



NewEra Software
Our Power User Group Update



Our Job?

*Helping you make repairs, avoid problems and improve z/OS integrity.
This results in a safer and more secure environment for your business applications.*



NewEra Software
Our Power User Group Update



Agenda – 45 Minutes

1. TSO/ISPF support for The Control Editor, Edit Function
2. Support for the IBM Health Checker for z/OS
3. Supplemental Inspectors 3.0, The Check/Policy Inspector
4. The Inspector Development Kit (IDK), upgrading the Custom Inspectors
5. Fast DASD Erase for z/OS, TSO/ISPF access/control interface
6. IODF Blueprinting and Change Detection, Dallas development tools

Optional – 30 Minutes

1. Policy Inspector walk through and demonstration



NewEra Software
The Control Editor and ISPF Access



The Issue:

The IFO Control Environment:

- ❖ IFO Core
- ❖ z/OS Inspector
- ❖ Subsystem Inspectors
- ❖ Supplemental Inspectors
- ❖ The Control Editor

Response:



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The Control Editor and ISPF Access



The Issue:

The IFO Control Environment:

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- ❖ Subsystem Inspectors
- ❖ Supplemental Inspectors
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IFO Logon requirement may:

1. Limit productive use.
2. Require a change in habits.
3. A need for training.

Response:



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The Control Editor and ISPF Access



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- ❖ The Control Editor

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Response:

1. Port Member Display and Edit functions to TSO/ISPF.
2. Implement distinct Administration (IFO/ISPF) and User Views (TSO/ISPF).



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The Control Editor and ISPF Access



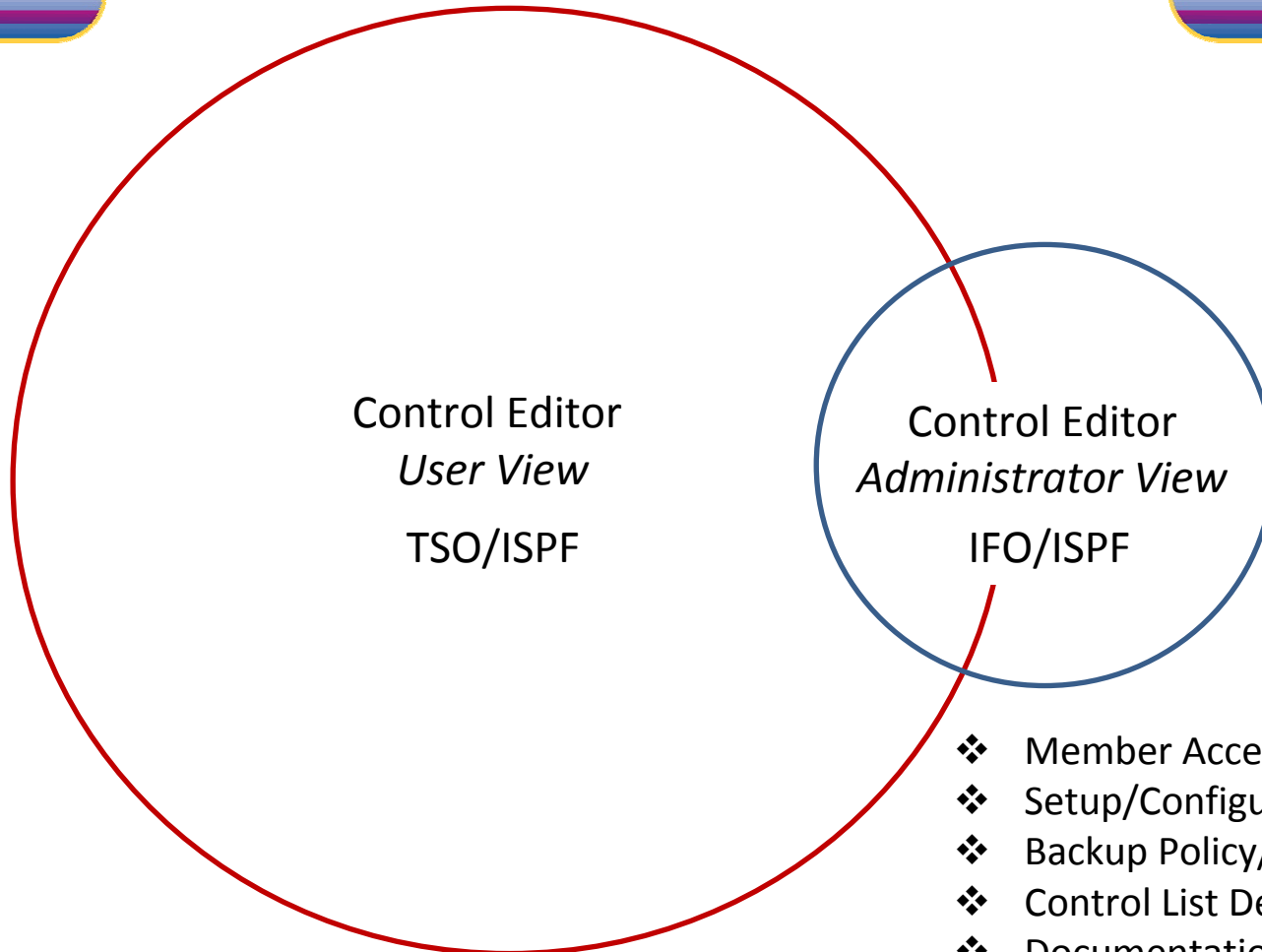
Control Editor
Administrator View
IFO/ISPF

- ❖ Member Access/Editing
- ❖ Setup/Configuration
- ❖ Backup Policy/Management
- ❖ Control List Determination
- ❖ Documentation Standards
- ❖ Journal Review/Management
- ❖ Oversight/Reporting



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The Control Editor and ISPF Access



- ❖ Member Access/Editing
- ❖ Setup/Configuration
- ❖ Backup Policy/Management
- ❖ Control List Determination
- ❖ Documentation Standards
- ❖ Journal Review/Management
- ❖ Oversight/Reporting



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The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
                                     Data Set List Utility
Option ==> _

blank Display data set list          P Print data set list
V Display VTOC information          PV Print VTOC information

Enter one or both of the parameters below:
Dsname Level . . . VENDOR.PARMLIB
Volume serial . . .

Data set list options
Initial View . . . 1  1. Volume      Enter "/" to select option
                     2. Space        / Confirm Data Set Delete
                     3. Attrib       / Confirm Member Delete
                     4. Total        / Include Additional Qualifiers
                                   / Display Catalog Name

When the data set list is displayed, enter either:
"/" on the data set list command field for the command prompt pop-up,
an ISPF line command, the name of a TSO command, CLIST, or REXX exec, or
"=" to execute the previous command.
```

Dataset Selection ----->



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The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
Data Set List Utility

Option ==>
blank Display data set list          P Print data set list
V Display VTOC information            PV Print VTOC information

Enter one or both of the parameters below:
Dsname Level . . . VENDOR.PARMLIB

Ds  Menu  Functions  Confirm  Utilities  Help
EDIT  VENDOR.PARMLIB  Row 00001 of 00015
Command ==>  Scroll ==> PAGE
Name Prompt Size Created Changed ID
ALLJ2 12 1998/08/07 2007/11/12 13:15:13 IBMUSER
ALLJ3 7 1998/08/07 1998/08/07 12:36:39 TODD
COMMNDGD 1 2007/11/15 2007/11/15 15:21:01 IBMUSER
COMMNDIF 3 1998/10/09 2007/11/15 14:53:03 IBMUSER
COMMNDVN 4 1998/10/09 2007/11/15 14:45:09 IBMUSER
HZSPRM00
HZSPRM01
HZSPRM02
IBMSYSLV 66 1999/04/15 2007/11/14 21:33:09 PHARL2
IEASYMVN 1 1998/10/09 1998/10/09 21:47:10 RALEY
IEASYSPH 66 1999/04/15 2005/08/05 09:11:02 RAMON
IEASYSVN 12 1998/10/07 2007/11/12 12:34:38 IBMUSER
ISFPRM00 907 2005/05/14 2007/11/12 12:51:43 IBMUSER
PROGVN 10 2007/11/12 2007/11/12 12:31:36 IBMUSER
VATLST00 4 2007/11/10 2007/11/11 10:10:30 IBMUSER
**End**
```

Dataset Selection -----> Member Selection ----->



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The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
Data Set List Utility
Option ==>
blank Display data set list          P Print data set list
V Display VTOC information            PV Print VTOC information
Enter one or both of the parameters below:
Dsname Level . . . VENDOR.PARMLIB

De  Menu  Functions  Confirm  Utilities  Help
EDIT  VENDOR.PARMLIB  Row 00001 of 00015
Command ==>  Scroll ==> PAGE
Name      Prompt      Size  Created      Changed      ID
ALLJ2     12  1998/08/07  2007/11/12  13:15:13  IBMUSER
ALLJ3     7  1998/08/07  1998/08/07  12:36:39  TODD
COMMNDGD  1  2007/11/15  2007/11/15  15:21:01  IBMUSER
COMMNDIF  3  1998/10/09  2007/11/15  14:53:03  IBMUSER
COMMNDVN  4  1998/10/09  2007/11/15  14:45:00  IBMUSER

