSERID ZOS25A SPECIFIED.
IFO0712I ADD'L COMMNDXX IF SPECIFIED.
!
IFO0905I IPL UNIT 0A80 IS VOLUME D5RES1.
IFO0905I IODF UNIT 0A83 IS VOLUME D5SYS1.
IFO0611I IPL UNIT ADDRESS: RUNNING SYSTEM=0A80; TARGET SYSTEM=0A80.
IFO0611I IODF UNIT ADDRESS: RUNNING SYSTEM=0A83; TARGET SYSTEM=0A83.
IFO0611I LOADXX SUFFIX: RUNNING SYSTEM=X1; TARGET SYSTEM=X1.
IFO0611I IEANUCOX SUFFIX: RUNNING SYSTEM=1; TARGET SYSTEM=1.
IFO0611I HWNAME: RUNNING SYSTEM=--BLANKS--; TARGET SYSTEM=--NONE--.
IFO0611I LPARNAME: RUNNING SYSTEM=--BLANKS--; TARGET SYSTEM=--NONE--.
IFO0611I VMUSERID: RUNNING SYSTEM=ZOS25A; TARGET SYSTEM=ZOS25A.
IFO0502I IPL DATE=2025/12/27 TIME=06:09:05.
!
IFO0998I SYS1.SVCLIB FOUND ON VOLUME D5RES1.
IFO0757I 1 DASD EXTENTS.
IFO0938I ALLOCATING SVCLIB DATASETS.
IFO0138I ALLOCATING SYS1.SVCLIB; VOL=D5RES1.
IFO0151I ALLOCATED TO SYS03786.
!
IFO0998I SYS1.NUCLEUS FOUND ON VOLUME D5RES1.
IFO0757I 1 DASD EXTENTS.
IFO0938I ALLOCATING NUCLEUS DATASETS.
IFO0138I ALLOCATING SYS1.NUCLEUS; VOL=D5RES1.
IFO0151I ALLOCATED TO SYS03787.
!
IFO0929I INSPECTING IPL TEXT.
IFO0921I D5RES1 IPL TEXT LEVEL IS IEAIPLO001/08/21HBB77D0.
!
IFO0935I SEARCHING FOR LOADX1 MEMBER.
IFO0906I SYS1.IPLPARM WAS FOUND ON VOLUME D5SYS1.
IFO0998I SYS1.IPLPARM FOUND ON VOLUME D5SYS1.
IFO0757I 1 DASD EXTENTS.
IFO0138I ALLOCATING SYS1.IPLPARM; VOL=D5SYS1.
IFO0151I ALLOCATED TO SYS03788.
IFO0940I LOADX1 FOUND IN IPLPARM(0) VOL=D5SYS1;DSN=SYS1.IPLPARM.
IFO0675I LOADX1 LAST CHANGED DATE=2025/11/03 TIME=06:39:35 USER=ADCDMST.
IFO0923I LOADX1 MEMBER CONTENTS ARE AS FOLLOWS:
!-----1-----2-----3---TOP OF MEMBER---5-----6-----7----- ! IODF
99 SYS1
!INITSQA 0000M 0008M
!SYSCAT D5SYS1113CCATALOG.Z25D.MASTER
!SYSPARM WS
.....

```

7.1.2 Dsn – The Image Summary of each Image

```

/*****
/*
/*          *NSIMIPL - IPLCheck/AI RealTime Target Monitor          */
/*          A Total of 6 Selected Image                          */
/*          Date:12/28/2025 - Time:14:30:25 - User:PROBI1         */
/*          Today's Interval Count:8 - Daily Interval Limit:10    */
/*
*****/

      IFO 19.0 - IPLCheck/AI - Image Summary - Targets: 06
      COPY:IFO.MTGY.IPLCHECK.SYSA.DSH

01) ----- IFO 19.0 - IPLCheck/AI - Image Summary ----- GOLD

      Last Run: 12/28/2025 at 10:33:37 Age:<05 Chck19-H04
      Insp Log: IFO.MTGY.IPLCHECK.GOLD.LOG
      Findings: Err:0 War:2 Not:12 Inf:52 Backups <AOk>
      Curr IPL: 12/27/2025 at 006:9:74 Age:<05 z/OSV2R5
      Unit Adr: 0A80 Load:0A83X1.1 IODF:0A83 Mbr:LOADX
      DynChnge: SYM:0 APF:1 BPX:0 MNT:6 LNK:1 RNL:0 LPA:23
      Last Bln: 12/28/2025 at 11:57:58 Age:00
      Baseline: IFO.MTGY.IPLCHECK.GOLD.BLN                <Dsn Found>
      BlnDiffs: Add:3 Del:3 Cng:2 Ttl:8 Aok:65

02) ----- IFO 19.0 - IPLCheck/AI - Image Summary ----- SYSA    <Running>

      Last Run: 12/28/2025 at 12:33:41 Age:<05 Chck19-H04
      Insp Log: IFO.MTGY.IPLCHECK.SYSA.LOG
      Findings: Err:1 War:0 Not:12 Inf:52 Backups <AOk>
      Curr IPL: 12/27/2025 at 006:9:74 Age:<05 z/OSV2R5
      Unit Adr: 0A80 Load:0A83X1.1 IODF:0A83 Mbr:LOADX1
      DynChnge: SYM:0 APF:1 BPX:0 MNT:0 LNK:1 RNL:0 LPA:24
      Last Bln: 12/24/2025 at 08:33:39 Age:04
      Baseline: IFO.MTGY.IPLCHECK.SYSA.BLN                <Dsn Found>
      BlnDiffs: Add:3 Del:1 Cng:2 Ttl:6 Aok:66

03) ----- IFO 19.0 - IPLCheck/AI - Image Summary ----- SYSB

      Last Run: 12/28/2025 at 12:33:14 Age:<05 Chck19-H04
      Insp Log: IFO.MTGY.IPLCHECK.SYSB.LOG
      Findings: Err:0 War:2 Not:12 Inf:52 Backups <AOk>
      Curr IPL: 12/27/2025 at 006:9:74 Age:<05 z/OSV2R5
      Unit Adr: 0A80 Load:0A83X1.1 IODF:0A83 Mbr:LOADX1
      DynChnge: SYM:0 APF:2 BPX:0 MNT:6 LNK:1 RNL:0 LPA:25
      Last Bln: 11/23/2025 at 11:17:51 Age:35
      Baseline: IFO.MTGY.IPLCHECK.SYSB.BLN                <Dsn Found>
      BlnDiffs: Add:3 Del:3 Cng:2 Ttl:8 Aok:65

04) ----- IFO 19.0 - IPLCheck/AI - Image Summary ----- SYSC

      Last Run: 12/28/2025 at 12:34:04 Age:<05 Chck19-H04
      Insp Log: IFO.MTGY.IPLCHECK.SYSC.LOG
      Findings: Err:0 War:2 Not:12 Inf:52 Backups <AOk>
      Curr IPL: 12/27/2025 at 006:9:74 Age:<05 z/OSV2R5
      Unit Adr: 0A80 Load:0A83X1.1 IODF:0A83 Mbr:LOADX1
      DynChnge: SYM:0 APF:1 BPX:0 MNT:6 LNK:1 RNL:0 LPA:23
      Last Bln: 11/23/2025 at 11:18:14 Age:35
      Baseline: IFO.MTGY.IPLCHECK.SYSC.BLN                <Dsn Found>
      BlnDiffs: Add:2 Del:1 Cng:2 Ttl:5 Aok:66

