

Document ID: TEC563847

Last Modified Date: 2/10/2012

Title: 2012 Leap Year Compliance

Summary: 2012 Leap Year Compliance

Description:

Are the CA Systems Management for OpenVMS products Leap Year Compliant?

Solution:

Yes, with the following specific exception for CA Job Management for OpenVMS:

CA Job Management for OpenVMS does not calculate correctly the next scheduled run time for jobs using a fiscal scheduling interval when the fiscal base date is in a (calendar) leap year. For example, using a base date of 26-DEC-2012 produces incorrect next scheduled run time values using a fiscal date expression.

Document ID: TEC476722

Last Modified Date: 12/12/2008

Title: How to remove or retain auto_rem logs.

Summary: How to remove or retain auto_rem logs.

Description:

What can be done to either automatically remove or retain auto_rem logs?

Solution:

If the CleanTmpFiles parameter is set to 0 (off), these files remain on each computer until the clean_files command is run. Once clean_files is run the logs will be removed.

If the CleanTmpFiles parameter is set to 1 (on) in the configuration file or within the AutoAys Administrator on window, an agent will automatically remove its /tmp/auto_rem* file when its tasks complete successfully.

The files will be retained so that they may be reviewed and the information contained be evaluated for troubleshooting purposes.

Document ID: TEC496283

Last Modified Date: 9/4/2009

Title: Jobs are set to TERMINATED status in AutoSys while in SAP jobs have completed successfully.

Summary: Jobs are set to TERMINATED status in AutoSys while in SAP jobs have completed successfully.

Description

Jobs are set to TERMINATED status in AutoSys while in SAP jobs have completed successfully. In the EP log we get the errors:

**EVENT: CHANGE_STATUS STATUS: RUNNING JOB:
DIA_O_160_045_BC_RHAUTU_F21_330 EVENT: CHANGE_STATUS STATUS:
TERMINATED JOB: DIA_O_160_045_BC_RHAUTU_F21_330 EVENT: ALARM
ALARM: JOBFAILURE JOB: DIA_O_160_045_BC_RHAUTU_F21_330**

Solution

Jobs will be set to TERMINATED if the operator "closes the window" in which SAP jobs are launched or logoff from the session.

One way to prevent this from happening would be to run the 'sapjob' command in the background with the ampersand character.

example:

command: &sapjob ?.

Document ID: TEC429023
Last Modified Date: 7/15/2007

Title: How to determine the Oracle SID when configuring the AutoSys Web Interface

Summary: How to determine the Oracle SID when configuring the AutoSys Web Interface

ANSWER:

On UNIX, the Oracle SID can be found in the "oratab" file created by Oracle in the /etc or /var/opt/oracle directory when installing the database software.

On Windows, ORACLE_SID can be found in the following registry key:
HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\<HOMEID>

For instance, when running Oracle 10G2, ORACLE_SID can be found in:

HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraDb10g_home2

This Oracle SID can also be identified by looking at the end of the OracleService service in Windows (services.msc).

At the MS-DOS prompt, type 'services.msc' to access the Windows services.

Other Relevant Information:

Sample:

```
# This file is used by ORACLE utilities.  It is created by root.sh
# and updated by the Database Configuration Assistant when creating
# a database.
# A colon, ':', is used as the field terminator.  A new line terminates
# the entry.  Lines beginning with a pound sign, '#', are comments.
#
# Entries are of the form:
#   $ORACLE_SID:$ORACLE_HOME:<n|y>:
#
# The first and second fields are the system identifier and home
# directory of the database respectively.  The third field indicates
# to the dbstart utility that the database should , "Y", or should not,
# "N", be brought up at system boot time.
#
# Multiple entries with the same $ORACLE_SID are not allowed.
#
#
orcl:/products/oracle/oracle/product/10.2.0/db_1:N
```

Document ID: TEC446278

Last Modified Date: 2/17/2008

Title: Format of job_runs table archive files

Summary: Format of job_runs table archive files

Description:

The DBMaint function of Autosys runs the archive_events binary. The archive_events binary can be configured, using the -A flag, to archive the information to a flat file. When looking at the archived information from the job_runs table in the created flat file the data is in a certain order based on the rows of the table.

Solution:

The archived information from the job_runs table is written to the archived flat file in the following order.

joid
run_num
ntry
starttime
endtime
status
exit_code
runtime
evt_num
machine

Document ID: TEC462156

Last Modified Date: 4/27/2008

Title: eIAM installation terminates with message about GIMP Tool Kit

Summary: eIAM installation terminates with message about GIMP Tool Kit

Description:

When installing eIAM without installing Event management from AutoSys r11 setup, the installation terminates with the following message:

GIMP tool Kit, a library for creating graphical user interfaces for the X Window System) which consists of libgtk, libgdk, libgmodule, libglib, and
│
│ libgthread could not be located. These libraries are required for applications using Mozilla e.g. Management Command Center.
│
│

│ GTK toolkit could be downloaded from <http://www.gtk.org/>

│
│ *For Linux: gtk+ or gtk RPM packages must be installed.

│
│ *For Solaris, HP-UX, and AIX: Once the GTK tool kit is downloaded and the libraries are built, these libraries must be placed in system dynamic
│
│ library search path e.g. LD_LIBRARY_PATH (Solaris), SHLIB_PATH (HP-UX), LIBPATH (AIX).
│
│

│
│ 10:28:35 !! Script executed with error: 39

│
│ Script or command "as_postinterview.sh" failed with exit code 39.