File  Edit  Edit_Settings  Menu  Utilities  Compilers  Test  Help
EDIT  VENDOR.PARMLIB(PROGVN) - 01.00  Columns 00001 00072
Command ==>  Scroll ==> PAGE
***** ***** Top of Data *****
==MSG> -Warning- The UNDO command is not available until you change
==MSG> your edit profile using the command RECOVERY ON.
000001 APF ADD
000002 DSNAME(IFO.IFOB.LOAD)  VOLUME(VPWRKG)
000003 APF ADD
000004 DSNAME(IFO.IFOC.LOAD)  VOLUME(VPWRKG)
000005 APF ADD
000006 DSNAME(IFO.IFOD.LOAD)  VOLUME(VPWRKG)
000007 APF ADD
000008 DSNAME(IFO.IFOP.LOAD)  VOLUME(VPWRKG)
000009 APF ADD
000010 DSNAME(IFO.IFOT.LOAD)  VOLUME(VPWRKG)
***** ***** Bottom of Data *****
```

Dataset Selection -----> Member Selection -----> Authorized Edit Access



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The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
Data Set List Utility
Option ==>
blank Display data set list          P Print data set list
V Display VTOC information            PV Print VTOC information
Enter one or both of the parameters below:
Dsname Level . . . PROBI1.USER.PARMLIB
Volume serial . . .
Data set list options
Initial View . . . 1  1. Volume      Enter "/" to select option
                     2. Space        / Confirm Data Set Delete
                     3. Attrib       / Confirm Member Delete
                     4. Total        / Include Additional Qualifiers
                                   / Display Catalog Name
When the data set list is displayed, enter either:
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an ISPF line command, the name of a TSO command, CLIST, or REXX exec, or
"=" to execute the previous command.
```

Dataset Selection ----->



NewEra Software

The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
Data Set List Utility
Option ==>
blank Display data set list          P Print data set list
V Display VTOC information            PV Print VTOC information
Enter one or both of the parameters below:
Dsname Level . . . PROBI1.USER.PARMLIB
Volume serial . . .
Data set list options
Control Editor 2.0 Member List
COMMAND ==>
SYSPLEX = SVSCPLEX  SYSTEM = S0W1  For HELP use PF1
LINE Member Concat UPD BKP IFO DUP Volume Dataset Name
w/ CMD Name Number
.. $README 0 BKP VPWRKI PROBI1.USER.PARMLIB
.. ABCDEFGX 0 BKP VPWRKI PROBI1.USER.PARMLIB
.. BPXPRMGD 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. BPXPRMS7 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. BPXPRMW8 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. CLOCKNE 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDBB 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDCC 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDCY 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDGG 0 UPD BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDIF 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
.. COMMNDIG 0 BKP IFO VPWRKI PROBI1.USER.PARMLIB
Row 1 to 38 of 57
SCROLL ==> PAGE
```

Dataset Selection -----> Member Selection ----->



NewEra Software

The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help
Data Set List Utility
Option ==>
blank Display data set list          P Print data set list
V Display VTOC information          PV Print VTOC information
Enter one or both of the parameters below:
Dsname Level . . . PROBI1.USER.PARMLIB
Volume serial . . .
Data set list options
Control Editor 2.0 Member List
COMMAND ==>
SYSPLEX = SVSCPLEX  SYSTEM = S0W1
For HELP use PF1
Row 1 to 38 of 57
SCROLL ==> PAGE
wr LINE Member Concat Prompt
CMD Name Number USERID DATE TIME
.. $README 0 PROBI1 2007/09/14 15:54:48
.. ABCDEFGX 0 GBAGS2 2007/09/07 14:36:37
.. BPXPRMGD 0 GDANI1 2007/04/09 07:10:25
.. BPXPRMS7 0 GDANI1 2007/04/09 06:39:58
.. BPXPRMW8 0 ADCDMST 2007/04/15 23:10:19
.. CLOCKNE 0 ADCDMST 2006/10/29 09:07:49
.. COMMNDBB 0 GBAGS2 2007/05/24 05:10:29
.. COMMNDCG 0 CGOLL2 2007/09/13 15:17:34
.. COMMNDCY 0 CCHIN2 2007/09/12 10:06:55
.. COMMNDGG 0 PROBI1 2007/09/18 10:12:05
.. COMMNDIE 0 GBAGS2 2007/08/20 12:49:23
```

Dataset Selection -----> Member Selection ----->



NewEra Software

The Control Editor and ISPF Access



```
Menu  RefList  RefMode  Utilities  Help

Data Set List Utility

Option ==>
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Enter one or both of the parameters below:
Dsname Level . . . PROBI1.USER.PARMLIB
Volume serial . . .

Data set list options

Control Editor 2.0 Member List                      Row 1 to 38 of 57
SCROLL ==> PAGE

COMMAND ==>
SYSPLEX = SVSCPLEX  SYSTEM = S0W1          For HELP use PF1
wr LINE Member Concat Prompt          ----- Stored -----
CMD Name Number          USERID      DATE      TIME
.. $README 0          PROBI1      2007/09/14 15:54:48
.. ABCDEFGX 0          GBAGS2      2007/09/07 14:36:37
.. File Edit Edit_Settings Menu Utilities Compilers Test Help

.. EDIT PROBI1.USER.PARMLIB(PROGNE)          Columns 00001 00072
.. Command ==>          Scroll ==> PAGE
.. ***** Top of Data *****
.. =NOTE= Image Focus Control Editor 2.0 ; See messages that follow
.. =MSG> Enter a description for this change in the lines below:
.. =MSG> Warning- DO NOT add or delete any descriptor lines
.. ===== START OF DESCRIPTION =====
.. 000001 01
.. 000002 02
.. 000003 03
.. ===== END OF DESCRIPTION =====
.. =MSG> -CAUTION- Profile changed to CAPS ON (from CAPS OFF) because the
.. =MSG> data does not contain any lower case characters.
.. =MSG> -Warning- The UNDO command is not available until you change
.. =MSG> your edit profile using the command RECOVERY ON.
.. 000004 APF ADD
.. 000005 DSNNAME(IFO.IFOD.LOAD)          VOLUME(USR002)
.. 000006 APF ADD
.. 000007 DSNNAME(IFO.IFOH.LOAD)          VOLUME(USR003)
.. 000008 APF ADD
```

Dataset Selection -----> Member Selection -----> Controlled/Authorized Access



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The Control Editor and ISPF Access



Entry Points	“As Is” ¹	“Macro” ²	“Not Yet” ³
ISPF option 3.1 member Edit	✗		
ISPF option 3.4 member Edit	✗		
ISPF option 11 member Edit	✗		
ISPF option 2		✗	
EPDF primary command		✗	
EDIT primary command		✗	
TSO Edit			✗ ₄
IEBGENER/IEBCOPY/IDCAMS updates			✗ ₄
COPY/REPLACE/CREATE primary cmd			✗ ₄

1 – Uses the Member List build-in Line Command exit.

2 – Uses the Site-wide initial Edit Macro.

3 – Not within the scope of the development objective.

4 – Detected changes reported as control violations.



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The IBM Health Checker for z/OS



The Issue:

The Health Checker :

- ❖ 100+ checks with V1R9
- ❖ Dedicated Product Team
- ❖ 16+ IBM groups using
- ❖ Vendor /User use?

Response:



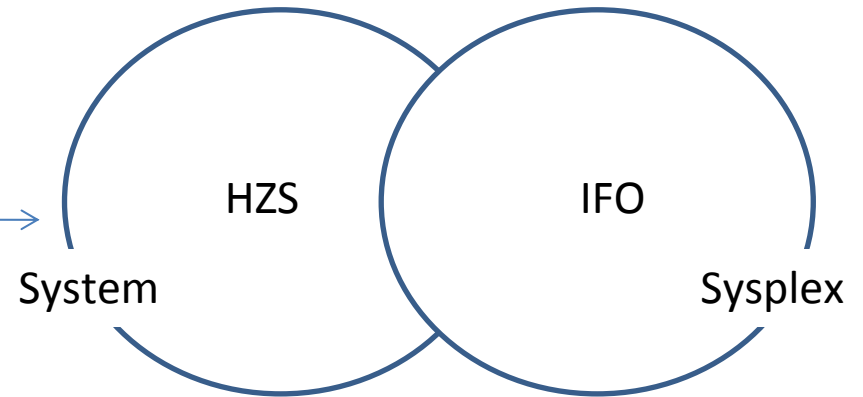
NewEra Software
The IBM Health Checker for z/OS



