SENSOR TOD

Date and time of the most recent sensor data collection before the evaluation.

SUM MSG

Content of the summary message.

LEVEL

Exception level of the message from Policy Services.

- WARNING
- CRITICAL
- SEVERE

NAME

Name of the action.

REORG

A reorganization is recommended.

EXTENDSDEP

An SDEP extension of a DEDB area is recommended.

EXTENDIOVF

An IOVF extension of a DEDB area is recommended.

MESSAGE

A rule exception message is issued.

CLASS

Exception class name.

For more information about an exception class name, see the *IBM Tools Base Policy Services for z/OS User's Guide*.

CODE PAGE

Translation code page for the message.

RULE

Policy rule or user set exception level.

For more information about a rule, see the IBM Tools Base Policy Services for z/OS User's Guide.

EXC MSG

The long version of the message.

For more information about an exception message, see the *IBM Tools Base Policy Services for z/OS User's Guide*.

Monitor List Registration utility (IAVBUTLO)

The Monitor List Registration utility is a batch utility that adds multiple databases to the monitor list.

IAVSYSIN DD is the input SYSIN DD for this utility. On the IAVSYSIN DD statement, you supply the names of the databases that you want to add to the monitor list together with monitoring attributes. When the utility is run, it adds all the databases found on the IAVSYSIN DD statement with specified monitoring attributes to the monitor list.

If one or more of the specified databases already exist in the monitor list, the utility updates the database entries and ends with return code 4 to alert that the entries were updated.

Tip: Use the Monitor List Registration utility to add or update multiple entries in the monitor list at once. If you want to add or update a single entry, you can use the Autonomics Director client dialog. For more information, see "Adding or updating monitor list entries" on page 55.

Running the Monitor List Registration utility

The Monitor List Registration utility runs as a standard z/OS batch job. To add or update entries in the monitor list, code the Monitor List Registration utility JCL and run the job.

Before you begin

- 1. Ensure that both the Autonomics Director server and the IMS Tools Knowledge Base server are available. The utility uses these servers to update the monitor list that is stored in the Autonomics Director repository managed by IMS Tools Knowledge Base.
- 2. You must create skeleton JCL for use with DB Sensor. For more information about creating JCL for DB Sensor, see the *Tools Base for z/OS: Configuration Guide for IMS*.

Procedure

To add or update monitor list entries:

- 1. Copy IAVBMLA0 from SHKTSAMP as sample JCL.
- 2. Write the EXEC and the DD statements.

See "EXEC and DD statements for the Monitor List Registration utility" on page 118 for information about the format of the EXEC statement and the input and the output DD statements.

3. Specify GLOBAL, ATTRIBUTE, and DATABASE command keywords on the IAVSYSIN DD statement.

See <u>"Control statements for the Monitor List Registration utility" on page 119</u> for information about the keywords that can be specified for these commands.

Tip: The Monitor List Registration utility supports adding or updating up to 9,999 databases entries in one job. However, the actual number of entries that can be added or updated in one job may be less depending on the system resource availability. If you want to add or update a large number of database entries, consider running multiple Monitor List Registration utility jobs.

4. Submit the job.

Ensure that the job completes with a return code of 0 or 4. Return code 4 indicates that either the job completed with a warning condition or one or more existing entries were updated. You can review detailed registration result in the Monitor List Registration report.

If the utility ends with one of other return codes, review the Journal Messages report and identify the cause of the error.

Example JCL for the Monitor List Registration utility

To run the Monitor List Registration utility, run the job step that is similar to that shown in the following figure.

```
//S01 EXEC PGM=IAVBUTL0,PARM='FUNC=ADD_MONITORLIST'
//STEPLIB DD DISP=SHR,DSN=ITB.SHKTLOAD
//IAVBJRNL DD SYSOUT=*
//IAVBRPRT DD SYSOUT=*
//IAVSYSIN DD *
GLOBAL(
ITKBSRVR(FPQSRV01)
ADXCFGRP (IAVADM00)
RECONID(IMSARECN)
ATTRIBUTE(
OWNER(ITBUSR)
PRIORITY(5)
AUTOEVAL (Y)
EVALCNT(010)
EVALINT(001:000:00)
SENSOR_ÀGE(001:000:00)
SENSOR_JCLDSN(IMSTOOLS.ITB16.JCLLIB)
DBSENSOR_FFDB(SNSRFF)
DBSENSOR_HALDB(SNSRHL)
DBSENSOR_DEDB(SNSRFP)
REORG POLICY(DBTYPE(FFDB) POLICYBY(DBTYPE))
REORG_POLICY(DBTYPE(HALDB) POLICYBY(DBDNAME))
REORG_POLICY(DBTYPE(DEDB) POLICYBY(NAME) POLICYNAME(SYS.DBDTYPE.DEDB))
RECOVERY_POLICY(DBTYPE(ALL) POLICYBY(DEFAULT))
DATABASE(DBD(CAGDA01))
DATABASE(DBD(Z9Y9A02))
/*
```