│
│ Reason: The script or command encountered a problem.

│
│ Action: Find further details in the installation log file

Solution:

GIMP Tool Kit (GTK) is only a requirement for the MCC (Management Command Center) in Event Management as per the AutoSys r11 readme.

The prerequisites for eIAM are CCS r11 (CA Common Services) and Ingres. However, when CCS r11 is installed it performs a prerequisite check for GTK upfront and terminates if GTK is not installed.

If Event Management is NOT selected to be installed, the GTK prerequisite check can be skipped by setting the following variable before running the install:

```
CA_SKIP_GTK=YES  
export CA_SKIP_GTK
```

```
****
```

Document ID: TEC477910

Last Modified Date: 12/24/2008

Title: Port Usage - AutoSys Agent / PeopleSoft Adapter machine to PeopleSoft Database Server

Summary: Port Usage - AutoSys Agent / PeopleSoft Adapter machine to PeopleSoft Database Server

Description:

What is the port usage between the AutoSys Agent / PeopleSoft Adapter machine to PeopleSoft Database Server

Solution:

The port usage is as follows:

ODBC connectivity/native database connectivity from machine with AutoSys Agent and PeopleSoft Adapter to PeopleSoft database (Oracle) Configured database listener port (default Oracle = 1521). This will be whatever port you have the Oracle listener running on.

Document ID: TEC446276

Last Modified Date: 2/17/2008

Title: Format of audit_info and audit_msg table archive files

Summary: Format of audit_info and audit_msg table archive files

Description:

The DBMaint function of Autosys runs the archive_events binary. The archive_events binary can be configured, using the ?A flag, to archive the information to a flat file. When looking at the archived information from the audit_info and audit_msg tables in the created flat file the data is in a certain order based on the rows of the tables.

Solution:

The archived information from the audit_info and audit_msg tables is written to the archived flat file in the following order.

(fields are from audit_info & audit_msg tables where
audit_info.audit_info_num=audit_msg.audit_info_num)

audit_info.audit_info_num
audit_msg.seq_no
audit_info.entity
audit_info.time
audit_info.type
audit_msg.attribute
audit_msg.value
audit_msg.value2
audit_msg.is_edit

Document ID: FAQ277005

Last Modified Date: 6/7/2003

Title: We want to use exit codes from chk_auto_up in our scripts. What are the exits codes for chk_auto_up for autosys?

Summary: We want to use exit codes from chk_auto_up in our scripts. What are the exits codes for chk_auto_up for autosys?

RETURNS:

99 - CAN'T initialize
dbflags:
0 - Evt DB not available. For Single server that means none.

FOR dual server it means both are not!

1 - Evt Server UP

2 - Evt Servers UP.
edflags
0 No Event Processors UP

1 - 1 EP UP

2 - 2 EP's UP

5 - No EP's up, but there was a noconnect to a machine on the EDMachines list

6 - No EP's up and there was no EDMachines List !

7 - (multi EP) Not all of the EPs that were started are still running.

$\text{exit_code} = \text{dbflag} + 10 * \text{edflags}$

For example, exit code 71 means that Not all of the EPs that were started are running and 1 event server is running.

Document ID: TEC496203

Last Modified Date: 9/2/2009

Title: Need to rebuild eTrust Access Control database indexes.

Summary: Need to rebuild eTrust Access Control database indexes.

Description:

When Autosys security is controlled by eTrust Access Control, gets AutoSys/eTrust subscriber authentication error:SEOSD is not responding File open error in index system\$. The solution is to rebuild eAC database indexes/.

Solution:

Please login as "root" superuser and apply the following solution for Unix and Linux Operating Systems:

A. Check if Access Control is running:

Run: 'issec'

B. Stop Access Control:

Run: 'secons -s'

C. For your Access Control database (seosdb), you need to be inside the 'seosdb' directory:

Run: 'cd /opt/CA/eTrustAccessControl/seosdb' --> this is the default location

D. Build indexes of a DBIO based on data records:

Run: 'dbmgr -u -build all'

E. Restart Access Control:

Run: 'seload'

Document ID: TEC446283
Last Modified Date: 2/17/2008

Title: What is the mechanism for passing messages from an Autosys environment to a NSM environment?

Summary: What is the mechanism for passing messages from an Autosys environment to a NSM environment?

Description:

1. What is the mechanism for passing messages from an Autosys environment to a NSM environment?
2. Are the messages that are passed to NSM configurable?

Solution:

1. The mechanism used is called "auto_wto".

auto_wto is an internal EP component forked by the EP itself. It is activated in the Autosys config.instance file.

auto_wto has no interface and is not exposed to the user. It is part of the implementation of the Unicenter Event Management integration. Basically it converts Autosys events into Unicenter events.

2. In \$AUTOUSER/config.\$AUTOSERV (AUTOSERV=instance_name), the integration parameters can be found which detail which events Autosys can forward through to the NSM console. For example:

```
# # # # # Integration Parameters # # # # #  
#  
# Enable Unicenter Event notification.  
#  
# 0  
# 1 = alarms  
# 2 = alarms and job completion  
# 3 = all events  
UnicenterEvents=3
```

Document ID: TEC268134
Last Modified Date: 12/4/2003

Title: How can I get job information for specific dates from my database?