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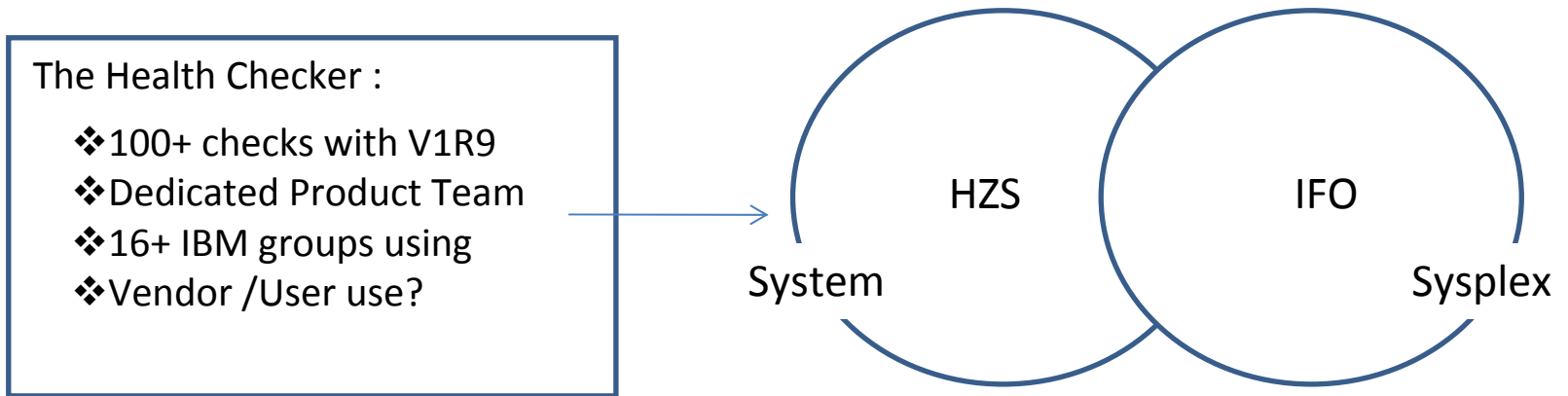
Response:



NewEra Software
The IBM Health Checker for z/OS



The Issue:

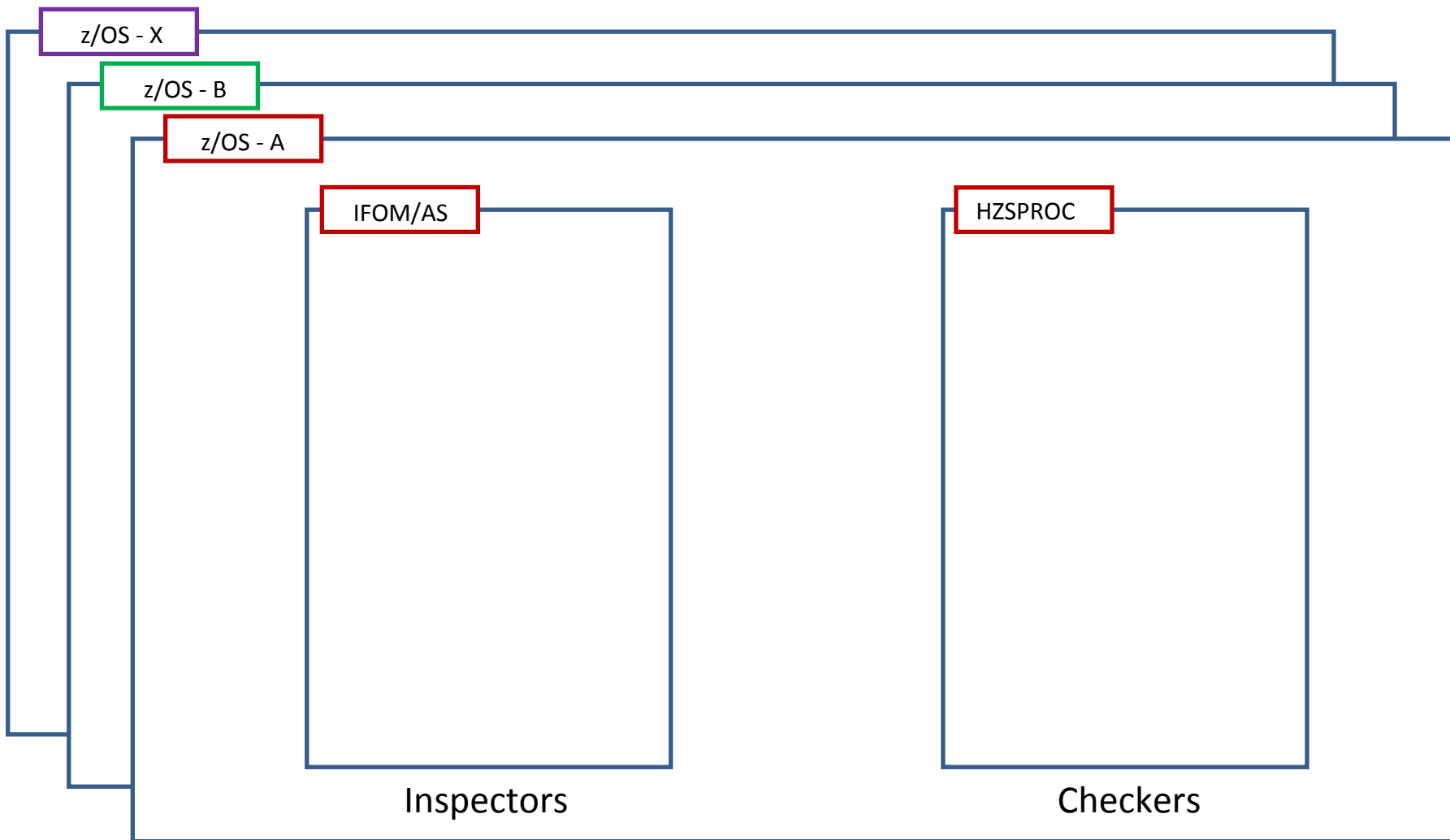


Response:

1. Support Inspector Check Registration and Posting.
2. Implement REXX Check List and Query Tools.
3. Develop remote system/image/LPAR Agent.
4. Open Tools Interface to general use.