05) ----- IFO 19.0 - IPLCheck/AI - Image Summary ----- SYSD

      Last Run: 12/28/2025 at 12:34:42 Age:<05 Chck19-H04
      Insp Log: IFO.MTGY.IPLCHECK.SYSD.LOG
      Findings: Err:0 War:2 Not:12 Inf:52 Backups <AOk>
      Curr IPL: 12/27/2025 at 006:9:74 Age:<05 z/OSV2R5
      .....

```

7.1.3 Fnd – Finding Summary of each Image

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI RealTime Target Monitor      */
/*      A Total of 6 Selected Image Targets -> Denotes Change */
/*      Date:12/28/2025 - Time:14:39:08 - User:PROBI1      */
/*      Today's Interval Count:8 - Daily Interval Limit:10  */
/*      HighLevel Qualifier ** is IFO.MTGY                 */
/*                                                         */
/*****

      IFO 19.0 - IPLCheck/AI - Image Summary - Targets: 06
      COPY:IFO.MTGY,IPLCHECK.SYSA.FND

      Log Dataset      Ipl zOS IfoVer Fnd Age Vbu Bln Age Cng Dyn
      ----
01) **.IPLCHECK.GOLD.LOG      <05 2.5 19-H04 War <05 Yes Yes =00 Nop Yes
02) **.IPLCHECK.SYSA.LOG      <05 2.5 19-H04 War <05 Yes Yes <05 Yes Yes
03) **.IPLCHECK.SYSB.LOG      <05 2.5 19-H04 War <05 Yes Yes >30 Nop Yes
04) **.IPLCHECK.SYSC.LOG      <05 2.5 19-H04 War <05 Yes Yes >30 Nop Yes
05) **.IPLCHECK.SYSD.LOG      <05 2.5 19-H04 War <05 Yes Yes >30 Nop Yes
06) **.IPLCHECK.SYSE.LOG      <05 2.5 19-H04 War <05 Yes Yes >30 Nop Yes

/*****
NewEra Software, Inc.
Our Job? Help you avoid problems and improve z/OS resilience.
***** Bottom of Data *****

```

7.1.4 Plx – The Image Collective Summary

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI RealTime Sysplex Monitor      */
/*      A Total of 6 Images Selected in the ADCDPL Sysplex    */
/*      Date:12/28/2025 - Time:14:41:11 - User:PROBII1        */
/*      Today's Interval Count:8 - Daily Interval Limit:10    */
/*      Trace/Log DSN Qualifier - DSNHLQ.IPLCHECK.**.LOG       */
/*
/*
/*****

      IFO 19.0 - IPLCheck/AI - Image Summary - Targets: 06
      COPY:IFO.MTGY.IPLCHECK.SYSA.FND

      -Image-  Log Date Ipl Date IFO Vers  Finding  DynCng Bln Date  Chngs
      -----  -E,W,N--  -----  -A,D,C-
01) .GOLD.    12/28/25 12/27/25 19.0.H04 0,1,12  *DIFF* 12/28/25 0,0,0
02) .SYSA.    12/28/25 12/27/25 19.0.H04 0,0,12  *DIFF* 12/24/25 1,0,1
03) .SYSB.    12/28/25 12/27/25 19.0.H04 0,1,12  *DIFF* 11/23/25 0,0,0
04) .SYSC.    12/28/25 12/27/25 19.0.H04 0,1,12  *DIFF* 11/23/25 0,0,0
05) .SYSD.    12/28/25 12/27/25 19.0.H04 0,1,12  *DIFF* 11/23/25 0,0,0
06) .SYSE.    12/28/25 12/27/25 19.0.H04 0,1,12  *DIFF* 11/23/25 0,0,0

/*****
      NewEra Software, Inc.
      Our Job? Help you avoid problems and improve z/OS resilience.
      ***** Bottom of Data *****

```

7.1.5 His – History of Findings, Exceptions, Changes

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI RealTime Monitor for Image:SYSA      */
/*      IPLCheck Finding History Records -> Denotes Change      */
/*      Date:12/28/2025 - Time:14:42:52 - User:PROBII1      */
/*      Today's Interval Count:8 - Daily Interval Limit:10      */
/*      */
/*****

--Date-- Ipl --Finding-- -----Dynamic Changes----- -BlnChange- -HlthCheck-
mm/dd/yy Age Err War Not Sym Apf Bpx Mnt Lpa Lnk Rnl Add Del Cng Hig Med Low
->12/28/25 01 0 0 12 0 1 0 0 24 1 0 1 0 1 2 9 7
->12/24/25 06 0 0 12 0 1 0 0 25 1 0 1 0 1 2 9 7
12/23/25 05 0 0 12 0 1 0 0 25 1 0 0 0 1 2 9 7
12/22/25 04 0 0 12 0 1 0 0 25 1 0 0 0 1 2 9 7
->12/21/25 03 0 0 12 0 1 0 0 25 1 0 0 0 1 2 9 7
->12/20/25 02 0 0 12 0 1 0 0 25 1 0 0 0 1 2 9 9
12/19/25 01 1 0 12 0 1 0 0 25 1 0 0 0 1 2 9 9

/*****
NewEra Software, Inc.
Our Job? Help you avoid problems and improve z/OS resilience.
***** Bottom of Data *****