Summary: How can I get job information for specific dates from my database?

1) You'll need to translate the dates you want into "unix time" (which is in seconds). To do that you'll use the "time0" utility that came with AutoSys (in \$AUTOSYS/bin). Like this:

```
# time0 -T "04/30/96 15:00"
```

```
Autotime(internal): 830898000
```

Three o'clock in the afternoon on Tuesday, April 30 is 830898000 seconds.

Then you'll need an end time as well:

```
# time0 -T "04/30/96 17:00"
```

```
Autotime(internal): 830905200
```

2) Now you can query the database for specific information:

```
select job_name, status, que_status_stamp from event  
where event_time_gmt > 830898000 and event_time_gmt < 830905200;
```

3) You'll also want to know the status codes. Here they are:

```
status.codes  
=====
```

1	RUNNING
3	STARTING
4	SUCCESS
5	FAILURE
6	TERMINATED
7	ON_ICE
8	INACTIVE
9	ACTIVATED
10	RESTART
11	ON_HOLD
12	QUE_WAIT

If you need the codes for other fields, check with AutoSys Tech Support.

Document ID: TEC476336
Last Modified Date: 12/7/2008

Title: CCI Tracing On Windows

Summary: CCI Tracing On Windows

Description:

If problems are encountered with CCI the following steps can be used to enable tracing which will provide additional troubleshooting information.

Solution:

1. Stop the Event Processor
 - a. From the Autosys Admin Gui stop the service

2. Stop CCI
 - a. From an Autosys Command Prompt run the "ccicntrl stop" command
 - b. Example:

```
C:\PROGRA~1\CA\UNICEN~1.ACE>ccicntrl stop
```

3. Set the following two variables from an Autosys Command Prompt
 - a.

```
C:\PROGRA~1\CA\UNICEN~1.ACE>set CA_CCITRACE=2
```
 - b.

```
C:\PROGRA~1\CA\UNICEN~1.ACE>set CA_CAIDEBUG=1
```

4. Set the following variable from an Autosys Command Prompt for circular unitrace
 - a.

```
C:\PROGRA~1\CA\UNICEN~1.ACE>set UNITRACE_CIRC_SIZE=1500000
```

5. Run the following command from an Autosys Command Prompt
 - a.

```
C:\PROGRA~1\CA\UNICEN~1.ACE> start unitrace
```


OR (if circular unitrace is set)

b. C:\PROGRA~1\CA\UNICEN~1.ACE> start unitrace -c

6. Start CCI

a. From an Autosys Command Prompt run the "ccicntrl start" command

b. Example:

C:\PROGRA~1\CA\UNICEN~1.ACE>ccicntrl start

7. Start the Event Processor

a. From the Autosys Admin Gui star the service

8. Reproduce the problem

9. Stop the Event Processor (See Step 1)

10.Run "ccinet debugoff

11.Stop CCI (See Step 2)

12.Copy/Move the "unitrac.001" file from its current directory to a backup directory and send a copy to CA support for research

13.Set the following two variables from an Autosys Command Prompt

a. C:\PROGRA~1\CA\UNICEN~1.ACE>set CA_CCITRACE=0

b. C:\PROGRA~1\CA\UNICEN~1.ACE>set CA_CAIDEBUG=0

14.Start CCI (See Step 6)

15.Start the Event Processor

Document ID: TEC446492
Last Modified Date: 2/22/2008

Title: The DBmaint procedure raises alarm 'The Database: xxx:autosys is 109.6% FULL! It needs to be cleared with: archive_event' despite the fact that the MSSQL 2000 database is set to 'autogrowth'.

Summary: The DBmaint procedure raises alarm 'The Database: xxx:autosys is 109.6% FULL! It needs to be cleared with: archive_event' despite the fact that the MSSQL 2000 database is set to 'autogrowth'.

Description:

DBMaint calculates how much space is allocated for extents not the number of bytes that are in use. The extents may be nearly empty, but DBMaint reports the whole extent as used space. Dbmaint.bat calls dbstatistics.exe which calls dbspace.exe.

Solution:

When a database is set to grow automatically, variable DBSPACE_ALARM_PERCENT can be used to eliminate these unnecessary alarms.

For example:

```
DBSPACE_ALARM_PERCENT=150
```

It can be tested from the MS-DOS prompt by issuing the following commands:

```
set DBSPACE_ALARM_PERCENT=150  
dbspace <dbservername> autosys
```

This variable can be implemented as a system variable in Windows. After setting the variable, restart Autosys.

Document ID: TEC476339

Last Modified Date: 12/7/2008

Title: CCI Tracing On Unix

Summary: CCI Tracing On Unix

Description:

If problems are encountered with CCI the following steps can be used to enable tracing which will provide additional troubleshooting information.