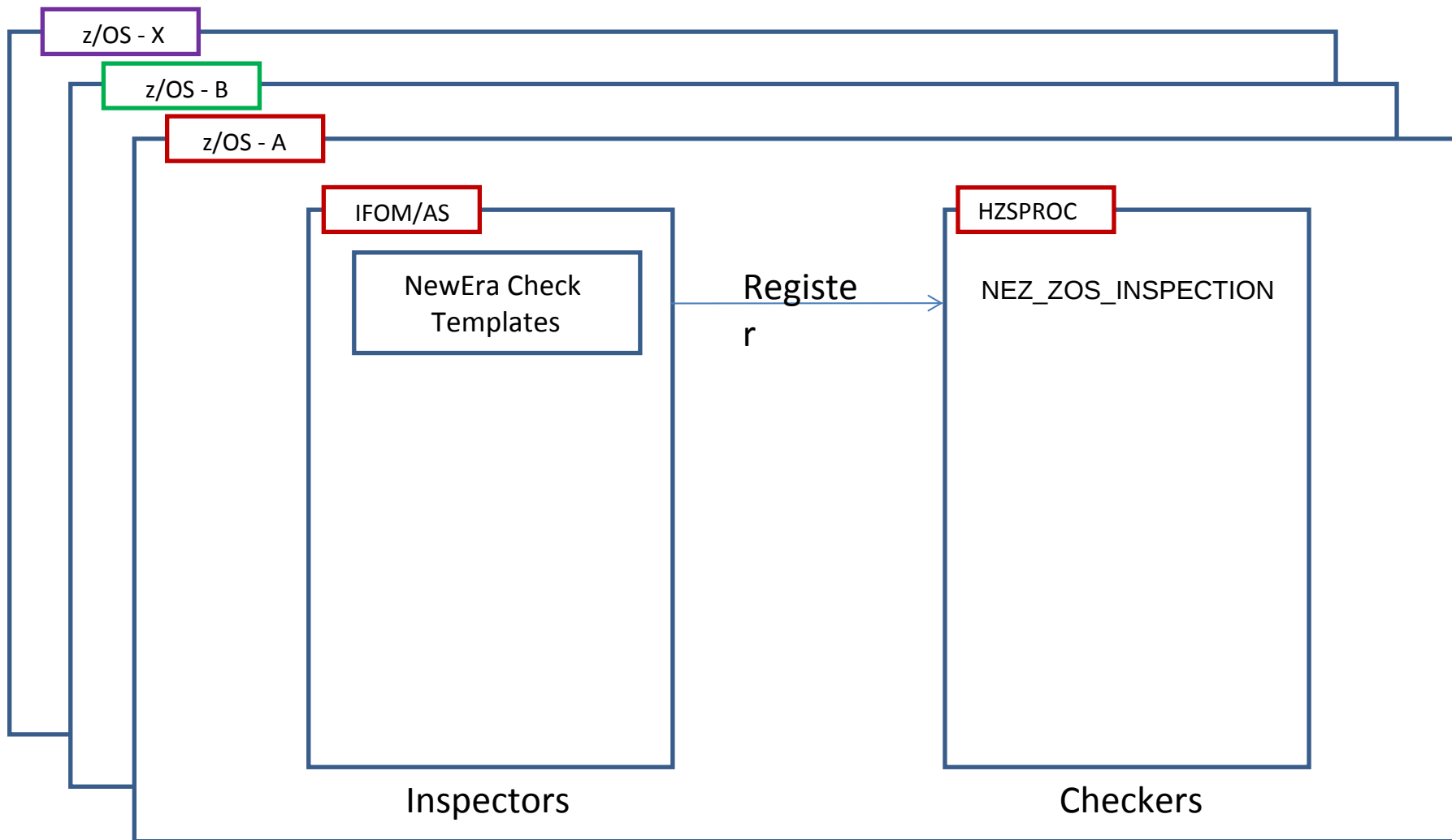


NewEra Software
The IBM Health Checker for z/OS



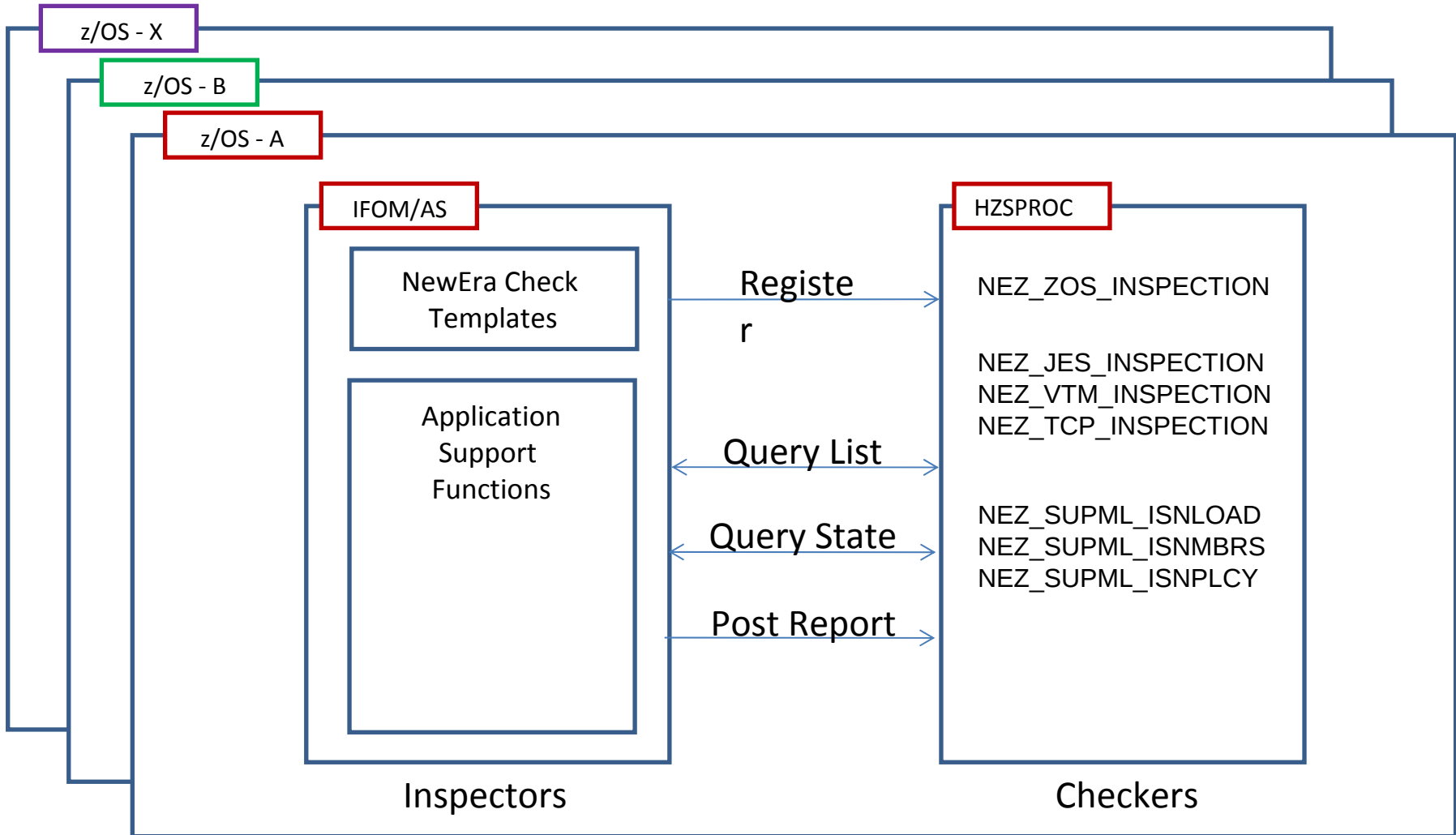


NewEra Software
The IBM Health Checker for z/OS



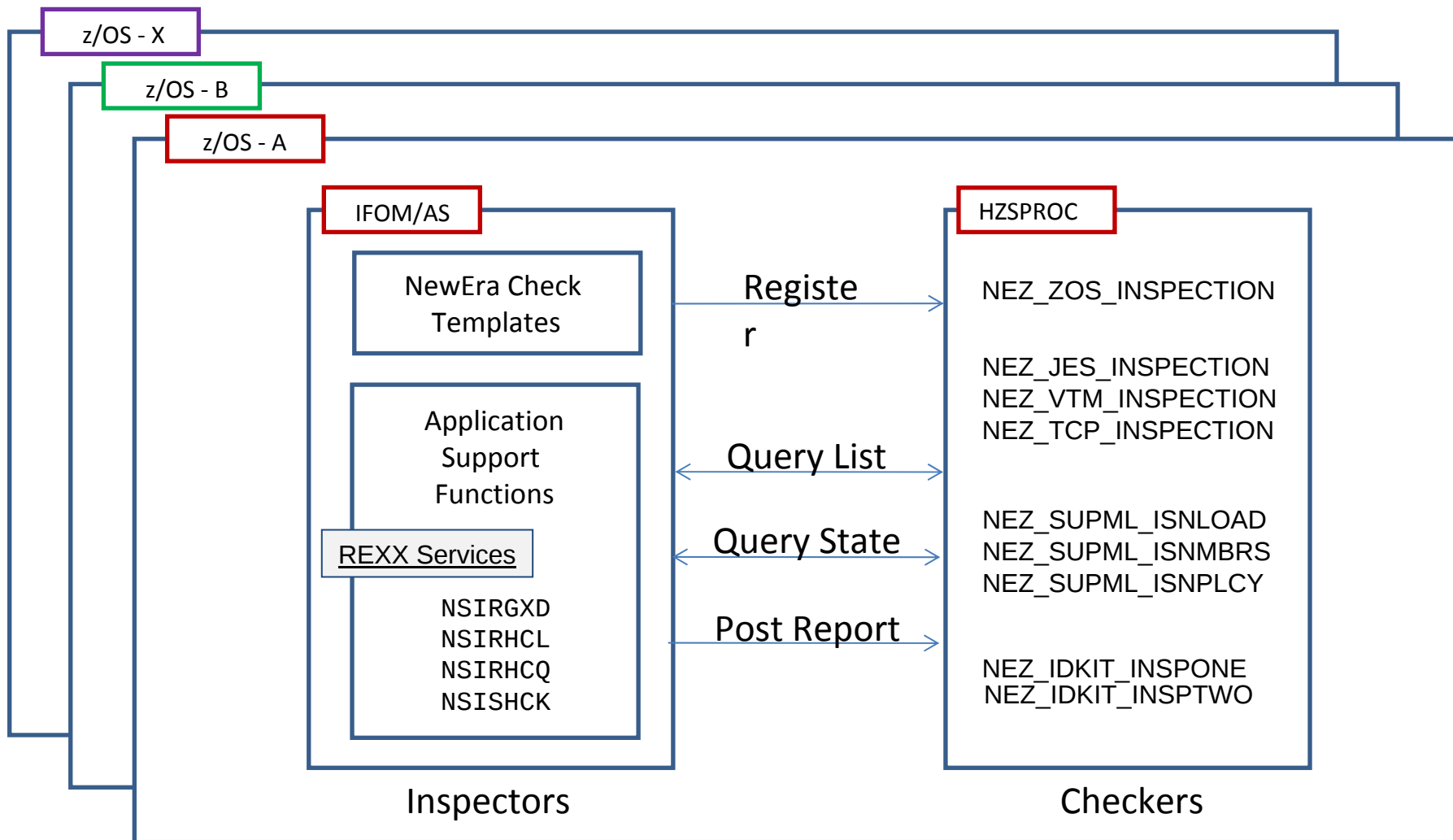


NewEra Software
The IBM Health Checker for z/OS



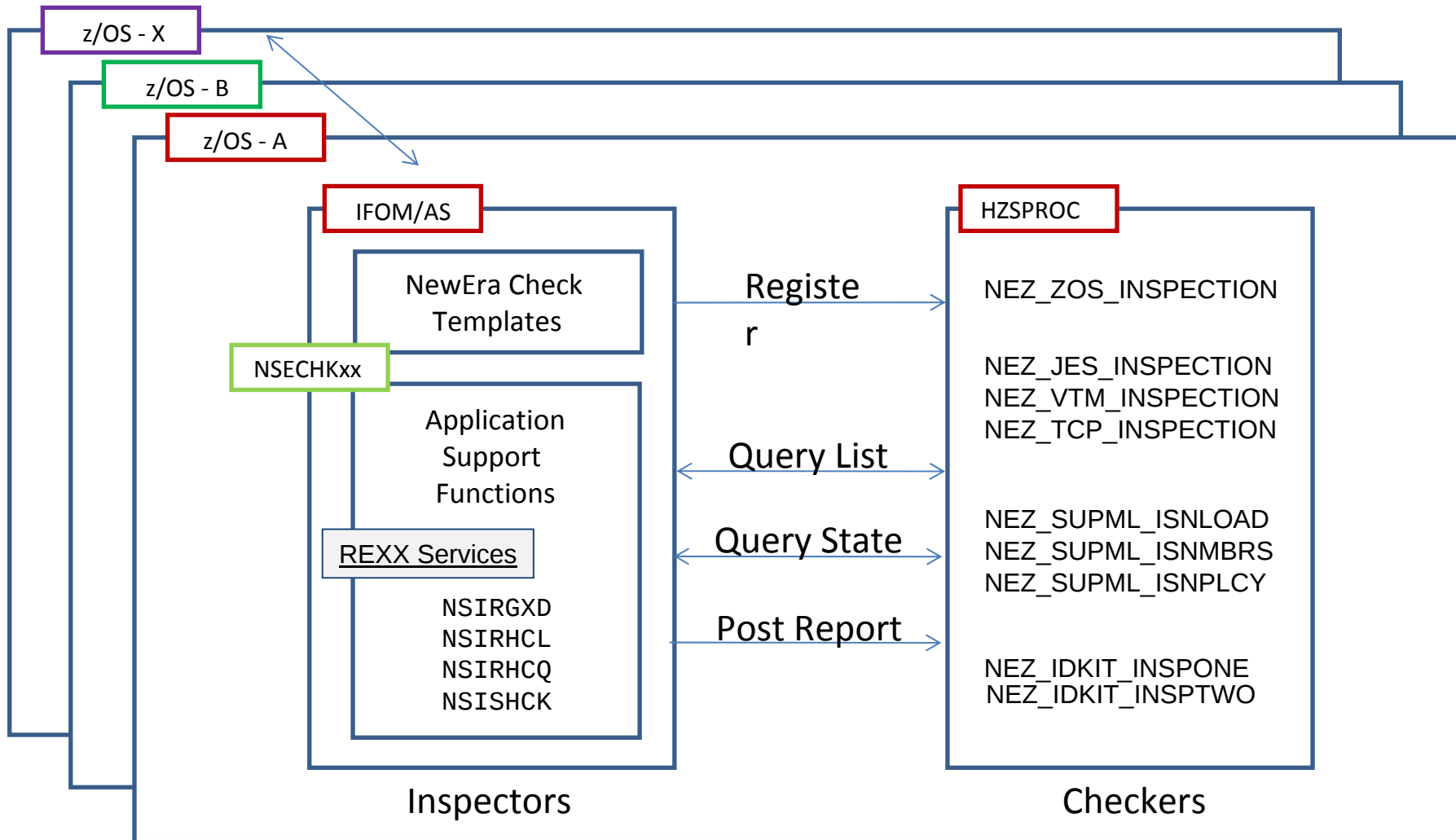


NewEra Software
The IBM Health Checker for z/OS





NewEra Software
The IBM Health Checker for z/OS





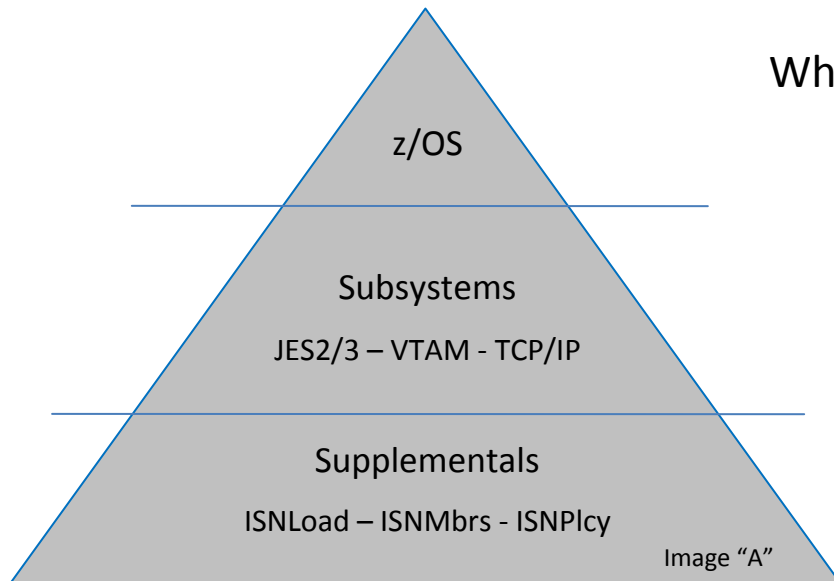
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Supplementals 3.0 & The Policy Inspector



What are the Supplemental Inspectors:

Supplemental Inspectors extend the scope of the inspection and blueprinting process to include critical system components and system settings not necessarily prevailing or critical during an Image IPL. Specifically the Supplemental Inspectors monitor the modules and objects in system libraries, the members in partitioned datasets and the *installation policies* that are used to control system security (RACF, ACF2, & Top Secret), the monitoring of overall system health (HZSPROC) and the defined hardware configuration (IODF).