Figure 16. JCL for the Monitor List Registration utility

EXEC and DD statements for the Monitor List Registration utility

You must specify an EXEC statement and DD statements that define the input and output data sets in your JCL.

EXEC statement

The EXEC statement must be in the following format:

```
EXEC PGM=IAVBUTL0, PARM='FUNC=ADD_MONITORLIST'
```

DD statements

Specify DD statements as follows:

STEPLIB DD

Required DD statement. It specifies the IMS Tools Base product library (SHKTLOAD data set). The library must be APF-authorized.

IAVSYSIN DD

Required DD statement. It specifies the input control statements that control the Monitor List Registration utility.

IAVBJRNL DD

Optional DD statement. It specifies the processing log output data set, which stores processing messages that are issued by the Monitor List Registration utility.

If you do not specify this DD statement, the Monitor List Registration utility dynamically allocates the data set by using SYSOUT=*.

IAVBRPRT DD

Optional DD statement. It specifies the report output data set, which stores the Monitor List Registration report.

If you do not specify this DD statement, the Monitor List Registration utility dynamically allocates the data set by using SYSOUT=*.

Control statements for the Monitor List Registration utility

A control statement for the Monitor List Registration utility contains information needed to access IMS Tools Base servers, a list of databases to add or update, and database monitoring attributes to apply to new and updated monitor list entries.

The control statement must be specified in the IAVSYSIN data set. This control statement data set generally resides in the input stream. However, it can also be defined as a sequential data set or as a member of a partitioned data set. It must contain 80-byte, fixed-length records. The block size, if coded, must be a multiple of 80.

The control statement must be coded in columns 1 - 72. Columns 73 - 80 are regarded as comments and ignored.

GLOBAL command

The **GLOBAL** command specifies the information needed to access IMS Tools Base servers.

The following syntax diagram shows the syntax for the **GLOBAL** command:

```
► GLOBAL( — ADXCFGRP( AD_XCF_group_name ) — ITKBSRVR( IMS_Tools_KB_server_name ) →
```

► RECONID(*RECON_id*)) →

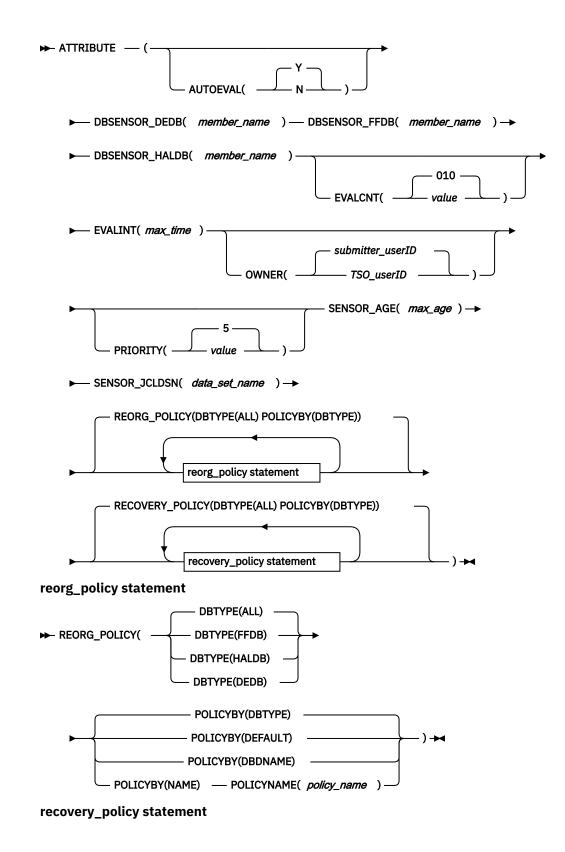
The following table summarizes the keywords for the **GLOBAL** command.