```

7.1.6 Hck – Health Checker Exceptions

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI RealTime Target Monitor      */
/*      IBM Health Checker for z/OS Exceptions -> Denotes Change      */
/*      All Checks:220 - Exceptions:18 - Changes:0      */
/*      Date:12/28/2025 - Time:14:45:57 - User:PROBI1      */
/*      Today's Interval Count:8 - Daily Interval Limit:10      */
/*
/*****

```

IFO 19.0 - IPLCheck/AI - Image Summary - Targets: 18
 COPY:IFO.MTGY.IPLCHECK.SYSA.CHK

Num	-Run Date-	Sev	Exception	Age	-Next Run-	Owners	-----Check Names-----
01)	12/28/2025	HIGH	EXCEPTION	0	12/28/2025	NEZ	OMPROUTE_INSPECTION
	12/24/2025	HIGH	EXCEPTION	1	12/24/2025	NEZ	OMPROUTE_INSPECTION
02)	12/28/2025	HIGH	EXCEPTION	0	12/28/2025	JES2	CKPT_CONFIG_S0W1
->	12/24/2025	MED	EXCEPTION	1	12/24/2025	JES2	CKPT_CONFIG_S0W1
03)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	PTKTDATA_CLASS
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	PTKTDATA_CLASS
04)	12/28/2025	MED	EXCEPTION	0	12/28/2025	XCF	CLEANUP_VALUE
	12/24/2025	MED	EXCEPTION	1	12/24/2025	XCF	CLEANUP_VALUE
05)	12/28/2025	MED	EXCEPTION	0	12/28/2025	XCF	CF_STR_NONVOLATILE
	12/24/2025	MED	EXCEPTION	1	12/24/2025	XCF	CF_STR_NONVOLATILE
06)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	JESJOBS_ACTIVE
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	JESJOBS_ACTIVE
07)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	CERTIFICATE_EXPIRATION
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	CERTIFICATE_EXPIRATION
08)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	BATCHALLRACF
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	BATCHALLRACF
09)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	PROTECTALL_FAIL
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	PROTECTALL_FAIL
10)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	ERASE_ON_SCRATCH
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	ERASE_ON_SCRATCH
11)	12/28/2025	MED	EXCEPTION	0	12/29/2025	RACF	SYSPLEX_COMMUNICATION
	12/24/2025	MED	EXCEPTION	1	12/24/2025	RACF	SYSPLEX_COMMUNICATION
12)	12/28/2025	LOW	EXCEPTION	1	NoSchedule	GRS	CONVERT_RESERVES
	12/24/2025	LOW	EXCEPTION	6	NoSchedule	GRS	CONVERT_RESERVES
13)	12/28/2025	LOW	EXCEPTION	0	12/28/2025	CSV	APF_EXISTS
	12/24/2025	LOW	EXCEPTION	1	12/24/2025	CSV	APF_EXISTS
14)	12/28/2025	LOW	EXCEPTION	0	12/29/2025	CNZ	AMRF_EVENTUAL_ACTION_MSGS
	12/24/2025	LOW	EXCEPTION	1	12/24/2025	CNZ	AMRF_EVENTUAL_ACTION_MSGS
15)	12/28/2025	LOW	EXCEPTION	0	12/29/2025	RACF	PASSWORD_CONTROLS
	12/24/2025	LOW	EXCEPTION	1	12/24/2025	RACF	PASSWORD_CONTROLS
16)	12/28/2025	LOW	EXCEPTION	1	NoSchedule	CSV TAM	CSM_STG_LIMIT
	12/24/2025	LOW	EXCEPTION	6	NoSchedule	CSV TAM	CSM_STG_LIMIT
17)	12/28/2025	LOW	EXCEPTION	1	NoSchedule	ICSF	PKCS_PSS_SUPPORT
	12/24/2025	LOW	EXCEPTION	6	NoSchedule	ICSF	PKCS_PSS_SUPPORT
18)	12/28/2025	LOW	EXCEPTION	0	12/28/2025	NEZ	DYNAMIC_CHANGE_INSPECTION
.....							

7.1.7 Alt – Brief Alert Overview at Intervals

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI RealTime Monitor for Image:SYSA      */
/*      A Total of 8 Alert Records      */
/*      Date:12/28/2025 - Time:14:49:26 - User:PROBI1      */
/*      Today's Interval Count:8 - Daily Interval Limit:10      */
/*      */
/*****

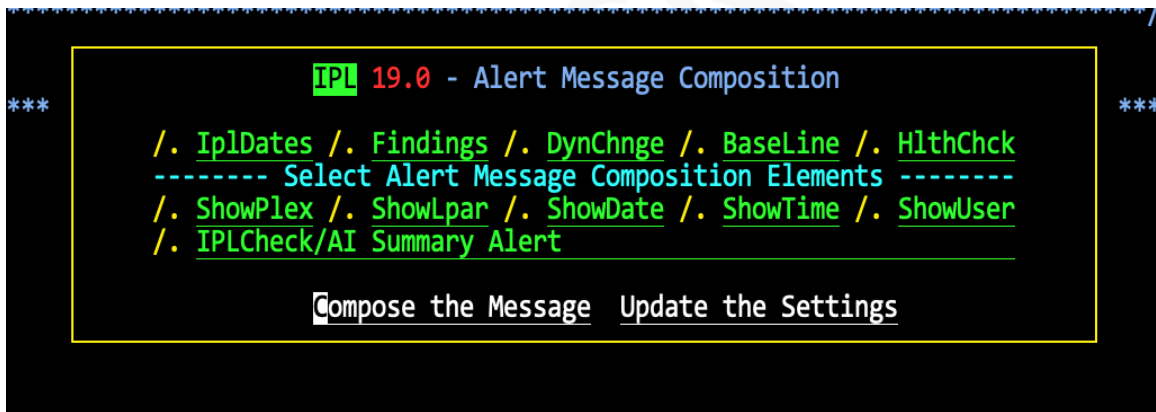
      IFO 19.0 - IPLCheck/AI - Brief Alert History
      COPY:IFO.MTGY.IPLCHECK.SYSA.ALT

-----+----- Today -----+----- Last -----+----- <-2> -----+----- <-3> -----+-----Drift-
LOG: !12/28/2025      !12/24/2025      !12/24/2025      !12/24/2025      ! <DIFF
IPL: !12/27/2025      !12/18/2025      !12/18/2025      ! <DIFF          <DIFF
FND: !0,0,12,52      !0,0,12,52      !0,0,12,52      ! <DIFF          >SAME
DCN: !0,1,0,0,24,1,0 !0,1,0,0,25,1,0 !0,1,0,0,25,1,0 ! <DIFF          <DIFF
BLD: !12/24/2025      !12/18/2025      !12/18/2025      ! <DIFF          <DIFF
BLC: !1,0,1          !0,0,1          !0,0,1          ! <DIFF          <DIFF
ALT: !IPLCheck/AI Summary Alert

-----+-----
/*****
      NewEra Software, Inc.
      Our Job? Help you avoid problems and improve z/OS resilience.
      ***** Bottom of Data *****

```

The composition of the Alert can be managed by selecting the parameters shown in the panel below.



7.2 Interval Control

The execution of the Image FOCUS Inspection Platform against a target Image is controlled by the IBM Health Checker by default. IPLCheck/AI relies on this as its “Basic Clock” from which all post execution analysis of the Trace/Log will begin.

```
--- Set Intervals or Check /. for Health Check Interval, Set Limit 10 ---
```

The first step will be to determine if post processing of the Trace/Log is under the control of the Health Checker or at Intervals controlled by IPLCheck/AI. To support the correct determination of post processing control, Image FOCUS will send a prompt to IPLCheck/AI at the termination of each Health Check execution. The purpose of this prompt, the MPOST Parameter coded in IPLCHECK Proc, is two-fold. First, make the determination based on the setting described below to begin post processing in synchronicity with the Health Checker or follow its interval encoding. The second, to pass forward the number of Images authorized to access IPLCheck/AI as defined in NSEPRMxx.

The following settings control the determination of interval control.

7.2.1 Health Check Control

If for Health Check is checked, the notification process will begin immediately following the execution of the NewEra Health Checks “NEZ”. Take note that if the Health Checker is not active for Health Check will be shown in Red text. A limit as to the number intervals will be processed. For example, if set to one, just the first interval of the day will be processed, if two, the first and second only and so on.

7.2.2 Interval Scheduling

If for Health Check is NOT checked the notification process will fall under the control of one or more interval(s) as defined in this section of the panel.

```
/. Day - Set Time 04 : 54 and Interval 1 (Specify One Interval) ____
                hh  mm      Values 1!2!3!4!6!8!12!24
.. Wks - Set Time   :   and Interval _____
                hh  mm      Values SUN,MON,TUE,WED,THR,FRI,SAT
.. Mth - Set Time   :   and Interval _____
                hh  mm      Values 1,2,3,10,15,20,25,EOM
```

7.2.2.1 Day - Daily Interval

To schedule a Daily Interval, check before Day, Set the 24hr delivery Time and Interval – 1 for once an hour, blank for only once a day.

7.2.2.2 Wks - Weekly Interval

To schedule a Weekly Interval, check before Wks, Set the 24hr delivery Time and Interval – SUN for Sunday, MON,TUE for both Monday and Tuesday delivery.

7.2.2.3 Mth - Monthly Delivery

To schedule a Monthly Interval, check before Mth, Set the 24hr delivery Time and Interval – 1 for the first day of the month, 2,3 for the 2nd and 3rd of the month, EOM for the end of the month.

7.3 Delivery Methods

Delivery Methods are shown at the top right of the panel.

```
----- Last Report Date Sat 01/03/2026 ----- -- Delivery Method --
.. Log /. Dsh .. Fnd .. Plx .. His .. Hck .. Alt /. Eml .. Now .. Ftp
```

Select by checking one or more.

7.3.1 Delivery Method – Eml - Email

Email delivery can be directed towards four independent groups of recipients those that will always receive mail “Admins” and Daily, Weekly and Monthly recipients.

At least one Admin address must be specified as well as a Subject and From address. In addition, the “Method Block” in the NSEENSxx Parmlib Member must be properly configured.

7.3.2 Email – Admin Notification

```
----- Admin Email Delivery Settings -----
/. Subject: IPLCheck/AI Interval_Report/SYSA_____ .. AddList
/. AdmAddr: PRR@NEWERA.COM_____
.. AdmAddr: _____
.. AdmAddr: _____
.. AdmAddr: _____
.. AdmAddr: _____
/. FromAdd: SUPPORT@NEWERA.COM_____
Update Monitor Settings
```

7.3.3 Interval Group Notification

To the far right on the Subject line, check AddList to activate the List, cursor under it and press enter to show the Email Group interface. First this message is displayed:

```
.. Mth - Set Time __ : __ and Interval _____
NSIMIPL - Check to Activate Expanded EMail Recipient(s) List
```

Press enter to continue and show the interface.

```
TCE 19.0 - Email Recipient Groups
      DayMail      WksMail      MthMail
        0          1          0
----- How This Works -----
```

The interface shows the three groups and the number in each group. Cursor under a group and press enter to show the Group.

```
TCE 19.0 - Recipients - Weekly Notification
Ln -User Identification- Sl -----Full User Email Address-----
01 ANDREW                /. ahr@newera.com
02                        ..
03                        ..
04                        ..
05                        ..
06                        ..
07                        ..
08                        ..
09                        ..
10                        ..
11                        ..
12                        ..
13                        ..
14                        ..
15                        ..
16                        ..
```

Individual recipient entries; Ah Hoc User Identification and Full user Email Address will be persistent but must be Checked in the “Sl” column to become active. Those that are active will receive Email only at the interval specified. Those classified as Admins in the prior Panel will receive Email at all defined intervals.