What's New in 3.0

1. Configuration Simplification
2. Posting to the Health Checker
3. The Policy Inspector:
 - ❖ Security
 - ❖ **Health** →
 - ❖ Hardware



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The Policy Inspector – Health Checks



The Issue:

The Health Checker :

- ❖ 100+ checks with V1R9
- ❖ Dedicated Product Team
- ❖ 16+ IBM groups using
- ❖ Vendor /User use?



Anecdotal Reviews:

- ❖ Some find it useful.
- ❖ Not much interest/use.
- ❖ Turned it on, but now off.

Anecdotal Reasoning:

- ❖ Little added value.
- ❖ Informational overload.
- ❖ Summary, History, Changes?

Response:

1. Exploit Image FOCUS HZS specific REXX Services.
2. Blueprint Check Status, Compare Blueprints for Change.
3. Normalize Check Exceptions into Image FOCUS Message Formats.
4. Incorporate Check Inspection Report into IFO Report Flow.
5. Use Email for sending Check Exception/Change Alerts.



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The Policy Inspector – Health Checks



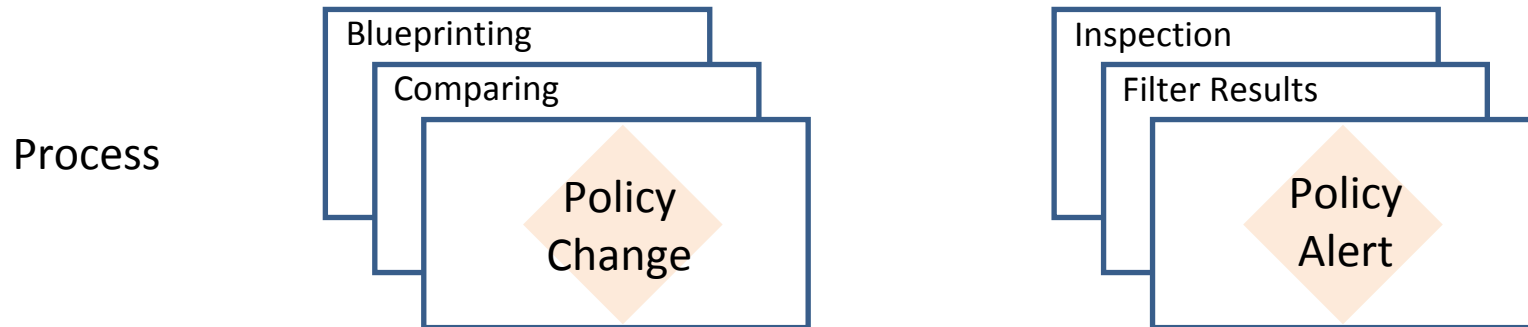
Process

Reports
and
Notices



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The Policy Inspector – Health Checks