Solution:

1. Stop the Event Processor
 - a. Example:

```
sendevent -E STOP_DEMON
```

2. Verify that the Event Processor is stopped

3. Stop CCI
 - a. Login as the root user on the Event Processor machine where CCI is running
 - b. From the `$CAIGLBL000/cci/scripts` directory execute the `chshut` script
 - c. Example:

```
$ CAIGLBL0000/cci/scripts/cshut
```

4. Export an environmental variable called "CAI_CCI_DEBUG" and have it set to a value of "y".
 - a. Login as the root user on the Event Processor machine where CCI is running and run the export command
 - b. Example:

```
$ EXPORT CAI_CCI_DEBUG=y
```

5. Remove old CCI log files

a. The log files are located in \$CAIBLGL0000/cci/logs directory

b. Example:

```
$ rm $CAIGLBL0000/cci/logs/*
```

6. Start CCI

a. Login as the root user on the Event Processor machine where CCI is running

b. From the \$CAIGLBL0000/cci/scripts directory execute the rc script

c. Example:

```
$ CAIGLBL0000/cci/scripts/rc
```

7. Run the following command:

a. \$ccinet debugon

8. Start the Event Processor

a. Run the "eventor" command

9. Reproduce the problem

10. Stop the Event Processor (See Step 1)

11. Run the following command:

a. ccinet debugoff

12. Stop CCI (See Step 3)

13. Copy/Move the log files to a backup directory and send a copy to CA support for research.

14. Unset the environmental variable "CAI_CCI_DEBUG"

a. Login as the root user on the Event Processor machine where CCI is running and run the unset command

b. Example:

```
unset CAI_CCI_DEBUG
```

15. Start CCI (See Step 6)

16. Start the Event Processor (See Step 8)

Document ID: TEC424436

Last Modified Date: 5/13/2007

Title: We are experiencing a problem where future sendevents to put a JOB_ON_HOLD, JOB_OFF_HOLD, ON_ICE, OFF_ICE are not showing in the Unix GUI or from the command line (autorep) once the job runs after the Future event has been submitted.

Summary: We are experiencing a problem where future sendevents to put a JOB_ON_HOLD, JOB_OFF_HOLD, ON_ICE, OFF_ICE are not showing in the Unix GUI or from the command line (autorep) once the job runs after the Future event has been submitted.

Description

AutoSys 4.X

Platform: ANY

Database: ANY

We are experiencing a problem where future sendevents to put a JOB_ON_HOLD, JOB_OFF_HOLD, ON_ICE, OFF_ICE are not showing in the Unix GUI or from the command line (autorep) once the job runs after the Future event has been submitted. The event will initially show up but doesn't after the jobs runs. The events are still in the database and do seem to get processed at their specified time.

Solutions

The reason the events are no longer seen is because the "autorep -d -J <jobname>" takes into account the new/current run_num and displays the events associated with it. Not the prior run_num's events which the future JOB_ON_HOLD is/was created with.

Document ID: FAQ294634

Last Modified Date: 9/24/2003

Title: An autorep output shows a job has completed but no process times are shown in the report. If the job status is checked in the autosys database it is shown as in a starting state, why is there this discrepancy.

Summary: An autorep output shows a job has completed but no process times are shown in the report. If the job status is checked in the autosys database it is shown as in a starting state, why is there this discrepancy.

The autosys event processor queries the database based on it's own time. In effect it retrieves events whose time is equal to 'now' or older than now to process. When the query is done against the database, the event processor sends it's time to the database for the query to be based on. However when an event is placed in the database it is based on the database time, Autosys REQUIRES that the time/date on the event processor match that on the database (event server). If they are off by more than a few seconds, it can cause timing problems.

Document ID: TEC410867

Last Modified Date: 11/22/2006

Title: How do I configure Autosys to submit jobs to an Autosys Agent for AS400?

Summary: How do I configure Autosys to submit jobs to an Autosys Agent for AS400?

To create jobs on Autosys in order to submit to an AS400 agent follow the steps below:

1. A machine definition must be created to for the AS400 Agents sysid. This would also be equivalent to the cciname. The cciname is located in the ccirmttd.prf file located on the Event Processor machine.
Example of what the ccirmttd.prf file would contain:
REMOTE = AS400TST AS400TST 32786 startup

AS400TST would be the sysid/cciname. The second position after the equal sign is the sysid name. The first position after the equal sign is the DNS name. The AS/400 name will always be the "Current System Name" from the DSPNETA command on the AS/400 not the AS/400 name from DNS if

tt differs from the "Current System Name".

Note: The AS400 machine should be pinged from the Event Processor machine

Once you find out what the cciname is , you can now create the machine definition for the sysid/cciname. An example of the jil definition is defined below:

```
insert_machine: AS400TST  
type: t
```

1. Now you can create your job definition. Here is an example of a basic job definition:

```
insert_job: AS400_job  
job_type: c  
command: *JOBQ QSYS/DSPSYSVAL SYSVAL(QDATE) OUTPUT(*PRINT)  
machine: AS400TST  
owner: userid@AS400TST
```

Document ID: TEC443677

Last Modified Date: 3/14/2008

Title: CA AutoSys Workload Automation r11 Benchmarking

Summary: CA AutoSys Workload Automation r11 Benchmarking

This document outlines the initial findings from the CA AutoSys Workload Automation r11 benchmarking analysis performed internally by CA personnel. The benchmarking detailed in this document is by no means exhaustive, but it provides an idea of what CA AutoSys WA r11 can handle. It also provides a starting point for a more detailed benchmarking analysis.

For details, see [Support Online link](#)). (Requires [Adobe Acrobat Reader](#) to be viewed).

Document ID: TEC442030

Last Modified Date: 12/13/2007

Title: How do you change the autosys password in Microsoft SQL Server if two separate Autosys instances are utilizing the same MS SQL server?