7.3.4 Delivery Method - Now - Service Now Portal

ServiceNow is one of many such Web Based Focal Points used by organizations as a centralized alert/message repository. It is presented here as an example of the functionality of IPLCheck/AI to communicate with such services via the IBM Web Enablement Toolkit with POST, GET and DELETE functions.

```

NSIMIPL:1223 ICE 19.0 - IPLCheck/AI Service Now Settings
Last: INC0010245 13b97e4ac30a7210e49776ec0501312e 2025-12-27 21:46:04

Incident Variables: * is Required
CallerId      Priority      Category      Impact      Urgency
PROBI1        * Moderate    * z/OS        * High       * Low

Incident Description: is Optional
/. Find: Inspection Finding on System SOW1 Indicate Errors
/. Hckr: Health Check on Sytem SOW1 report High Exception
/. Base: Configuration Change on SOW1 compared to Gold2

Service Now Instances: . Check to Edit Last Incident Posted
Target-01 Target-02 Target-03 Target-04 Target-05
/. @SERVPRR .. @SERVNPW .. .. ..

Show Incident Log Call Instance Now /. Instance Activated

----- .. Trace ----- How This Works ----- .. Delete -----
Call Incident Now will post the Incident to the Instance Selected. Check Trace to turn on Trace Display. Check Delete to Delete the Last Incident shown in the header from Service Now.

```

7.3.4.1 Last Portal Posting

If values adjacent to Last are populated in White text, they represent the last valid incident posted to the portal. If shown in Red, it likely means that the posting has been deleted or simply failed. Cursor under the values to retrieve and show the detail.

```

IPL 19.0 - IPLCheck/AI Service Incident Query

INC0010248 0a2caba4c3527a10e49776ec05013113 2026-01-04 19:51:10
Incident-- -----Sys-Id----- --Call Timestamp--
Mismatch occurred between Target and Gold1 during Drift Cycle

Incident Variables:
CallerId      Priority      Category      Impact      Urgency
PROBI1        Moderate    z/OS          High         Low

Find: Inspection Finding on System SOW1 Indicate Errors
Hckr: Health Check on Sytem SOW1 report High Exception
Base: Configuration Change on SOW1 compared to Gold2

Update the Incident

```

If for some reason the content appears in error, update the offending data and resubmit by selecting Update the Incident.

Other fields shown in the first panel are specific to a Service Instance. On request fields may be added to the panel as well as access to other web portals. Make requests to NewEra Technical Support.

7.3.4.2 Target-01 through Target-05

These selections match Rexx Scripts that are used to manage the interaction between the Mainframe and the target server portal. The script contains the XML encoding that calls the Toolkit.

To activate a specific instance, Check the entry point that precedes it. To View/Edit the instance, cursor under it and press enter. When available, The Control Editor, TCE/AI, can be invoked to assure viable version control and backups of updates.

7.3.4.3 Show Incident Log

A log of all incident submissions is maintained and is displayed when the cursor is placed on the text and enter pressed.

7.3.4.4 Call Instance Now

Once necessary fields are selected/updated, cursor to text and press enter to submit the entry to the portal. If successful, the following series of confirmations will be displayed.

First, to ensure that the action is valid.

```

/. Base: Configuration Change on SOW1 compared to Gold2
NSIMIPL - Press Return to Save Any Changes, or PFK3 to Abort.
/ @SERVPRB @SERVNDW

```

Second, to confirm that that portal is to be called.

```

/. Base: Configuration Change on SOW1 compared to Gold2
NSIMIPL - Press Return to Call Incident, or PFK3 to Abort.
/ @SERVPRB @SERVNDW

```

Finally, confirmation of the incident by a display of the return from the portal.

```

CallerId Priority Category Impact Urgency
IPL 19.0 - IPLCheck/AI Service Now Call Reply
INC0010247 4987e72cc3127a10e49776ec050131d2 2026-01-04 19:30:53
Incident-- -----Sys-Id----- --Call Timestamp--

```

7.3.4.5 Instance Activated

Check the entry point preceding “Instance Activation” to activate the selected instance. If the instance cannot be activated, the return panel will show “Instance Activation” in Red.

7.3.4.6 Trace

Check the entry point preceding “Trace” and press enter to view the detailed back and forth interaction between the Mainframe and portal.

7.3.4.7 Delete

Check the entry point preceding “Delete” and press enter to delete the current incident as shown in the panel header. If the delete is confirmed, the following message will validate the portal Reply/Response.

```

CallerId  Priority  Category  Impact  Urgency
|
|          IPL 19.0 - IPLCheck/AI Service Now Call Reply
|
|          INC0010248 Prior Incident has been Deleted 2026-01-04 19:51:10
|          Incident-- -----Sys-Id----- --Call Timestamp---
|
|          Service Now Instances: ... Check to Edit Last Incident Posted
  
```

7.3.5 Delivery Method - FTP - Regular or Secure FTP Servers

FTP is a common method for transferring information from a Mainframe Client to a Regular or Secure Server. The use-case for this would be to send Trace/Logs to such a server and then have them copied to a common repository using the IPLCheck/AI naming convention – ifo_hlq.IPLCHECK.image_name.LOG.

```

NSIMIPL:1229  TCE 19.0 - IPLCheck/AI FTP Server Settings

----- 1. Regular FTP -----  /. Secure SFTP ---- PF ---

.. Log .. Dsh .. Fnd /. Hck .. Alt ! /. Log .. Dsh .. Fnd .. Hck .. Alt
Uid: guest   Psw: newera           ! Key: Show the Key File Name
Url: ftp.newera.com              ! Url: MYICE19@23.253.253.150

      Start Transfer      Update Settings      Start Transfer

----- How This Works -----
FTP, or File Transfer Protocol, is a standard network protocol for trans-
ferring computer files between a client and a server over a network. It
uses a client-server model and separate control and data connections to
allow users to upload and download files. Here you are uploading only.

While effective for transferring large files, the standard FTP protocol
has security vulnerabilities, so a more secure alternative like FTPS
(FTP over SSL/TLS) or SFTP (SSH File Transfer Protocol) are often used.

This interface supports both FTP and SFTP so take care in selecting which
best matches your security needs when transferring IPLCheck/AI report files.

```

7.3.5.1 Selecting a Report

From the list of Reports, select only one. If more are needed, start multiple transfers.

7.3.5.2 Update Settings

Any changes made will be Auto-Detected on Exit if they have not been updated. The best practice is to use Update Settings whenever changes are made.

7.3.5.3 Start Transfer – Regular FTP

Regular is “Unsecure FTP”. Use it with caution. To configure it for a transfer, enter the Uid:UserId, Pws:Password and Url:Universal Resource Locator of the target server. With report selected, cursor on to Start Transfer and press enter. The following will be displayed:

```

----- HOW THIS WORKS -----
Confirm FTP Transfer of: IFO.MTGY.IPLCHECK.S0W1.HCK or PFK3

```

Trace Records will show the success or failure of the attempt.

```
OK...IFO.MTGY.IPLCHECK.S0W1.HCK
220 (vsFTPd 3.0.2)
331 Please specify the password.
230 Login successful.
200 Switching to ASCII mode.
500 Unknown SITE command.
227 Entering Passive Mode (23,253,253,150,159,146).
150 Ok to send data.
226 Transfer complete.
221 Goodbye.
***
```

7.3.5.4 Start Transfer – Secure FTP

If you are a special user, configure for a transfer by entering the secure key that was created and stored in a UNIX file, Key: and Url:Universal Resource Locator of the target server. With report selected, cursor on to Start Transfer and press enter.

The following will be displayed.

```
----- HOW THIS WORKS -----
Confirm SFTP Transfer of: IFO.MTGY.IPLCHECK.S0W1.HCK or PFK3
[ ]
```

If confirmed the following, indicating the success or failure of the transfer is displayed.

```
----- HOW THIS WORKS -----
NSIMIPL - SFTP File Transfer of 120 Records Successful.
[ ]
allow users to upload and download files. Here you are uploading only
```

7.1 On Change Only

Check On Change Only to send Event Notification(s) only at intervals when changes from a prior report of Findings, Exceptions or Member Configurations drift is detected.