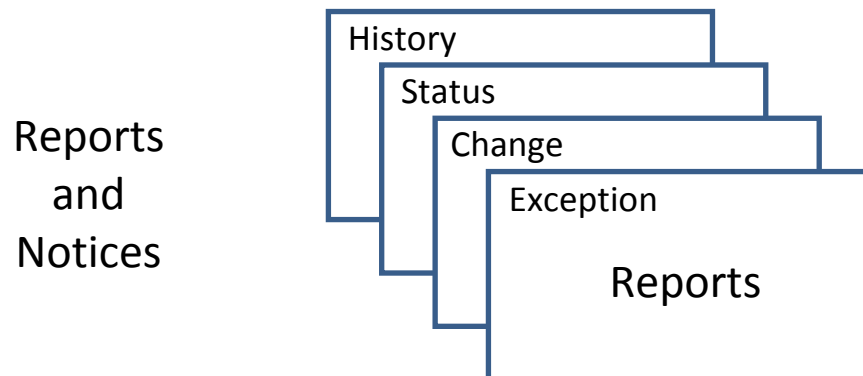
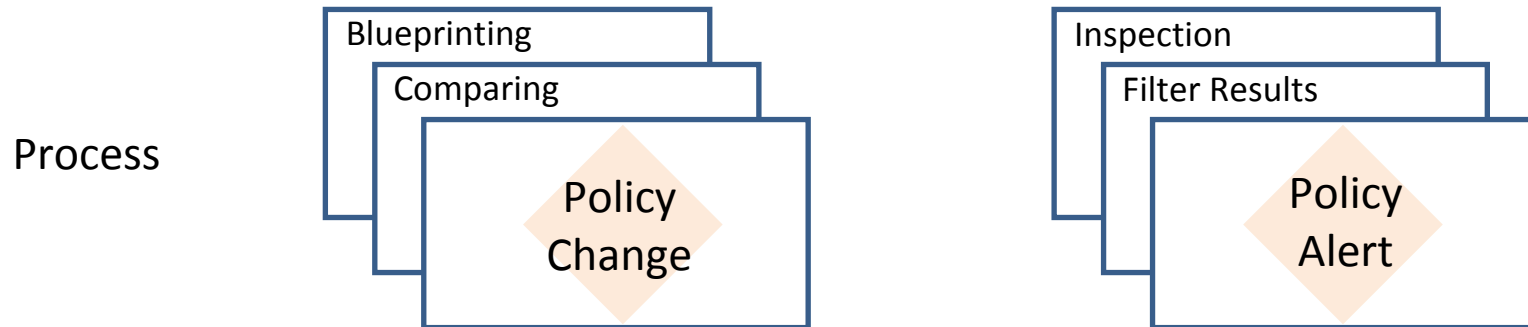


Reports
and
Notices



NewEra Software

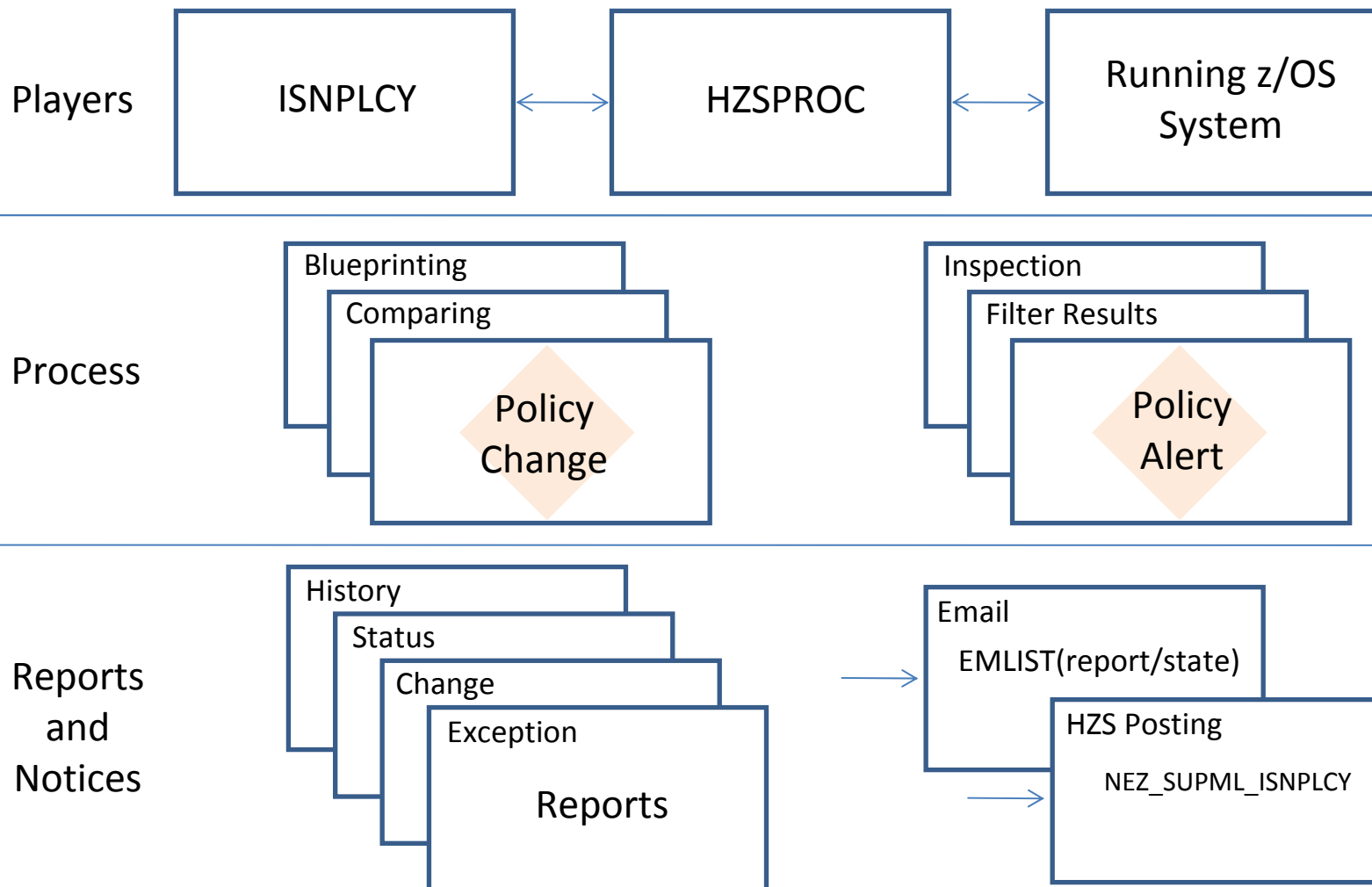
The Policy Inspector – Health Checks





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The Policy Inspector – Health Checks





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The Policy Inspector – Health Checks



```
Session A - [43 x 80]
File Edit View Communication Actions Window Help

Menu Utilities Compilers Help

BROWSE IFO.IFOP.PDSCHKR.IMAG0001.$01AD0E($CHKLIST Line 00000029 Col 001 080
Command ==> Scroll ==> PAGE

PLY5300I >074 ACTIVE AND RESOLVED CHECK - DETAIL REPORT.

PLY5310I
PLY5310I
Entry Date Time State Owners Check Name
-----
PLY5320W 001 036 11/15/07 15:43:27 EXC HIG IBMRACF RACF_SENSITIVE_RESOURCES
PLY5320W 002 071 11/15/07 17:43:28 EXC HIG IBMXCF XCF_CDS_SEPARATION

PLY5330N 001 003 11/15/07 15:43:28 EXC MED IBMASH ASM_PLPA_COMMON_SIZE
PLY5330N 002 004 11/15/07 15:43:28 EXC MED IBMASH ASM_PAGE_ADD
PLY5330N 003 009 11/15/07 17:43:28 EXC MED IBMCNZ CNZ_SYSCONS_PD_MODE
PLY5330N 004 029 11/15/07 15:43:27 EXC MED IBMRACF RACF_UNIXPRIV_ACTIVE
PLY5330N 005 030 11/15/07 15:43:27 EXC MED IBMRACF RACF_TAPEVOL_ACTIVE
PLY5330N 006 034 11/15/07 15:43:27 EXC MED IBMRACF RACF_TEMPDSN_ACTIVE
PLY5330N 007 035 11/15/07 15:43:27 EXC MED IBMRACF RACF_IBMUSER_REVOKED
PLY5330N 008 067 11/15/07 15:43:28 EXC MED IBMXCF XCF_TCLASS_CLASSLEN
PLY5330N 009 073 11/15/07 15:43:28 EXC MED IBMXCF XCF_SFM_ACTIVE

PLY5340I 001 014 11/15/07 15:43:27 EXC LOW IBMCNZ CNZ_CONSOLE_ROUTCODE_11
PLY5340I 002 016 11/15/07 15:43:27 EXC LOW IBMCNZ CNZ_CONSOLE_MSCOPE_AND_R
PLY5340I 003 019 11/15/07 15:43:27 EXC LOW IBMCSV CSV_LNKLST_SPACE
PLY5340I 004 021 11/15/07 15:43:27 EXC LOW IBMCSV CSV_APPF_EXISTS
PLY5340I 005 027 11/15/07 15:43:28 EXC LOW IBMGRS GRS_MODE
PLY5340I 006 028 11/15/07 15:43:27 EXC LOW IBMPDSE PDSE_SMSPDSE1
PLY5340I 007 042 11/15/07 15:43:28 EXC LOW IBMRSM RSM_REAL
PLY5340I 008 049 11/15/07 15:43:27 EXC LOW IBMUSS USS_MAXSOCKETS_MAXFILEPR
PLY5340I 009 069 11/15/07 15:43:28 EXC LOW IBMXCF XCF_TCLASS_HAS_UNDESIG

PLY5350I 001 001 11/15/07 17:43:28 AOK MED IBMASH ASM_PLPA_COMMON_USAGE
PLY5350I 002 002 11/15/07 17:43:28 AOK MED IBMASH ASM_LOCAL_SLOT_USAGE
PLY5350I 003 005 11/15/07 15:43:28 AOK LOW IBMASH ASM_NUMBER_LOCAL_DATASET
PLY5350I 004 006 11/15/07 15:43:27 AOK LOW IBMCS CSTCP_TCPMAXRCVBUFFER_SIZE
PLY5350I 005 007 11/15/07 15:43:27 AOK LOW IBMCS CSTCP_SYSTCPIP_TRACE_TC
PLY5350I 006 008 11/15/07 15:43:27 AOK LOW IBMCS CSVTAM_CSM_STG_LIMIT
PLY5350I 007 010 11/15/07 15:43:27 AOK HIG IBMCNZ CNZ_EMCS_INACTIVE_CONSOL
PLY5350I 008 011 11/15/07 15:43:27 AOK LOW IBMCNZ CNZ_SYSCONS_ROUTCODE
PLY5350I 009 012 11/15/07 15:43:27 AOK MED IBMCNZ CNZ_SYSCONS_MSCOPE
PLY5350I 010 013 11/15/07 15:43:27 AOK MED IBMCNZ CNZ_EMCS_HARDCOPY_MSCOPE

ISNPly Check Inspection Report

MA a 04/015
Connected to remote server/host 192.86.32.142 using lu/pool TCP00018 and port 623 HP LaserJet III on LPT1:
Start Not connected - Glo... power_user_group... ISNMAIL_UPDATE... Session A - [43 x ... Inbox - Microsoft O... untitled - Paint 1:27 PM
```