Summary: How do you change the autosys password in Microsoft SQL Server if two separate Autosys instances are utilizing the same MS SQL server?

Description:

The "autosys" user in MS SQL is not database specific but server specific.

Each AutoSys instance requires its own database in MS SQL.

Therefore when you run autosys_secure to change the password for "autosys"

you are not only changing the password for the "autosys" user server wide but you are also changing the password for the "autosys" user in only one AutoSys database alamode table. This will cause the other AutoSys instance to have an incorrect encrypted password in the alamode table in its database that does not match the password for the "autosys" user on the server.

Solution:

1. Stop both AutoSys instances.
2. Run autosys_secure in the first AutoSys instance to change the password for the autosys user in its database and also Server wide.
3. In the first AutoSys instance's database run the following select statement:
select str_val from alamode where type = 'password'
4. In the second AutoSys instance's database run the following update statement:
update alamode set str_val='<encrypted value returned from Step3>' where type = 'password'

Document ID: TEC477615
Last Modified Date: 12/20/2008

Title: Load balancing values for job_load and max_load are ignored

Summary: Load balancing values for job_load and max_load are ignored

Description

Autosys is ignoring the job_load and max_load values. For example:

- A machine was defined with a max_load of 100
- 4 jobs were created with 100 load units each
- All 4 jobs were able to run on the agent at the same time

How can this situation occur?

Solution

This situation can occur for two reasons.

Reason 1:

In order for the load balancing parameters of job_load and max_load to be honored the created jobs must have a non-zero priority. When a job is first created it has a default priority of zero. A value of zero means that the job in question should run immediately. This will cause the job to ignore any job_load or max_load values configured. Change or Add the priority option to 1 or greater.

Reason 2:

If a job is force started then this action will cause the job to run immediately and not honor any load balancing values.

Document ID: TEC472040
Last Modified Date: 10/10/2008

Title: Load balancing from AutoSys r4.51 to Universal Job Management Agents r3.1

Summary: Load balancing from AutoSys r4.51 to Universal Job Management Agents r3.1

Description:

The following are steps that can be taken in order to achieve load balancing for jobs scheduled from AutoSys 4.51 to two Universal Job Management Agents 3.1.

Solution:

The AutoSys built in load balancing options are not supported by Universal JM Agents. However, a way around this is to create a script that contains logic to obtain the name of the machine to schedule to. This script can be referenced in the 'machine' parameter of the AutoSys job as in the following example:

```
/* ----- testjob ----- */  
insert_job: testjob  job_type: c  
command: /test  
machine: '/tmp/machine.sh'  
owner: root@hostname  
permission: gx,wx  
alarm_if_fail: 1
```

NOTE: back-ticks are used around the script path in the machine parameter. Not quotes or double quotes.

The /tmp/machine.sh script in this example simply performs an 'echo <hostname>' command.

Logic can be added so that the script obtains the needed hostname and issues an echo statement at the end. This way the AutoSys job can pick it up and use it to schedule to.

For example, in a situation where load balancing is required for UJMA's installed on two machines which are part of an active/active cluster server, the script can be written so that it does the following:

1. Gets the physical name which belongs to the logical hostname and echo's it at the end of the script
2. or/and, run a CCI command to get the name of the UJMA submission servers:

```
$ ccii |grep "SUBMITC Server"  
Oid(ptsn09es,SUBMITC Server) Did( , ) type(L)  
Oid(BGBUAX53,SUBMITC Server) Did( , ) type(R)
```

Applications of type(R) are Remote CCI applications while L stands for the Local manager.

Document ID: TEC302846

Last Modified Date: 12/19/2007

Title: Installing the Unicenter AutoSys Job Management 4.0 Listener on AIX 4.3.3

Summary: Installing the Unicenter AutoSys Job Management 4.0 Listener on AIX 4.3.3

AIX 4.3.3 requires JRE 1.3.1 plus security patches in order to support the Unicenter AutoSys Job Management 4.0 Listener. You cannot install JRE 1.4.x on AIX 4.3.3. At the time that this document was created (04/03) this procedure had been validated on two different systems.

There are five downloads required for this installation. You may want to expedite your work by completing the downloads before beginning the installation process. In particular, if the AIX OS that you are installing on is not up to at least Maintenance Level 10, the process of updating the OS installation may be quite lengthy (measured in days rather than hours).

Because of the complexity of the installation requirements and the AIX OS, we recommend that the installer have familiarity with working with AIX 4.3.3.

Required Downloads:

1. AIX 4.3.3 Maintenance Level 10 (minimum)
2. IBM JRE 1.3.1
3. AutoSys Listener Patch for AIX 4.3.3 (QO40420)
4. AutoSys JIL Patch (please see Step 4 below for additional information)
5. Sun JSSE 1.0.2

Installation Procedure

To make the necessary patches/fixes to get the AutoSys Listener working on AIX 4.3.3, please do the following:

1. Make sure that the required AIX maintenance packages have been applied. As stated above, this installation requires at least Maintenance Level 10, to be able to install the correct version of the JRE.