8 Training/Retraining – GuardRails

There are three FACILITY Class Profiles that can optionally be used to control access to certain IDE functions - one each for – Administrators, Users and Auditors. When active, those that are not specifically authorized will be denied logon or access to specific functions.

```

NSIMIPL:1223  IPL 19.0 - IPLCheck/AI Role Assignments  PROBI1

----- Update CK Administrators -----

/. PROFILE - RDEFINE FACILITY NEZ.IPLCHECK.ADMIN UACC(NONE)
PERMITTED - /. PROBI1  /. PHARL2  .. _____ .. _____ .. _____
ACCESS    - /. ALTER   /. NONE    .. _____ .. _____ .. _____

----- Update CK Users -----

/. PROFILE - RDEFINE FACILITY NEZ.IPLCHECK.USERS UACC(NONE)
PERMITTED - /. PROBI1  /. PHARL2  .. _____ .. _____ .. _____
ACCESS    - /. ALTER   /. NONE    .. _____ .. _____ .. _____
PERMITTED - .. _____ .. _____ .. _____ .. _____ .. _____
ACCESS    - .. _____ .. _____ .. _____ .. _____ .. _____

----- Update CK Auditors -----

/. PROFILE - RDEFINE FACILITY NEZ.IPLCHECK.AUDIT UACC(NONE)
PERMITTED - /. PROBI1  /. PHARL2  .. _____ .. _____ .. _____
ACCESS    - /. ALTER   /. NONE    .. _____ .. _____ .. _____

.. GuardRails are Currently Active

```

8.1 Administrators

8.2 Application Users

8.3 Application Auditors

GuardRails can be toggled Active, Green or InActive, Red.

```

.. GuardRails are Currently InActive

```

9 IPLCheck/AI - Exceptions Dashboard

The panel reports Health Check Exceptions for all Images whose Image FOCUS Trace/Logs share the common IPLCheck/AI naming convention. These sequential LOG datasets contain an image name qualifier that is extracted and passed in real-time to a bespoke process that queries the Health Checker for the state and status of each image.

While this real-time extraction process returns all the Checks, generally 200 plus, the Dashboard panel reports only values for the Exceptions – High, Medium, Low and those that are active without Exception. They are shown in that order on the fifth line of the 32 table blocks.

NSIMIPL:1229				IPL 19.0 - IPLCheck/AI - Exceptions		Compare Images	
13:52:28							
.. Ima-01	/. Ima-02	.. Ima-03	.. Ima-04	.. Ima-05	/. Ima-06	.. Ima-07	.. Ima-08
GOLD	SYSA	SYSB	SYSC	SYSD	SYSE	----	----
12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	----	----
12/27/25	12/27/25	12/27/25	12/27/25	12/27/25	12/27/25	----	----
2,9,7,38	2,9,7,38	2,8,7,38	2,8,7,38	2,8,7,38	2,8,7,38	----	----
.. Ima-09	.. Ima-10	.. Ima-11	.. Ima-12	.. Ima-13	.. Ima-14	.. Ima-15	.. Ima-16
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
.. Ima-17	.. Ima-18	.. Ima-19	.. Ima-20	.. Ima-21	.. Ima-22	.. Ima-23	.. Ima-24
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
.. Ima-25	.. Ima-26	.. Ima-27	.. Ima-28	.. Ima-29	.. Ima-30	.. Ima-31	.. Ima-32
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
Gold Model was SYSA Last LOG Hig Med Low Nac Curr IPL Show Base Lines							

9.1 Individual Exception Dashboards

While this real-time extraction process returns all the Checks, generally 200 plus, the Dashboard panel reports only values for the Exceptions. Each individual Image has its own unique set of Exceptions as seen on the fifth line, in this order – High, Medium, Low, AOK. The “Block” color reflects the severity, Red for High, Yellow for Medium and Turquoise for Low.

The Image name shown in “Gold” text represents a standard against which all other Images can be compared. The Image name shown in “Green” is the “Home Image”, that is the running system. The remainder are shown in “White” text and may be remote images for which extraction of check state/status is not possible and are presented as: -,,-.

9.2 Additional Panel Attributes

In addition to the functions described above the panel also supports:

9.2.1 Panel Time

Panel time is the time when the panel was created. Since all the values shown are gathered in “Real Time” it may be necessary to reset/update the panel from time to time. To update the panel cursor under the time value and press enter. Take note of the updated time.

9.2.2 Gold Image Name

A Gold Image can be named against which all other Images can be compared to determine “Drift” from – Golden Findings, Exceptions and Changes. When such a Gold Image exists, its original name will appear in the lower section of the panel.

9.2.3 Show Base Line

To move on to Base Line – Add, Delete and Change as reported by IPLCheck/AI when comparing a current Image configuration against a stored Base Line; cursor under Show Base Line, shown in the lower right of the panel, and press enter.

9.3 Image/Image Compare

The Configurations of any one Image can be compared against any other. To do this, “Check” the entry point above the Image Name, and then check for each Image to be compared against, and press enter. This will display the Image/Image Compare panel.

```

NSIMIPL:1223  IPL 19.0 - IPLCheck/AI Image/Image Compare
                IBM Health Checker for z/OS

----- Source Inspection Logs with Specifics -----
SYSA   IFO.MTGY.IPLCHECK.SYSA.LOG   12/29/2025 V2R5 19-H04
SYSE   IFO.MTGY.IPLCHECK.SYSE.LOG   12/29/2025 V2R5 19-H04

----- Results of Check Comparisons -----

-- TtIs -- SYSA   ... SYSE   ----- Comparison -----
Checks.... 220   ... 220   ...Same   205   ...Diff   15

-- Risk -- SYSA   ... SYSE   ----- Comparison -----
High..... 2     ... 2     ...Same   0     ...Diff   4
Medium.... 9     ... 8     ...Same   8     ...Diff   1
Low..... 7     ... 7     ...Same   6     ...Diff   2
Inactive.. 38    ... 38    ...Same  38     ...Diff   0
Env N/A... 15    ... 24    ...Same  15     ...Diff   9
Success... 149   ... 141   ...Same  138    ...Diff  14

```

The panel shows, in a summary format, the exceptions for each of the selected Images. At the top of the panel, the name of each Image and related source Trace/Log are shown. These fields are “Hot”, cursor under them to display additional detail, for example, cursor

under the Image name and press enter to display the Trace/Log Search panel, shown below.

```

GOLD   IFO.MTGY.IPLCHECK.GOLD.LOG  12/21/2025 V2R5 19-H04
SYSA   IFO.MTGY.IPLCHECK.SYSA.LOG  12/28/2025 V2R5 19-H04

  IPL 19.0 - Adhoc Search of IPLCheck Trace

      Dataset  Members  UserIds  Message
Criteria: 

Enter Criteria, Cursor under Type, Press Return to Continue

SYMLST... 0 ... 0 ...Same 0 ...Diff 0

```

Cursor under each of the Major Categories – Dataset, Members, UserIds, Message and press enter to display a listing (record number, related text) of their appearance within the selected Image Trace/Log or cursor into the Criteria entry point and enter an ad hoc string and press enter to display its appearance, by record by number and related text.

Cursor under the full Trace/Log name to display its content. Take note that to the right of the name are shown – Date of Trace/Log, z/OS release inspected and Image FOCUS release that performed the inspection.

In the lower part of the panel are a Global Summary and Risk Comparison of check exceptions.

9.3.1 Global Exception Summary

```

-- TtIs -- SYSA ... SYSE ----- Comparison -----
Checks.... 220 ... 220 ...Same 205 ...Diff 15

```

The First shows all checks by Image. This function not only compares check to check but also compares risk within checks. The results of this “Fine Grained” comparison is best understood by cursoring under the difference, if any, shown in the “Diff” column and pressing enter. This action will present the full picture of individual check differences, by check and/or by exception within a check. A sample report is shown on the next page.