NewEra Software

The Policy Inspector – Health Checks



```
Session A - [43 x 80]
File Edit View Communication Actions Window Help

Menu Utilities Compilers Help

BROWSE IFO.IFOP.PDSCHKR.IMAG0001.$01AD0E($CHKEACP Line 00000000 Col 001 080
Command ==> Scroll ==> PAGE
***** Top of Data *****
/*
/* Policy Inspector - Exception Summary Report - CPU Serial Number:01AD0E */
/*
/* Update:11/15/07 and Time:17:45:03 - Update User:IFOBG */
/*
/* *****
|
PLY8001I *****
PLY8002I * CHECK EXCEPTION SUMMARY REPORT
PLY8002I *****
|
PLY8010I Health Checker Exception Summary - Thursday, 15 Nov 2007 at 17:45:03
PLY8010I
PLY8010I State ----- Check Name ----- Check Params -----
PLY8010I EXC HIGH RACF_SENSITIVE_RESOURCES NO PARM
PLY8010I EXC HIGH XCF_CDS_SEPARATION NO PARM
PLY8010I EXC MED ASM_PLPA_COMMON_SIZE THRESHOLD(100%)
PLY8010I EXC MED ASM_PAGE_ADD MINADDS(2)
PLY8010I EXC MED CNZ_SYSCONS_PD_MODE NO PARM
PLY8010I EXC MED RACF_UNIXPRIV_ACTIVE UNIXPRIV
PLY8010I EXC MED RACF_TAPEVOL_ACTIVE TAPEVOL
PLY8010I EXC MED RACF_TEMPDSN_ACTIVE TEMPDSN
PLY8010I EXC MED RACF_IBMUSER_REVOKED NO PARM
PLY8010I EXC MED XCF_TCLASS_CLASSLEN 2
PLY8010I EXC MED XCF_SFM_ACTIVE ACTIVE
PLY8010I EXC LOW CNZ_CONSOLE_ROUTCODE_11 NO PARM
PLY8010I EXC LOW CNZ_CONSOLE_MSCOPE_AND_ROUTCODE NO PARM
PLY8010I EXC LOW CSV_LNKLST_SPACE NO PARM
PLY8010I EXC LOW CSV_APF_EXISTS NO PARM
PLY8010I EXC LOW GRS_MODE STAR
PLY8010I EXC LOW PDSE_SMSPDSE1 NO PARM
PLY8010I EXC LOW RSM_REAL NO PARM
PLY8010I EXC LOW USS_MAXSOCKETS_MAXFILEPROC 64000,64000
PLY8010I EXC LOW XCF_TCLASS_HAS_UNDESIG NO PARM
|
/*****
ISNPlcy Check Exception Summary
MA a 04/015
Connected to remote server/host 192.86.32.142 using lu/pool TCP00018 and port 623
[HP LaserJet III on LPT1:
Start Not connected - Glo... power_user_group... ISNMAIL_UPDATE... Session A - [43 x ... Inbox - Microsoft O... untitled - Paint 1:24 PM
```



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The Policy Inspector – Health Checks



```
Session A - [43 x 80]
File Edit View Communication Actions Window Help

Menu Utilities Compilers Help

BROWSE IFO.IFOP.PDSCHKR.IMAG0001.$01AD0E($CHKCNGS Line 00000000 Col 001 080
Command ==> Scroll ==> PAGE
***** Top of Data *****
/*****
/*
/* Policy Inspector - Check Change Report - CPU Serial Number:01AD0E
/*
/* Update:11/19/07 and Time:12:35:45 - Update User:PROBI1
/*
/*
/*****
PLY8551I *****
PLY8552I * BLUEPRINT COMPARISON & CHANGE REPORTS *
PLY8552I *****
|
PLY8610I >ACTIVE PROCLIB COMPARISON.
|
PLY8620I >ACTIVE PARMLIB COMPARISON.
|
PLY8630I >ACTIVE CHECK COMPARISON.
|
PLY8631I ...NO CHECKS HAVE BEEN ADDED.
|
PLY8641I 1 CHECK HAS BEEN DELETED.
|
PLY8642I DEL:CHK074 11/15/07 15:43:26 AOK HIG NEZOPSYS OPSYS_VERIFY_IPL
|
PLY8650I >ACTIVE CHECK COMPARISON - EXCEPTIONS.
|
PLY8651I ...2 COMMON CHECKS HAVE CHANGED.
|
PLY8652C NEW:CHK004 11/18/07 14:40:19 EXC MED IBMASM ASM_PAGE_ADD
PLY8653I OLD:CHK004 11/15/07 15:43:28 AOK MED IBMASM ASM_PAGE_ADD
|
PLY8652C NEW:CHK011 11/18/07 14:40:19 AOK LOW IBM CNZ CNZ_SYSCONS_ROUTCODE
PLY8653I OLD:CHK011 11/15/07 15:43:27 AOK HIG IBM CNZ CNZ_SYSCONS_ROUTCODE
|
PLY8660I >ACTIVE CHECK COMPARISON - PARAMETERS.
|
PLY8661I ...2 COMMON CHECKS HAVE CHANGED.

ISNPlcy Check Change Report

MA a 04/015
Connected to remote server/host 192.86.32.142 using lu/pool TCP00016 and port 623 HP LaserJet III on LPT1:
Start Inbox - Microsoft Outlook Microsoft PowerPoint - [...] Session A - [43 x 80] Session B - [43 x 80] Newera Software Inc W... 11:06 AM
```



NewEra Software
Inspector Development Kit (IDK)



The Issue:

I would like to write my own Inspector but don't where to start.

Response:



NewEra Software
Inspector Development Kit (IDK)



The Issue:

I would like to write my own Inspector but don't where to start.

Response:

1. Repurpose the Custom Inspectors.
2. Package two preconfigured Application Templates.
3. Document Application Services.
4. Provide Technical Support to Inspector Developers.