The following is configuration information from a CA test box. This box already had JRE 1.3.1 applied.

```
$ ./java -version
java version "1.3.1"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.3.1)
Classic VM (build 1.3.1, J2RE 1.3.1 IBM AIX build ca1311-
20011123a (JIT enabled: jitc))
$ uname -a
AIX aix433 3 4 000320024C00
```

2. Install the JRE. This is available at <http://www6.software.ibm.com/dl/dka/dka-p>. You will need JRE 1.3.1.
1. Install the Listener. You will need to apply this as the support patch rather than from the Install CD. This is available from <http://supportconnectw.ca.com>. The full download URL is: http://supportconnectw.ca.com/premium/autosys/downloads/autosys0208_index.asp, using the patch identifier QO40420

1. Install the JIL patch from the same site. The JIL is included in the latest incremental patch for the database type.

1. Apply the Sun JSSE 1.0.2 package, as detailed in section 4.3 of the document available at the following URL: <http://www.sybase.com/detail/1,6904,1020836,00.html>. These directions include the location of the JSSE package on the Sun website, for download.

Attached is a snippet for the JDK/jre/lib/security/java.security file, as described in Step 5.

```
security.provider.1=sun.security.provider.Sun
security.provider.2=com.sun.net.ssl.internal.ssl.Provider
```

1. Make sure that you do not have any of the following IBM Jars in the JDK/jre/lib/ext directory:

```
ibmjsse.jar
ibmpkcs.jar
ibmjcaprovider.jar
ibmjcefw.jar
ibmjceprovider.jar
```

Back these files up to somewhere not in the classpath.

1. Add the location of JRE 1.3.1 to the path/profile of the root user so that the correct JRE is loaded when the Listener runs.

1. Start the Listener according to the README directions.

IMPORTANT! Make sure that you start the Listener as root, and that your AutoSys environment is correct in the shell that you are using.

Document ID: TEC408282

Last Modified Date: 10/13/2006

Title: How to add more load to Max Load Parameters in AutoSys 4.5

Summary: How to add more load to Max Load Parameters in AutoSys 4.5

If a job is defined with a job_load but no priority attribute is set, the priority for the job defaults to 0. This causes the EP to ignore the available load units for the machine and run the job. A priority greater than 0 must be set for the job to take advantage of this load balancing feature.

Document ID: TEC447264

Last Modified Date: 3/6/2008

Title: How to determine if AutoSys is in dual event server mode.

Summary: How to determine if AutoSys is in dual event server mode.

Description

How can you determine if an AutoSys instances is truly running in dual server mode?

Solution

One or more of the following methods can be used to determine the database HA status in AutoSys:

- When the EP starts, it reads in the Instance configuration and attempts to start in the defined configuration. Examine the instance configuration to make sure both Event Servers are listed:

- **On Unix/Linux:**

`$AUTOUSER/config.$AUTOSERV`

When rolled to single event server mode, the database that went down will be commented out in the config file. If the EP is restarted without taking away this comment, it will not be in dual server mode.

- **On Windows:**

Administrator GUI

Each Event Server entry in the Windows Admin GUI has an Enable/Disable button. The one that is grayed out indicates its status. If both have Enable grayed out, then the configuration indicates dual server.

- To verify that the EP was successfully able to start in Dual Server mode for all OS types, connect to both Event Servers with a SQL utility and run the following query:

```
select INT_VAL from Alamode where TYPE = 'DB';
```

The value for both should be '2' if the instance is running in dual server mode.

- Examine the primary Event Processor log for messages that indicate a successful dual event server launch.

- When in dual event server mode, all events are written to both databases. Monitor the row counts of the event table in each database. If both are moving up and down, then both databases are in use.

Document ID: TEC440700

Last Modified Date: 11/23/2007

Title: Can a single UNIX Remote Agent machine be configured to communicate with two instances of AutoSys using different database types? Example: Oracle and Sybase.

Summary: Can a single UNIX Remote Agent machine be configured to communicate with two instances of AutoSys using different database types? Example: Oracle and Sybase.

Description:

Can a single UNIX Remote Agent machine be configured to communicate with two instances of AutoSys using different database types? Example: Oracle and Sybase.

Solution:

It is possible to have a UNIX client machine configured with Remote Agents for two instances that do not use the same database type. However, since there is a common default profile (/etc/auto.profile) for the auto_remote process, installing a 2nd instance of AutoSys on the Remote Agent machine can cause problems if the proper steps are not followed.

Each instance requires a different set of database variables for Event Server connectivity. When the second instance is installed, a new /etc/auto.profile is created over-writing the one created by the first RA install. Therefore, the Remote Agent for the first instance no longer functions properly because its DB connectivity variables are missing.

In order to have more than 1 AutoSys remote agent of differing database types on a single unix machine the following procedure should be followed:

Each instance must be configured to use unique Remote Agent ports as each instance will have its own set of binaries on the client machine.

Before installing the second instance, make a backup copy of the existing /etc/auto.profile to use as a reference for the next step.

All of the variables expected for each database type will need to be present in the /etc/auto.profile. After the installation of the second Remote Agent is complete, manually edit the new auto.profile and add the #AUTOENV# variables that were in the original.

Example:

```
#AUTOENV#ISDBGACTIV=0
```

```
#AUTOENV#TNS_ADMIN=/oracleclient101/network/admin/  
#AUTOENV#ORACLE_HOME=/oracleclient101/network/admin
```

```
# Set ORA_NLS33 in case $ORACLE_HOME doesn't have 8.1.7 nls files.  
#AUTOENV#ORA_NLS33=/opt/CA/UnicenterAutoSysJM451/autosys/oracle/nls33
```

```
#AUTOENV#SYBASE=/syb125
```

Notice both SYBASE and Oracle variables are listed above.