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI Configuration Changes to Image:SYSA      */
/*      Date:12/29/2025 - Time:14:30:54 - User:PROBII                  */
/*      DSN:IFO.MTGY.IPLCHECK.SYSE.BLN ICEDirect:NSIMIPL              */
/*      Source Inspection Log:IFO.MTGY.IPLCHECK.SYSE.LOG              */
/*                                                                      */
/*      Overall Finding:0,1,12 From Last Inspection:Mon 12/29/2025    */
/*      Curr IPL Performed:Sat 12/27/2025                             */
/*                                                                      */
/*****
Overall Health Check Differences - SYSA Vs. SYSE

```

```

01) SYSA SUC_IBMUSS,USS_PARMLIB_MOUNTS
-- SYSE HIG_IBMUSS,USS_PARMLIB_MOUNTS
02) SYSA HIG_IBMJES2,JES2_CKPT_CONFIG_S0W1
-- SYSE SUC_IBMJES2,JES2_CKPT_CONFIG_S0W1
03) SYSA LOW_IBMGRS,GRS_CONVERT_RESERVES
-- SYSE SUC_IBMGRS,GRS_CONVERT_RESERVES
04) SYSA MED_IBMXCF,XCF_CF_STR_NONVOLATILE
-- SYSE SUC_IBMXCF,XCF_CF_STR_NONVOLATILE
05) SYSA SUC_NEWERA,NEZ_NSSD_INSPECTION
-- SYSE ENV_NEWERA,NEZ_NSSD_INSPECTION
06) SYSA HIG_NEWERA,NEZ_OMPROUTE_INSPECTION
-- SYSE ENV_NEWERA,NEZ_OMPROUTE_INSPECTION
07) SYSA SUC_NEWERA,NEZ_DMD_INSPECTION
-- SYSE ENV_NEWERA,NEZ_DMD_INSPECTION
08) SYSA SUC_NEWERA,NEZ_PAGENT_INSPECTION
-- SYSE ENV_NEWERA,NEZ_PAGENT_INSPECTION
09) SYSA SUC_NEWERA,NEZ_PROFILE_INSPECTION
-- SYSE ENV_NEWERA,NEZ_PROFILE_INSPECTION
10) SYSA SUC_NEWERA,NEZ_TCPDATA_INSPECTION
-- SYSE ENV_NEWERA,NEZ_TCPDATA_INSPECTION
11) SYSA SUC_NEWERA,NEZ_TELNET_INSPECTION
-- SYSE ENV_NEWERA,NEZ_TELNET_INSPECTION
12) SYSA SUC_NEWERA,NEZ_FTP_INSPECTION
-- SYSE ENV_NEWERA,NEZ_FTP_INSPECTION
13) SYSA SUC_NEWERA,NEZ_IKED_INSPECTION
-- SYSE ENV_NEWERA,NEZ_IKED_INSPECTION
14) SYSA SUC_NEWERA,NEZ_OPSYS_INSPECTION
-- SYSE HIG_NEWERA,NEZ_OPSYS_INSPECTION
15) SYSA SUC_IBMUSS,USS_PARMLIB
-- SYSE LOW_IBMUSS,USS_PARMLIB

```

9.3.2 Exception by Risk Summary

-- Risk --	SYSA	...	SYSE	----- Comparison -----
High.....	2	...	2	...Same 0 ...Diff 4
Medium....	9	...	8	...Same 8 ...Diff 1
Low.....	7	...	7	...Same 6 ...Diff 2
Inactive..	38	...	38	...Same 38 ...Diff 0
Env N/A...	15	...	24	...Same 15 ...Diff 9
Success...	149	...	141	...Same 138 ...Diff 14

The Second shows each individual “Risk” Category. Here, the two initial columns show, side-by-side totals by risk of each for the selected Images. The Comparison columns show the counts of which risks are the same and which are different. While differences may be

of primary interest all “Values” are “Hot” so selecting any will display additional detail as shown in the two sample reports below.

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI Configuration Changes to Image:SYSA      */
/*      Date:12/29/2025 - Time:16:07:38 - User:PROBI1                */
/*      DSN:IFO.MTGY.IPLCHECK.SYSE.BLN ICEDirect:NSIMIPL              */
/*      Source Inspection Log:IFO.MTGY.IPLCHECK.SYSE.LOG                */
/*
/*      Overall Finding:0,1,12 From Last Inspection:Mon 12/29/2025    */
/*      Curr IPL Performed:Sat 12/27/2025                              */
/*
/*****
      High Exception Health Check Differences - SYSA Vs. SYSE

01) SYSA HIG_IBMJES2,JES2_CKPT_CONFIG_S0W1
02) SYSA HIG_NEWERA,NEZ_OMPROUTE_INSPECTION

03) SYSE HIG_IBMUSS,USS_PARMLIB MOUNTS
04) SYSE HIG_NEWERA,NEZ_OPSYS_INSPECTION

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/*****
/*
/*      *NSIMIPL - IPLCheck/AI Configuration Changes to Image:SYSA      */
/*      Date:12/29/2025 - Time:14:27:36 - User:PROBI1                */
/*      DSN:IFO.MTGY.IPLCHECK.SYSE.BLN ICEDirect:NSIMIPL              */
/*      Source Inspection Log:IFO.MTGY.IPLCHECK.SYSE.LOG                */
/*
/*      Overall Finding:0,1,12 From Last Inspection:Mon 12/29/2025    */
/*      Curr IPL Performed:Sat 12/27/2025                              */
/*
/*****
      Successful Health Check Differences - SYSA Vs. SYSE

01) SYSA SUC_IBMUSS,USS_PARMLIB MOUNTS
02) SYSA SUC_NEWERA,NEZ_NSSD_INSPECTION
03) SYSA SUC_NEWERA,NEZ_DMD_INSPECTION
04) SYSA SUC_NEWERA,NEZ_PAGENT_INSPECTION
05) SYSA SUC_NEWERA,NEZ_PROFILE_INSPECTION
06) SYSA SUC_NEWERA,NEZ_TCPDATA_INSPECTION
07) SYSA SUC_NEWERA,NEZ_TELNET_INSPECTION
08) SYSA SUC_NEWERA,NEZ_FTP_INSPECTION
09) SYSA SUC_NEWERA,NEZ_IKED_INSPECTION
10) SYSA SUC_NEWERA,NEZ_OPSYS_INSPECTION
11) SYSA SUC_IBMUSS,USS_PARMLIB

12) SYSE SUC_IBMJES2,JES2_CKPT_CONFIG_S0W1
13) SYSE SUC_IBMGRS,GRS_CONVERT_RESERVES
14) SYSE SUC_IBMXCF,XCF_CF_STR_NONVOLATILE

*****
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```

10 IPLCheck/AI - Changes Dashboard

The panel reports changes from their Base Lines for all Images whose Image FOCUS Trace/Logs share the common IPLCheck/AI naming convention.

10.1 Individual Change Dashboards

The search for changes is done in real-time and results in the reporting of – Additions, Detentions and Changes for all Images. These results are shown in that order on the fifth line of the 32 table blocks.

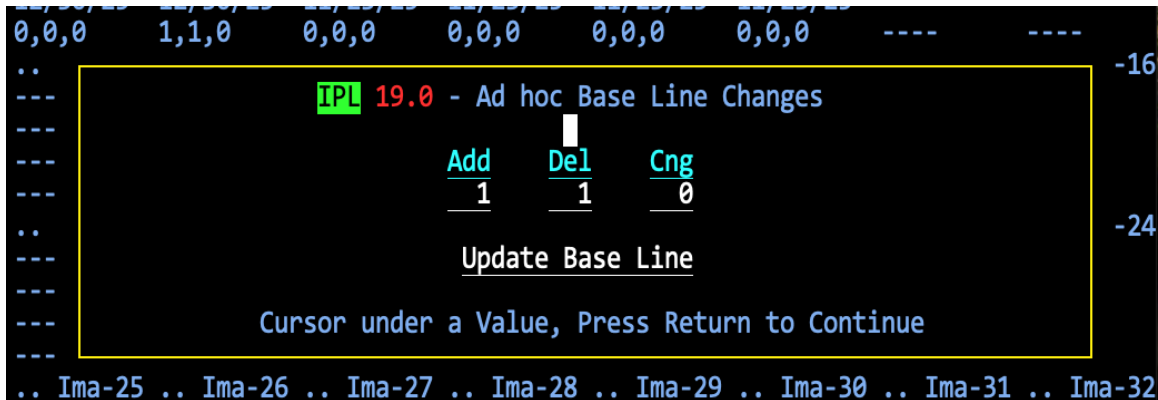
NSIMIPL:1229				IPL 19.0 - IPLCheck/AI - Base Lines		Compare Images	
17:53:29							
.. Ima-01	.. Ima-02	.. Ima-03	.. Ima-04	.. Ima-05	.. Ima-06	.. Ima-07	.. Ima-08
GOLD	SYSA	SYSB	SYSC	SYSD	SYSE	----	----
12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	12/30/25	----	----
12/30/25	12/30/25	11/23/25	11/23/25	11/23/25	11/23/25	----	----
0,0,0	1,1,0	0,0,0	0,0,0	0,0,0	0,0,0	----	----
.. Ima-09	.. Ima-10	.. Ima-11	.. Ima-12	.. Ima-13	.. Ima-14	.. Ima-15	.. Ima-16
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
.. Ima-17	.. Ima-18	.. Ima-19	.. Ima-20	.. Ima-21	.. Ima-22	.. Ima-23	.. Ima-24
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
.. Ima-25	.. Ima-26	.. Ima-27	.. Ima-28	.. Ima-29	.. Ima-30	.. Ima-31	.. Ima-32
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
----	----	----	----	----	----	----	----
Gold Model was SYSA No Baseline Bln Changes No Changes							

10.2 Showing Individual Changes

When no changes are detected, this message is displayed.

----	----	----	----	----	----	----	----
---	NSIMIPL - No Configuration Changes were Discovered						----
..							-24
---							----
----	----	----	----	----	----	----	----

When changes are detected this selection panel is displayed.



Cursor under a value to display the related change report.

10.2.1 Real-Time Change Reports