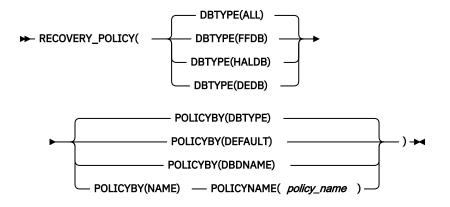
Table 6. GLOBAL command keywords						
Keyword	Required or optional?	Default	Description			
ADXCFGRP	Required	n/a	Specify the name of the Autonomics Director server XCF group.			
ITKBSRVR	Required	n/a	Specify the name of the IMS Tools KB server XCF group.			
RECONID	Required	n/a	Specify the RECON ID that identifies the IMS Tools KB RECON environment.			

ATTRIBUTE command

The **ATTRIBUTE** command specifies monitoring attributes. There can be only one **ATTRIBUTE** command. The monitoring attributes supplied with the **ATTRIBUTE** command are applied to all the database entries that are added or updated in the job.

The following syntax diagram shows the syntax for the **ATTRIBUTE** command:





The following table summarizes the keywords for the **ATTRIBUTE** command.

Table 7. ATTRIBUTE command keywords				
Keyword	Required or optional?	Default	Description	
AUTOEVAL	Optional	Y	Specify whether to evaluate the database, partition, or area after each sensor data collection run for the selected database, partition, or area. Valid values are Y (evaluate) and N (do not evaluate).	
DBSENSOR_DEDB	Optional	n/a	At least one DBSENSOR_xxxx keyword must be specified. If you are adding or updating one or more DEDB area entries, you must specify the DBSENSOR_DEDB keyword.	
			Specify the partitioned data set member that contains the JCL for Fast Path DEDB that is used to run the sensor data collector.	
			During evaluation run scheduling, a domain- specific suffix may be added to the member name. Therefore, the member name must not exceed seven characters. For REORG sensor collection, the member name is used as specified. For RECOVERY sensor collection, a 'Y' is appended to the specified member name.	
DBSENSOR_FFDB	Optional	n/a	At least one DBSENSOR_xxxx keyword must be specified. If you are adding or updating one or more full-function database entries, you must specify the DBSENSOR_FFDB keyword.	
			Specify the partition data set member that contains the JCL for full-function database that is used to run the sensor data collector.	
			During evaluation run scheduling, a domain- specific suffix may be added to the member name. Therefore, the member name must not exceed seven characters. For REORG sensor collection, the member name is used as specified. For RECOVERY sensor collection, a 'Y' is appended to the specified member name.	

Keyword	Required or optional?	Default	Description
DBSENSOR_HALDB	Optional	n/a	At least one DBSENSOR_xxxx keyword must be specified. If you are adding or updating one or more HALDB partition entries, you must specify the DBSENSOR_HALDB keyword.
			Specify the partitioned data set member that contains the JCL for HALDB database that is used to run the sensor data collector.
			During evaluation run scheduling, a domain- specific suffix may be added to the member name. Therefore, the member name must not exceed seven characters. For REORG sensor collection, the member name is used as specified. For RECOVERY sensor collection, a 'Y' is appended to the specified member name.
EVALCNT	Optional	10	Specify the number of evaluations that are saved for the database, partition, or area. This value is in the range of 1 - 255.
EVALINT	Required	n/a	Specify the maximum amount of time that can elapse before a policy evaluation is scheduled for the selected database, partition, or area. This value is expressed in days, hours, and minutes in <i>days:hrs:mins</i> format. For example, 031:001:30 indicates 31 days, 1 hour, and 30 minutes can elapse before the next evaluation.
OWNER	Optional	User ID of the utility job submitter	Specify the TSO user ID of the owner. Automated jobs of Autonomics Director are submitted by using this user ID. This user ID must have proper RACF authority.
PRIORITY	Optional	5	Specify the priority level that is used when the database, partition, or area is selected for evaluation. This value is in the range of 1 - 9. A value of 1 indicates the highest priority, which means that this database, partition, or area is evaluated first.
SENSOR_AGE	Required	n/a	Specify the maximum age of sensor data for the database, partition, or area. This value is expressed in days, hours, and minutes in <i>days:hrs:mins</i> format. For example, 031:001:30 indicates 31 days, 1 hour, and 30 minutes is the maximum age of sensor data. If the sensor data is older than the specified age, a sensor run is scheduled prior to an evaluation run.
SENSOR_JCLDSN	Required	n/a	Specify the cataloged partitioned data set name that contains the JCL that is used to run the sensor data collector.