If there were any other variables added to the original auto.profile that are required for jobs from the first instance to run properly, make sure to add those to the new profile as well.

Document ID: FAQ405622

Last Modified Date: 9/9/2006

Title: When submitting a job to SAP, I receive the following errors: %CASAP_E_990 RFC error operation/code: RfcOpenEx, %CASAP_E_991 Key: RFC_ERROR_LOGON_FAILURE, %CASAP_E_993 Message: Start 'sapgui' failed.

Summary: When submitting a job to SAP, I receive the following errors: %CASAP_E_990 RFC error operation/code: RfcOpenEx, %CASAP_E_991 Key: RFC_ERROR_LOGON_FAILURE, %CASAP_E_993 Message: Start 'sapgui' failed.

Uncheck the check box for Enable ABAP Debug in <casapmajcfg> dir.

Document ID: FAQ258539

Last Modified Date: 1/26/2003

Title: What is the exact sequence that takes place when a box runs through the Unicenter AutoSys Job Management Scheduler

Summary: What is the exact sequence that takes place when a box runs through the Unicenter AutoSys Job Management Scheduler

- An Event Processor (EP) grabs the unprocessed event to change the status of a box to RUNNING.

1. That EP will then change the status of the jobs, in the job_status table, to ACTIVE
2. That EP will then see if any other boxes are in it and change the status of those boxes to ACTIVE if the conditions to start are not met, or to RUNNING if the starting conditions have been met and follow all the steps here as it did with the parent job.
3. That EP will then check the conditions of the jobs inside it to see if the conditions are met. If they have been, then it will connect to the appropriate client to start the job who sends an unprocessed CHANGE_STATUS to STARTING event to the EVENT table. (NOTE: No START_JOB event is sent to the EVENT table to be processed)

- Jobs run through the regular cycles of a job (Please see AutoSys 4.0 Reference Guide for more information), except that when an EP grabs the finishing event to a job in a box, it will not only check for met starting conditions for other jobs, but also the finishing condition for the box, if it is the last job to complete (or have it's status changed to inactive) in that box. It sends a CHANGE_STATUS for the box to the EVENT table to be processed as normal.

Document ID: FAQ405313

Last Modified Date: 9/16/2006

Title: My job is stuck in starting. The autoping -m and autosys -m -D to the Remote Agent is still successful.

Summary: My job is stuck in starting. The autoping -m and autosys -m -D to the Remote Agent is still successful.

If the AutoSys environment is a mixed OS such as UNIX Event Processor and Windows Remote Agent, there is a possibility that the job will get stuck in STARTING status even though the 'autoping -m -D' is successful.

On the windows Remote Agent, the Enterprise Wide Logging Directory must match the AutoRemoteDir configuration parameter on the UNIX Event Processor machine. For example, if AutoRemoteDir on UNIX is set to /tmp, then create a folder called 'tmp' in the C:\ directory on the Windows client.

The Enterprise Wide logging directory is configured on a Windows client using the Remote Agent tab of the AutoSys Administrator.

Document ID: TEC406557

Last Modified Date: 9/22/2006

Title: Trying to start the eventor processor by running \$AUTOSYS/bin/eventor. The event_demon fails to start and no real explanation or error is displayed as to why.

Summary: Trying to start the eventor processor by running \$AUTOSYS/bin/eventor. The event_demon fails to start and no real explanation or error is displayed as to why.

To troubleshoot this type of issue you can try the following:

1. "sh -x \$AUTOSYS/bin/eventor" this will display line by line execution of the shell script eventor as it tries to start the event_demon.
2. Make a backup of the \$AUTOSYS/bin/eventor script 1 st, edit the file \$AUTOSYS/bin/eventor changing the line:
EVENT_DEMON="event_demon -A \$AUTOSERV -c 1"

To read:

```
EVENT_DEMON="/usr/bin/truss -o /tmp/event_demon_truss.out event_demon -A $AUTOSERV -c 1"
```

The exe truss will trace system calls and signals on Solaris and AIX. Use tusc on HPUX. Run "\$AUTOSYS/bin/eventor". Then examine the truss output file to help determine where the event_demon is running into a problem.

3. If this is AutoSys 4.5 instance an environment variable can be set prior to starting the product which will provide additional debugging information in the \$AUTOUSER/out/event_demon.\$AUTOSERV file. The variable is ISDBGACTIV. It should be set to the value of <17> and then exported.

Example:

```
ISDBGACTIV=17  
export ISDBGACTIV
```

Then run \$AUTOSYS/bin/eventor and examine the \$AUTOUSER/out/event_demon.\$AUTOSERV and \$AUTOSYS/out/event_demon_misc.\$AUTOSERV files for further details.

If nothing useful is produced, set the value of ISDBGACTIV to 511, export the variable and run \$AUTOSYS/bin/eventor.

Document ID: TEC462688

Last Modified Date: 5/8/2008

Title: Setting of AutoRemoteTZ failed

Summary: Setting of AutoRemoteTZ failed

Description:

When executing a job on a Windows Remote Agent the following message is received in the auto_remote log file:

```
Setting of AutoRemoteTZ failed!  
<GMT+0BST,M3.4.0/01:00:00,M10.5.0>  
The job does not have time_zone set.
```

The auto_remote process updates the "AutoRemoteTZ" variable in this registry key:

HKLM\SOFTWARE\ComputerAssociates\UnicenterAutoSysJM\4.5\ACE\Configuration\RemoteAgent.