```

/*****
/*
/*      *NSIMIPL - IPLCheck/AI Configuration Changes to Image:S0W1      */
/*      Date:01/03/2026 - Time:18:08:11 - User:PROBI1                  */
/*      DSN:IFO.MTGY.IPLCHECK.S0W2.BLN ICEDirect:NSIMIPL                */
/*      Source Inspection Log:IFO.MTGY.IPLCHECK.S0W2.LOG                */
/*                                                                      */
/*      Overall Finding:0,144,8 From Last Inspection:Sun 11/23/2025    */
/*      Most Recent IPL Performed:Sat 11/02/2025                       */
/*                                                                      */
/*****
      Member(s) Added to Configuration

01) Member Name:IEANUC21 was Added

      ..ADD..Status: FOUND IN VOL=C5RES1;DSN=SYS1.NUCLEUS.

02) Member Name:IRRPRXXX was Added

      ..ADD..RECORD_NEW_MEMBER_ARRAY.IRRPRXXX.1
      ..ADD..Status: FOUND IN VOL=C5CFG1;DSN=USER.Z25C.PARMLIB.
      ..ADD..Update: DATE=2022/12/26 TIME=09:10:23 USER=ADCDMST.
      ..ADD..!DATABASE_OPTIONS
      ..ADD..!   DATASETNAME:TABLE
      ..ADD..!   ENTRY
      ..ADD..!   PRIMARYDSN (SYS1.RACFDS.VSAM)
      ..ADD..!   BACKUPDSN (SYS1.RACFDS.VSAM.BACK)
      ..ADD..!   UPDATEBACKUP (ALL)
      ..ADD..!   BUFFERS (255)
      ..ADD..!   SYSPLEX (NOCOMMUNICATIONS)
      ..ADD..! RANGETABLE
      ..ADD..!   START (00 HEX)
      ..ADD..!   ENTRYNUMBER (1)

/*****
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```

10.3 Updating the Baseline

A Baseline update can be done at any time, confirmation will be requested.

```
--/--/-- 07/05/25 07/07/25 --/--/-- 07/21/25 11/23/25 ----  
--, NSIMIPL - Update Baseline now Press Return or PFK3 to Abort -24  
.. |  
--
```

If confirmed, this message is displayed.

```
--/--/-- 07/05/25 07/07/25 --/--/-- 07/21/25 11/23/25 ----  
--, NSIMIPL - Configuration Baseline for S0W5 has been Updated -24  
.. |  
--
```

10.4 Additional Panel Attributes

In addition to the functions described above, the panel also supports:

10.4.1 Panel Time

Panel time is the time when the panel was created. Since all the values shown are gathered in “Real Time” it may be necessary to reset/update the panel from time to time. To update the panel, cursor under the time value and press enter. Take note of the updated time.

10.4.2 Gold Image Name

A Gold Image can be named against which all other Images can be compared to determine “Drift” from – Golden Findings, Exceptions and Changes. When such a Gold Image exists, its original name will appear in the lower section of the panel

10.5 Image to Image Compare

The Configuration of any one Image can be compared against any other. To do this, “Check” the entry point above the Image Name, then check each Image to be compared and press enter. This will display the Image/Image Compare panel.

```

NSIMIPL:1229  IPL 19.0 - IPLCheck/AI Image/Image Compare
                  IPLPath Member Configurations

----- Source Inspection Logs with Specifics -----
SYSA  IFO.MTGY.IPLCHECK.SYSA.LOG  12/30/2025 V2R5 19-H04
SYSE  IFO.MTGY.IPLCHECK.SYSE.LOG  12/30/2025 V2R5 19-H04

----- Results of Member Comparisons -----
SYSA  has 71 members while SYSE  has 70 total members
SYSA  has configured 3 member that SYSE  has not
SYSA  has not configured 2 members that SYSE  has
SYSA  and SYSE  have 2 in common Show different content
SYSA  and SYSE  have 66 in common Show Status and Update

----- Simple Veen Reconciliation -----
SYSA  has 71 minus 3 plus 2 - result SYSE  has 70

```

The panel shows, in a summary, the configuration for each of the selected Images in a narrative format. At the top of the panel, the name of each image and its source Trace/Log are shown. These fields are “Hot”. Cursor under them to display additional detail, for example, cursor under the Image name and press enter to display the Trace/Log Search panel, shown below.

```

GOLD  IFO.MTGY.IPLCHECK.GOLD.LOG  12/21/2025 V2R5 19-H04
SYSA  IFO.MTGY.IPLCHECK.SYSA.LOG  12/28/2025 V2R5 19-H04

IPL 19.0 - Adhoc Search of IPLCheck Trace

Dataset  Members  UserIds  Message

Criteria: 

Enter Criteria, Cursor under Type, Press Return to Continue

SYMLST... 0 ... 0 ... Same 0 ... Diff 0