The following tables summarize the keywords for the REORG_POLICY statement and the RECOVERY_POLICY statement of the **ATTRIBUTE** command. Up to three REORG_POLICY statements and RECOVERY_POLICY statements can be specified, respectively.

Use REORG_POLICY statement for the REORG domain, and RECOVERY_POLICY statement for the RECOVERY domain.

Keyword	Required or optional?	Default	Description
DBTYPE	Optional	ALL	Specify the type of database to which this REORG_POLICY statement applies.
			ALL The POLICYBY and POLICYNAME keywords specified in this REORG_POLICY statement apply to all databases regardless of their database type. If you specify DBTYPE(ALL), there must be no other REORG_POLICY statement.
			FFDB The POLICYBY and POLICYNAME keywords specified in this REORG_POLICY statement apply only to full-function databases.
			HALDB The POLICYBY and POLICYNAME keywords specified in this REORG_POLICY statement apply only to HALDB partitions.
			DEDB The POLICYBY and POLICYNAME keywords specified in this REORG_POLICY statement apply only to Fast Path DEDB areas.
POLICYBY	Optional	DBTYPE	Specify how Policy Services determines the name of the policy for database evaluation.
			DEFAULT The policy name is determined in the same manner as DBTYPE (using the database organization form).
			DBTYPE The policy name is determined by using the database organization form.
			DBDNAME The policy name is determined by using the policy name that is associated with the database.
			NAME The policy name is determined by using the policy name that is specified on the subsequen POLICYNAME keyword.
POLICYNAME	Optional	n/a	Specify the policy name for database evaluation. This keyword is required when POLICYBY(NAME) i specified. The POLICYNAME keyword is effective only when POLICYBY(NAME) is specified.

		-	ATTRIBUTE command keywords) Description
DBTYPE	Optional	ALL	Specify the type of database to which this RECOVERY_POLICY statement applies.
			ALL The POLICYBY and POLICYNAME keywords specified in this RECOVERY_POLICY statement apply to all databases regardless of their database type. If you specify DBTYPE(ALL), there must be no other RECOVERY_POLICY statement.
			FFDB The POLICYBY and POLICYNAME keywords specified in this RECOVERY_POLICY statement apply only to full-function databases.
			HALDB The POLICYBY and POLICYNAME keywords specified in this RECOVERY_POLICY statement apply only to HALDB partitions.
			DEDB The POLICYBY and POLICYNAME keywords specified in this RECOVERY_POLICY statement apply only to Fast Path DEDB areas.
POLICYBY	Optional	DEFAULT	Specify how Policy Services determines the name of the policy for database evaluation.
			DEFAULT The default policy is used.
			DBTYPE The policy name is determined by using the database organization form.
			DBDNAME The policy name is determined by using the policy name that is associated with the database.
			NAME The policy name is determined by using the policy name that is specified on the subsequen POLICYNAME keyword.
POLICYNAME	Optional	n/a	Specify the policy name for database evaluation. This keyword is required when POLICYBY(NAME) is specified. The POLICYNAME keyword is effective only when POLICYBY(NAME) is specified.

DATABASE command

The **DATABASE** command specifies the name of the database that you want to add to the monitor list or update in the monitor list. There can be up to 9,999 **DATABASE** commands.

The following syntax diagram shows the syntax for the **DATABASE** command:

► DATABASE(— DBD(*database_name*) —) →

The Monitor List Registration utility supports adding or updating up to 9,999 databases entries in one job. However, the actual number of entries that can be added or updated in one job may be less depending on the system resource availability. If you want to add or update a large number of database entries, consider running multiple Monitor List Registration utility jobs.

Table 10. DATABASE command keywords					
Keyword	Required or optional?	Default	Description		
DBD	Required	n/a	Specify the name of the database that you want to add to or update in the monitor list.		
			Wildcard characters are not supported.		

Output from the Monitor List Registration utility

The Monitor List Registration utility generates a Journal Messages report, a Process Summary report, and a Monitor List Registration report.

Journal Messages report

The Journal Messages report contains processing messages about the Monitor List Registration utility. This report is generated in the IAVBJRNL data set.