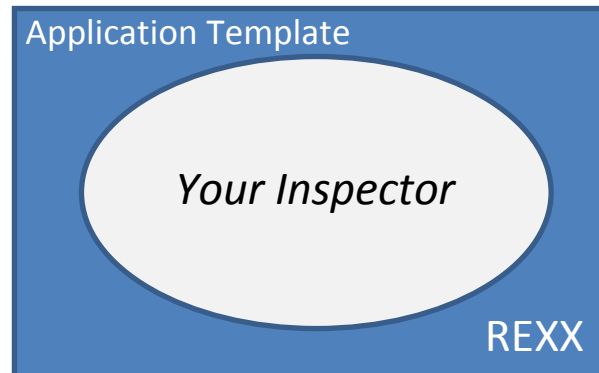
NewEra Software
Inspector Development Kit (IDK)



Your Inspector



NewEra Software
Inspector Development Kit (IDK)





NewEra Software
Inspector Development Kit (IDK)



Run As or With:

Auto Discovery:

Setup & Source:

Message Services:

Application Template

Your Inspector

REXX

Inspector Services:

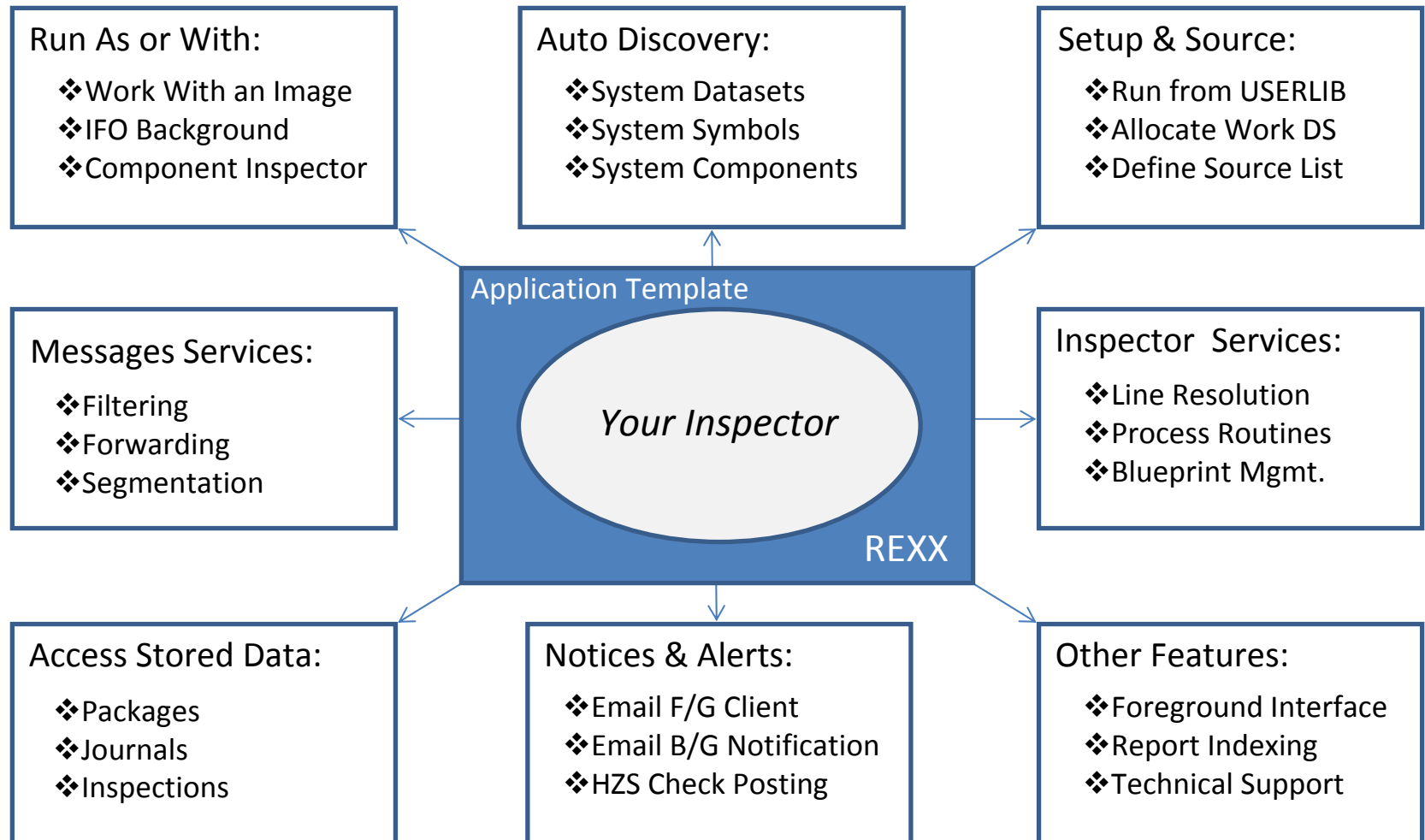
Access Stored Data:

Notices & Alerts:

Other Support:



NewEra Software
Inspector Development Kit (IDK)





NewEra Software

Fast DASD Erase for z/OS, ISPF interface



The Issue:

The Stand Alone Environment:

- ❖ Action Services
- ❖ FDR/DFDss Restore
- ❖ Fast DASD Erase
- ❖ IMAGE Services
- ❖ H/W Confirmation

Response:



NewEra Software

Fast DASD Erase for z/OS, ISPF interface



The Issue:

The Stand Alone Environment:

- ❖ Action Services
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- ❖ IMAGE Services
- ❖ H/W Confirmation

Stand Alone Environment may:

1. Limits Multi-Tasking at DR Site.
2. LPAR Availability a problem.

Response:



NewEra Software

Fast DASD Erase for z/OS, ISPF interface



The Issue:

The Stand Alone Environment:

- ❖ Action Services
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- ❖ H/W Confirmation

Stand Alone Environment may:

1. Limits Multi-Tasking at DR Site.
2. LPAR Availability a problem.

Response:

1. Port to native z/OS. —————> Complete
2. Execution as Batch Process now Available. —————> Cumbersome
3. Foreground Interface using Stand alone SAE as the Model. —————> Planning
4. Access via Image FOCUS or TSO/ISPF.



NewEra Software
Blueprinting the IODF



The Issue:

1. The reliability of Input Output Definition File (IODF) documentation and the systematic identification of changes to that documentation are critical z/OS Policy Considerations.
2. If managed adequately, IODF documentation maintenance and the reconciliation of reported IODF changes can help improve perceived and/or the actual integrity of a z/OS environment.

Response:



NewEra Software
Blueprinting the IODF



The Issue:

1. The reliability of Input Output Definition File (IODF) documentation and the systematic identification of changes to that documentation are critical z/OS Policy Considerations.
2. If managed adequately, IODF documentation maintenance and the reconciliation of reported IODF changes can help improve perceived and/or the actual integrity of a z/OS environment.

Response:

1. Move development into a z/OS environment where access to a “Real IODF” and related tools is readily available. —————> Underway
2. Enhance Image FOCUS Auto Discovery so that it can find and report on the specific location of a Named Image’s Input Output Definition File (IODF).
3. Enhance the Policy Inspector so that it can extract definitions from the IODF, blueprint them, detect changes in them and report/notify as directed.
4. Get Image FOCUS user assistance with CBDMGHCP.



NewEra Software

Blueprinting the IODF



The Issue:

I tried running the utility and the IODF that is being used for our system has no PROCESSOR defined.
This is acceptable to z/OS system running under z/VM.

I tried running it with the a processor name, with the name omitted, and with the name as an "*".

All three failed:

```
1z/OS 1.7 HCD                               Time: 22:46 Date: 2007-11-18 Page:  1
0SYS1.IODF00
-Seq Msgid  Message Text
0 E CBDA662I Processor PROC1 does not exist in the production IODF SYS1.IODF00
-Total Messages Terminating  Error  Warning Informational
      1              1
0Return Code was  8
1z/OS 1.7 HCD                               Time: 22:47 Date: 2007-11-18 Page:  1
0SYS1.IODF00
-Seq Msgid  Message Text
0 E CBDA131I Input required.
-Total Messages Terminating  Error  Warning Informational
      1              1
0Return Code was  8
1z/OS 1.7 HCD                               Time: 22:52 Date: 2007-11-18 Page:  1
0SYS1.IODF00
-Seq Msgid  Message Text
0 E CBDA141I First character must be alphabetic or a national character. * OCI
-Total Messages Terminating  Error  Warning Informational
      1              1
0Return Code was  8
```



NewEra Software
Our Power User Group Update



Agenda – 45 Minutes

1. ISPF support for The Control Editor, Edit Function
2. Support for the IBM Health Checker for z/OS
3. Supplemental Inspectors 3.0, The Check/Policy Inspector
4. The Inspector Development Kit (IDK), upgrading the Custom Inspectors
5. Fast DASD Erase for z/OS, ISPF access/control interface
6. IODF Blueprinting and Change Detection, Dallas development tools

Optional – 30 Minutes

1. Policy Inspector walk through and demonstration



NewEra Software

Our Power User Group Update



Products ✓		Training ✓		Download ✓		Support ✓		NewEra ✓	
SAE	IFO	SAE	IFO	SAE	IFO	SAE	IFO	Contact Us	About Us
				What's New					

SAE is The Stand Alone Recovery Environment.

IFO is The Image FOCUS Control Environment.



Customer Number

Hot Topics:

- [SAE - Need help? We'll be there for you](#)
- [IFO - Valuable in Disaster Recovery Test](#)
- [Redbook/Redpaper - About Image Focus](#)
- [Evaluators - Download Image FOCUS](#)
- [Evaluators - Download SAE & Fast DASD Erase](#)
- [Product Demonstrations and Web Training](#)

Your access point to the Standards and Best Practices needed to insure z/OS System Integrity.

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