```

10.6 Show Different Content

NSIMIPL:1229		IPL 19.0 - IPLCheck/AI - Differences						Compare Member	
		SYSA	IFO.MTGY.IPLCHECK.SYSA.LOG						
		SYSE	IFO.MTGY.IPLCHECK.SYSE.LOG						
.. Mbr-01	.. Mbr-02	.. Mbr-03	.. Mbr-04	.. Mbr-05	.. Mbr-06	.. Mbr-07	.. Mbr-08		
IEASYMX1	IPLPATH	----	----	----	----	----	----		
.. Mbr-09	.. Mbr-10	.. Mbr-11	.. Mbr-12	.. Mbr-13	.. Mbr-14	.. Mbr-15	.. Mbr-16		
----	----	----	----	----	----	----	----		
.. Mbr-17	.. Mbr-18	.. Mbr-19	.. Mbr-20	.. Mbr-21	.. Mbr-22	.. Mbr-23	.. Mbr-24		
----	----	----	----	----	----	----	----		
.. Mbr-25	.. Mbr-26	.. Mbr-27	.. Mbr-28	.. Mbr-29	.. Mbr-30	.. Mbr-31	.. Mbr-32		
----	----	----	----	----	----	----	----		
.. Mbr-33	.. Mbr-34	.. Mbr-35	.. Mbr-36	.. Mbr-37	.. Mbr-38	.. Mbr-39	.. Mbr-40		
----	----	----	----	----	----	----	----		
.. Mbr-41	.. Mbr-42	.. Mbr-43	.. Mbr-44	.. Mbr-45	.. Mbr-46	.. Mbr-47	.. Mbr-48		
----	----	----	----	----	----	----	----		
.. Mbr-49	.. Mbr-50	.. Mbr-51	.. Mbr-52	.. Mbr-53	.. Mbr-54	.. Mbr-55	.. Mbr-56		
----	----	----	----	----	----	----	----		
.. Mbr-57	.. Mbr-59	.. Mbr-59	.. Mbr-60	.. Mbr-61	.. Mbr-62	.. Mbr-63	.. Mbr-64		
----	----	----	----	----	----	----	----		
.. Mbr-65	.. Mbr-66	.. Mbr-67	.. Mbr-68	.. Mbr-69	.. Mbr-70	.. Mbr-71	.. Mbr-72		
----	----	----	----	----	----	----	----		

```

/*****
/*
/*          IPLCheck/AI Member Cross Compare - Different Content          */
/*          Trace:IFO.MTGY.IPLCHECK.SYSA.LOG                             */
/*          Vs.                                                            */
/*          Trace:IFO.MTGY.IPLCHECK.SYSE.LOG                             */
/*          Date:2025/12/30 Time:14:15:40 User:PROBI1                    */
/*          */
/*****
Target Member:IEASYMX1

<>Update: DATE=2023/11/07 TIME=04:57:49 USER=ADCDMST.
<>Status: FOUND IN VOL=D5CFG1;DSN=USER.Z25D.PARMLIB.
SYSA..DEL..!      SYMDEF(&SYSNUM.='1')
SYSA..DEL..!      SYMDEF(&PORTNAME.='PLX5ETP1')
SYSA..DEL..!      SYMDEF(&IPNUM.='31')
SYSA..DEL..!      SYMDEF(&FTPSTR.='51000')
SYSA..DEL..!      SYMDEF(&FTPEND.='51099')
SYSA..DEL..!      SYSNAME(SYSA)
SYSA..DEL..!      SYSCLONE(XA)
SYSA..DEL..!      SYSPARM(WS,CM,XA)

<>Update: DATE=2023/11/07 TIME=04:57:49 USER=ADCDMST.
<>Status: FOUND IN VOL=D5CFG1;DSN=USER.Z25D.PARMLIB.
SYSE..ADD..!      SYMDEF(&SYSNUM.='5')
SYSE..ADD..!      SYMDEF(&PORTNAME.='PLX5ETP5')
SYSE..ADD..!      SYMDEF(&IPNUM.='35')
SYSE..ADD..!      SYMDEF(&FTPSTR.='10000')
SYSE..ADD..!      SYMDEF(&FTPEND.='10001')
SYSE..ADD..!      SYSNAME(SYSE)
SYSE..ADD..!      SYSCLONE(XE)
SYSE..ADD..!      SYSPARM(WS,CM,XE)

/*****
/*
/*          RptDsn:IFO.MTGY.IPLCHECK.MBRCHNGE.RPT                      */
/*          */
/*****
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```

10.7 Show Similar Content

When Members share common content, the following report will show their Status and Update metrics. The report is divided into two sections “Member Updates” - Date, Time, User and “Member Status” - Volume, Dataset. Changes in these data elements are highlighted in the right-hand column. If -, -, or - is shown, it means no changes were discovered. However when d, t, u or v, d is shown (or some variant) it means that a change has been detected and it is either Member Update or Change in Status or both.

The report is consecutively numbered in each section so that changes in one can easily be traced to the other.

```

/*****
/*
/*          IPLCheck/AI Member Cross Compare - Similar Content          */
/*          Trace:IFO.MTGY.IPLCHECK.SYSB.LOG                          */
/*          Vs.                                                         */
/*          Trace:IFO.MTGY.IPLCHECK.SOW1.LOG                          */
/*          Date:2025/12/30 Time:14:22:59 User:PROBI1                  */
/*          */
/*****

----- Member Update -----

01)Member:AUTORAD
   SYSB Update: DATE=2020/05/12 TIME=16:05:19 USER=IBMUSER.          -, -, -
   SOW1 Update: DATE=2020/05/12 TIME=16:05:19 USER=IBMUSER.
02)Member:AUTOR00
   SYSB Update:Unknown                                              -, -, -
   SOW1 Update:Unknown
03)Member:AXR00
   SYSB Update: DATE=2024/11/17 TIME=07:27:02 USER=PROBI1.          d, t, u
   SOW1 Update: DATE=2025/01/30 TIME=10:33:52 USER=GBAGS1.
04)Member:BPXPRMIZ
   SYSB Update: DATE=2020/10/21 TIME=14:30:41 USER=IBMUSER.          -, -, -
   SOW1 Update: DATE=2020/10/21 TIME=14:30:41 USER=IBMUSER.
05)Member:BPXPRMRZ
   SYSB Update: DATE=2022/10/27 TIME=14:55:44 USER=IBMUSER.          d, t, u
   SOW1 Update: DATE=2023/04/20 TIME=13:24:02 USER=ASHLEY.
06)Member:BPXPRM01
   SYSB Update: DATE=2019/11/07 TIME=10:18:09 USER=LARRYWD.          -, -, -
   SOW1 Update: DATE=2019/11/07 TIME=10:18:09 USER=LARRYWD.
07)Member:CEAPRM00
   SYSB Update: DATE=2022/12/26 TIME=10:36:17 USER=ADCDMST.          d, t, -
   SOW1 Update: DATE=2023/06/01 TIME=10:04:56 USER=ADCDMST.
08)Member:DEVSUP00
   SYSB Update: DATE=2022/12/26 TIME=11:46:56 USER=ADCDMST.          d, t, -
   SOW1 Update: DATE=2017/11/03 TIME=11:27:51 USER=ADCDMST.
09)Member:DIAG00
   SYSB Update: DATE=2022/05/23 TIME=11:27:04 USER=IBMUSER.          -, -, -
   SOW1 Update: DATE=2022/05/23 TIME=11:27:04 USER=IBMUSER.
   ....
37)Member:PROGLO
   SYSB Update: DATE=2022/12/26 TIME=10:56:11 USER=ADCDMST.          d, t, u
   SOW1 Update: DATE=2023/04/20 TIME=13:30:16 USER=ASHLEY.
38)Member:SCHED00
   SYSB Update: DATE=2025/08/02 TIME=13:04:31 USER=PROBI1.          d, t, u
   SOW1 Update: DATE=2016/09/28 TIME=11:14:03 USER=IBMUSER.

----- Member Status -----

01)Member:AUTORAD
   SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.          v, d
   SOW1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
02)Member:AUTOR00

```

```

SYSB Status: FOUND IN VOL=C5RES1;DSN=SYS1.PARMLIB.          v,-
S0W1 Status: FOUND IN VOL=D5RES1;DSN=SYS1.PARMLIB.
03)Member:AXR00
SYSB Status: FOUND IN VOL=C5CFG1;DSN=USER.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5CFG1;DSN=USER.Z25D.PARMLIB.
04)Member:BPXPRMIZ
SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
05)Member:BPXPRMRZ
SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
06)Member:BPXPRM01
SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
07)Member:CEAPRM00
SYSB Status: FOUND IN VOL=C5CFG1;DSN=USER.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5CFG1;DSN=USER.Z25D.PARMLIB.
08)Member:DEVSUP00
SYSB Status: FOUND IN VOL=C5CFG1;DSN=USER.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
09)Member:DIAG00
SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
....
37)Member:PROGL0
SYSB Status: FOUND IN VOL=C5CFG1;DSN=USER.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.
38)Member:SCHED00
SYSB Status: FOUND IN VOL=C5SYS1;DSN=ADCD.Z25C.PARMLIB.      v,d
S0W1 Status: FOUND IN VOL=D5SYS1;DSN=ADCD.Z25D.PARMLIB.

/*****
/*
/*                      RptDsn:IFO.MTGY.IPLCHECK.MBRCHNGE.RPT
/*
/*
/*****

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```

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