Tools Base Autonomics Director - V1R6 5655-V93	Journal Messages	MONITOR LIST REGISTRATION UTIL. Date: 2020-09-24 Time: 20:00:00
2020-09-24 20:00:023 IAV80011 THE MONITOR LIST 2020-09-24 20:00:024 IAV80391 CONNECTED TO THE 2020-09-24 20:00:066 IAV8042W PARTITION HAL1HIC 2020-09-24 20:00:418 IAV8043E DBD DEDBJN20 DOES 2020-09-24 20:00:429 IAV8044E DATABASE ORGANIZA 2020-09-24 20:01:405 IAV8041W DBD AUTODB HAS	AD SERVER. NAME=IAVSRV01. OF DBD HAL1H1 , WHICH EXISTS IN THE MONITOR LIST, NOT EXIST.	IS NOT FOUND IN THE DBD.
2020-09-24 20:01:273 IAV8040I DBD DEDBJN23 HAS 2020-09-24 20:01:298 IAV8041W DBD HAL1H1 HAS 2020-09-24 20:01:470 IAV8041W DBD DEDBJN24 HAS	BEEN ADDED TO THE MONITOR LIST. BEEN UPDATED IN THE MONITOR LIST.	

Figure 17. Journal Messages report

Process Summary report

The Process Summary report contains the summary of registration processing by the Monitor List Registration utility. This report is generated in the IAVBRPRT data set.

Tools Base Autonomics Director - V1R6 5655-V93	Process Summary Report	Date: 2020-09-24	Page: 1 Time: 20:00:00
GLOBAL statement:			
ITKBSRVR FPQSRV01 ADXCFGRP IAVADM00 RECONID IMSARECN			
Summary of monitor list registration:			
Number of entries added Full-function databasesnn,nn,r HALDB partitionsnn,nn,r Fast Path DEDB areasnn,nn,r	าทก		
Total nn,nnn,r	חחר		
Number of entries updated Full-function databasesnnnn, HALDB partitionsnn,nr, Fast Path DEDB areasnn,nn,r	าทท		
Total nn,nnn,r	ากก		
Number of resources failed nn,nnn,r	ากก		
Completion code	nn		

Figure 18. Process Summary report

Monitor List Registration report

The Monitor List Registration report contains the attributes that were applied to the new and updated database entries, and the names of the databases that were added, updated, and failed. This report is generated in the IAVBRPRT data set..

Added or updated Added or updated CAGDC03 CAGDC Cools Base Autono 655-V93 Attributes for HA WNER WITOEVAL VALCNT VALINT ENSOR_JCLDSN BSENSOR_AGE ENSOR_JCLDSN BSENSOR_JCLVBY KEORG POLICYBY KEORG POLICYBY KEORG POLICYBY KEOVERY_POLICYBY KEOVERY_POLICYBY KEOVERY_POLICYBA Note: An asterisk DBD name Add ALLH1 + HAL HAL2H1 H21	Eull-function : ITBUSF : S : Y : 010 : 001:06 : MSTOC : SNSRF : DEFAUL IMSTOC : SNSRF : DEFAUL IMSTOC : SNSRF : DEFAUL IALDB partiti : ITBUSF : S : Y : 010 : 001:06 : 001:06 : SNSRF : DEDNAN : SNSF : DEDNAN : DENN : DENN	on database: ISR 000:00 000:00 0015.ITB16.JCLLIE FF ULT cates that the er SS DA01 *CAGDA02 DA01 *CAGDA02 DA01 *CAGDA02 CAGDF01 *Ctor - V1R6 tions: ISR 000:00 0015.ITB16.JCLLIE HL IAME cates that the er lated partitions I210002 H210003 I210012 H210013 ector - V1R6	IB entry was upd CAGDA03 CAGDF02 Monit IB IB entry was upd 	CAGDB01 CAGDF03 or List Regi ated. Resour 	ces without CAGDB02 stration Re ces without H210006 H210016	an asterisk CAGDB03 port an asterisk H210007 H210017	CAGDB04	that the en CAGDB05 Date: 2020	-09-24 Ti tries were CAGDC01 -09-24 Ti	CAGDC02
WNER WITCH WIT	: ITBUSK : S : Y : 010 : 001:00 : 001:00 : IMSTO : SNSRFF : DBTAUL IAME : : SNSRFF : DBTAUL IAME : : SNSRFF : DBTAUL IAME : : INSTO : O10 : 001:00 : IMSTO : SNSRFH : DBDNAN : ITBUSK : SNSRFH : DBDNAN : DBDNAN : DBDNAN : DBDNAN : DBDNAN : DBDNAN : DBDNAN : DBDNAN : DBDNAN :	ISR 000:00 000:00 00LS.ITB16.JCLLIE FF VE ULT cates that the er S 000:00 000:00 000:00 000:00 000:00 000LS.ITB16.JCLLIE HL IAME cates that the er lated partitions IZ10002 H210003 IZ10012 H210003 IZ10012 H210013	entry was upd CAGDA03 CAGDF02 Monit IB EB entry was upd 	CAGDB01 CAGDF03 or List Regi ated. Resour H210005 H210015	CAGDB02 stration Re	CAGDB03 port an asterisk H210007 H210017	CAGDB04 < indicate t H210008	CAGDB05 Date: 2020 that the en 	CAGDC01 -09-24 Ti	CAGDC02
Added or updated Added or updated CAGDC03 CAGDC CAGDC03 CAGDC Cools Base Autono 6655-V93 Attributes for HA WNER WITOEVAL VALINT ENSOR_JCLDSN BSENSOR_HALDB ECOVENY_POLICYNAME ECOVERY_POLICYNAME ECOVERY_POLICYNAME ECOVERY_POLICYNAME ECOVERY_POLICYNAME ECOVERY_POLICYNAME ECOVERY_POLICYNAME ADDED name Add ADDED name Add ADDED NAME ADDED NAME ADDED NAME Fools Base Autono 655-V93 Attributes for Fa WNER WNER WNER WNER WNER WNER WNER WNER WNER WNER WNER WNER WNER WNER WITOEVAL EVALCNT EVALCNT ENSOR_AGE ENSOR_JCLDSN BSSENSOR_DEDB ECOREPOLICYBY	d databases JB2 *CAGDA CC04 CAGDO NOMICS Direct IALDB partiti : ITBUSF : F : 001:06 : 001:06 : 001:06 : MSTO(: SNSRH : DBDNAN : DBDNAN : SNSRH : DDDNAN : SNSR	S DA01 *CAGDA02 DC05 CAGDF01 ector - V1R6 tions: USR 000:00 000:00 0015.ITB16.JCLLIE HAL MME LAME LAME LAME LAME LAME LAME L210002 H210003 L210012 H210013 ector - V1R6	CAGDA03 CAGDF02 Monit EB entry was upd 	CAGDB01 CAGDF03 or List Regi ated. Resour H210005 H210015	CAGDB02 stration Re	CAGDB03 port an asterisk H210007 H210017	CAGDB04 < indicate t H210008	CAGDB05 Date: 2020 that the en 	CAGDC01 -09-24 Ti	CAGDC02
AUTODB EMPDB CAGDC03 CAGDC ools Base Autono 655-V93 ttributes for HA WNER RIORITY UTOEVAL VALCNT VALINT ENSOR_AGE ENSOR_JCLDSN BSENSOR_HALDB EORG_POLICYBY EORG_POLICYBY ECOVERY_POLICYBY ECOVERY_POLICYBY ECOVERY_POLICYNA ote: An asterisk BD name Add COVERY_POLICYNA ote: An asterisk BD name Add AL1H1 +HAL AL2H1 H21 H21 001S Base Autono 655-V93 ttributes for Fa WNER RIORITY UTOEVAL VALCNT VALCN	ACAGDA ACAGDA	DDA01 *CAGDA02 DDA01 CAGDA02 DC05 CAGDF01 cctor - V1R6 tions: USR 000:00 0015.ITB16.JCLLIE HL MAME cates that the er lated partitions MAL1H1B 1210002 H210003 1210012 H210013	CAGDA03 CAGDF02 Monit B EB Entry was upd CAGDF02 Monit B EB ENTRY Was upd CAGDF02 Monit CAGDF02 Monit	CAGDB01 CAGDF03 or List Regi ated. Resour H210005 H210015	CAGDB02 stration Re cces without H210006 H210016	port an asterisk H210007 H210017	<pre>k indicate t H210008</pre>	Date: 2020 that the en 	-09-24 Ti	Page: 3 ime: 20:00:00
CAGDC03 CAGDC Cools Base Autono 655-V93 ttributes for HA WNER RIORITY UJOEVAL VALINT ENSOR_JCLDSN BSENSOR_HALDB ECORG POLICYNAW ECOVERY_POLICYBY	XCO4 CAGDO homics Direct ALDB partiti : ITBUSF : 010 : 001:06 : 001:06 : 013:06 : DBDNAN : DBDNAN : DBDNAN : : </td <td>DC05 CAGDF01 Ctor - V1R6 tions: ISR 000:00 0005.00 0005.ITB16.JCLLIE HL IAME Cates that the er lated partitions IAL1H1B 1210002 H210003 1210012 H210013 Ctor - V1R6</td> <td>CAGDF02 Monit IB entry was upd </td> <td>CAGDF03 or List Regi ated. Resour H210005 H210015</td> <td>cces without H210006 H210016</td> <td>port an asterisk H210007 H210017</td> <td><pre>k indicate t H210008</pre></td> <td>Date: 2020 that the en </td> <td>-09-24 Ti</td> <td>Page: 3 ime: 20:00:00</td>	DC05 CAGDF01 Ctor - V1R6 tions: ISR 000:00 0005.00 0005.ITB16.JCLLIE HL IAME Cates that the er lated partitions IAL1H1B 1210002 H210003 1210012 H210013 Ctor - V1R6	CAGDF02 Monit IB entry was upd 	CAGDF03 or List Regi ated. Resour H210005 H210015	cces without H210006 H210016	port an asterisk H210007 H210017	<pre>k indicate t H210008</pre>	Date: 2020 that the en 	-09-24 Ti	Page: 3 ime: 20:00:00
5655-V93 Attributes for HA WNER RIORITY AUTOEVAL EVALCNT EVALCNT EVALCNT EVALCNT EVALCNT EVALCNT EVALCNT EVACOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERY_POLICVBY ECOVERS E	HALDB partiti : ITBUSF : 5 : 0010 : 00106 : 00106 : IMSTOC : SNSRH : DBDNAP : : : 0BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP : : 1BDNAP :	tions: ISR 000:00 00LS.ITB16.JCLLIE HL IAME cates that the er lated partitions IL1H1B 1210002 H210003 1210012 H210013 ector - V1R6	IB entry was upd 03 H210004 L3 H210014	ated. Resour H210005 H210015	ces without H210006 H210016	an asterisk H210007 H210017	H210008	that the en 	-09-24 Ti tries were	imē: 20:00:00 ∋ added.
WNER RICRITY UTOEVAL VALCNT VALINT ENSOR_JGE ENSOR_JCLDSN BSENSOR HALDB EORG_POLICYBY EEORG_POLICYNAME ECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_POLICYNA IECOVERY_ICH IENSOR_JCLDSN IENSOR_JCLDSN IESORS_POLICYNA IEORGEPOLICYNA IEORGPOLICYNA I	: ITBUSK : 5 : Y : 010 : 001:06 : 001:06 : IMSTOC : SNSRHL : DBDNAH : DBDNAH : DBDNAH : DBDNAH : SK (*) indica ided or updat LLIH1A *HAL 10001 H21	ISR 000:00 000LS.ITB16.JCLLIE HHL IAME cates that the er lated partitions IZ10002 H210003 IZ10012 H210013	entry was upd 	H210005 H210015	H210006 H210016	H210007 H210017	H210008	H210009		
DBD name Add ALLH1 +HAL HAL2H1 H21 Fools Base Autono 6555-V93 Attributes for Fa WMER "RIORITY UTOEVAL EVALCNT EVALINT SENSOR_AGE SENSOR_JCLDSN DBSENSOR_DEDB REORG_POLICVBY	lded or updat L1H1A +HAL 210001 H21 210011 H21	Alted partitions (AL1H1B	03 H210004 L3 H210014	H210005 H210015	H210006 H210016	H210007 H210017	H210008	H210009		
AL1H1 +HAL AL2H1 H21 Cools Base Autono 655-V93 ttributes for Fa WNER RIORITY UTOEVAL VALINT ENSOR_AGE ENSOR_JCLDSN BSENSOR_JEDB EGRG_POLICVBY	AL1H1A *HAL 210001 H21 210011 H21	HAL1H1B 1210002 H210003 1210012 H210013 2ctor - V1R6	03 H210004 L3 H210014	H210005 H210015	H210006 H210016	H210007 H210017	H210008	H210009		
AL1H1 *HAL AL2H1 H21 H21 H21 H21 H21 H21 H21 H21 H21 H21	NL1H1A *HAL 210001 H21 210011 H21	HAL1H1B 1210002 H210003 1210012 H210013 ector - V1R6	03 H210004 L3 H210014	H210005 H210015	H210006 H210016	H210007 H210017	H210008	H210009		
655-V93 ttributes for Fa WNER RIORITY UTOEVAL VALCNT VALINT ENSOR_AGE ENSOR_JCLDSN BSENSOR_DEDB EORG_POLICYBY	nomics Direct		Monit	or List Regi	stration Re	port				
WHER PRIORITY VUTOEVAL EVALCNT EVALINT SENSOR_AGE SENSOR_JCLDSN DBSENSOR_DEDB REORG_POLICYBY		EDB areas:						Date: 2020		Page: 4 ime: 20:00:00
RECOVERY_POLICYBY RECOVERY_POLICYNA	: ITBUSF 5 9 001:00 001:00 1MSTOC 5NSRFF 8 NAME 8 Y : NAME	SR 000:00 001:0:1TB16.JCLLIE FP DBDTYPE.DEDB	IB							
lote: An asterisk	sk (*) indica	cates that the er	entry was upd	ated. Resour	ces without	an asterisk	k indicate t	that the en [.]	tries were	e added.
	lded or updat	lated areas								
EDBJN22 D22 EDBJN23 *D23 *D23 *D23 *D23 *D23 *D23 *D23 *D23	22AR11 D22 2300000 *D23 2300010 *D23 2300020 *D23 2300030 *D23 2300040 *D23 2300050 *D23 2300060 *D23 2300060 *D23 2300070 *D23	222AR31 D22AR51 12300001 *D230001 12300011 *D230001 12300011 *D230002 12300031 *D230002 12300041 *D230002 12300051 *D230002 12300051 *D230002 12300051 *D230002 12300051 *D230005 12300051 *D230005 12300051 *D230005 12300051 *D230005 12300051 *D230005	>>>>>>>>>>>>>>>>>>>>>>>>>>>>	3 *D2300014 3 *D2300024 3 *D2300034 3 *D2300044 3 *D2300054 3 *D2300064 3 *D2300064 3 *D2300064	*D2300005 *D2300015 *D2300025 *D2300035 *D2300045 *D2300065 *D2300065 *D2300075	*D2300006 *D2300016 *D2300026 *D2300036 *D2300056 *D2300056 *D2300076 *D2300086	*D2300027 *D2300037 *D2300047 *D2300057 *D2300067	*D2300018 *D2300028 *D2300038 *D2300048 *D2300048 *D2300058 *D2300068 *D2300078	*D230001 *D230002 *D230003 *D230004 *D230005 *D230006 *D230006 *D230006	19 29 39 49 59 59 79 39

Figure 19. Monitor List Registration report

Tools Base Autonomic 5655-V93	s Director - V1R6	Monitor List Registration Report	Date: 2020-09-24	Page: 5 Time: 20:00:00
Resources ended with	warning status			
DBD name Area/Part	Message (See journal messa	ges for details)		
HAL1H1 HAL1H1C	IAV8042W Area/Partition in	the monitor list not found in the DBD		
Tools Base Autonomic 5655-V93	s Director - V1R6	Monitor List Registration Report	Date: 2020-09-24	Page: 6 Time: 20:00:00
Resources ended with	error status			
	error status See journal messages for det	ails)		

Figure 20. Monitor List Registration report (cont.)

Return codes: Monitor List Registration utility

This reference section provides detailed information about the return and reason codes reported by the Monitor List Registration utility.

Code	turn codes from the Monitor List Registration utility Description	User response		
0	Job successfully ended.	None.		
4	Job ended with a warning message.	Check the messages whose message numbers are suffixed by 'W'. The utility also ends with this return code when it updates existing database entries.		
8	Job ended with an error message.	Check the messages whose message numbers are suffixed by 'E'. Correct the error, and rerun the job.		
12	Job abnormally ended and recovered by ESTAE routine.	This might be an internal system error. Contact IBM Software Support.		
16	Job failed to initialize the BPE environment.	Correct any errors, and rerun the job. If this situation persists, contact IBM Software Support.		