The error "Setting of AutoRemoteTZ failed" can occur either when the remote agent is not able to open this key or when it is trying to write to the key but it does not have the required permissions on the key.

This error comes up when there is "No Value" in this Registry Key, which is the default value, and the auto_remote process does not have permissions to update the Registry Key (Set or Full Permission).

Solution:

IMPORTANT: This article contains information about modifying the registry.

Before you modify the registry, make sure to create a back up of the registry and ensure that you understand how to restore the registry if a problem may occur. For more information about how to back up, restore and edit the registry, please review the relevant Microsoft Knowledge Base articles on support.microsoft.com.

The error can be avoided by one of the following solutions:

1. Set a default value for the AutoRemoteTZ variable in this registry key.
2. Give full permissions on this registry key.

Document ID: TEC481965
Last Modified Date: 2/13/2009

Title: %CASAP_I_nnn messages meaning

Summary: %CASAP_I_nnn messages meaning

Description:

Where to find details about all the %CASAP_I_nnn messages coming from SAP Adapter

Solution:

The messages should be self explanatory.

For example:

%CASAP_E_990, RFC error operation/code: RfcOpenEx
%CASAP_E_991, Key: RFC_ERROR_LOGON_FAILURE
%CASAP_E_993, Message: Name or password is incorrect (repeat logon)

This message means the name or password is wrong.

Below you can find all the possible messages coming from the SAP Adapter to let you prepare in advance for some Message Records and Message Actions in Event Management

.FACILITY CASAP,300

```
.BASE 001
.SEVERITY SUCCESS
001 "Successful completion."
.BASE 005
.SEVERITY ERROR
005 "CCI Failure. Local (%s)(%s) Remote (%s)(%s) Function=%s"
006 "Prc = %d, Src = %d, Drc = %d, Text = %s"
.SEVERITY WARNING
007 "Unable to contact casapsjm on %s"
.SEVERITY ERROR
008 "UNICODE translation error rc=%d"
009 "capchain supports SAP release 6 and above. Detected release: %s."
010 "Could not discover a Unicenter or Unicenter AutoSys JM scheduler. Use
+UNICENTER or +AUTOSYS."
011 "Maximum run time exceeded <%d> seconds. capchain aborted."
.SEVERITY WARNING
.BASE 012
012 "Unable to contact SAP for %02d:%02d HH:MM"
013 "%s is not supported in SAP release %s. Parameter will be ignored."
014 "The SAP job status could not be determined for %s. Duplicate job
records found (%d)."
```

015 "sapipkg will wait until all jobs have completed."
016 "More than one InfoPackage found with name of %s. Scheduling %s."
017 "Pipe for retrieving command output cannot be created. No output will be sent."
018 "Error in closing stderr pipe."
019 "Error in reassigning stderr."
020 "Error in execution of program: %s."
021 "Error with fcntl fd[1]."
022 "Error setting no delay bit."
023 "Error closing write pipe."
024 "Error in fork() preparing to execute: %s. rc=%d. Reason=%s."
025 "Feedback could not be created. No output will be sent to the console."
026 "A request to cancel %s has been processed. However, the %s will not be cancelled while in
 <active> state."
027 "More than one job found with name of %s. Scheduling %s."
.BASE 100
.SEVERITY INFORMATIONAL
100 "SAP Alert monitor enabled"
101 "SAP Alert monitor disabled"
102 "There were no batch-input sessions started on behalf of sapjob."
103 "Batch-input sessions have been started on behalf of sapjob."
104 "Batch-input session %s %s has started."
105 "Batch-input session %s %s has ended. QSTATE=%c."
106 "Batch-input session %s %s has ended with warnings. QSTATE=%c. Check SAP R/3 BI Session log."
107 "Job %s %s interception detected. Action taken: %s."
.BASE 200
.SEVERITY FATAL
INTERNAL "Internal error: %s %s line:%d."
ENVNOTSET "Environment variable '%s' is not set or invalid."
DIAGNOSE "Diagnostic: %s %s Line:%d."
.SEVERITY ERROR
203 "The InfoPackage name or technical name must be specified."
204 "Data can be posted automatically into the data targets only if DATATARGET=E is specified."
205 "Invalid parameter supplied: %s."
206 "The InfoPackage's scheduling options must be set to start immediately."
207 "The SAP job status could not be determined for %s. No job records found."
208 "A connection to the SAP system could not be established. Please check connection information
 using casapjmacfg."
209 "There are not enough SAP resources to start the %s. Specify a longer RESOURCEWAITSEC or
 RESOURCEPOLLCNT value."
210 "SAP process chain <%s> was not found."
211 "No process logs were found for process chain <%s>."
212 "Process chain <%s> not found while monitoring."
213 "Could not find process log information for <%s> <%s>."
214 "BAPI_XMI_LOGIN failed."
215 "No job log records found for <%s>."

216 "The job <%s><%s> has no steps to modify."
217 "The job count for %s could not be retrieved. Job not copied."
218 "Rescheduling to %s using %s template failed. <%s> Reason code:%d.
rc=%d."
219 "Executing %s failed. <%s> Reason code:%d. rc=%d."
220 "InfoPackages cannot be scheduled using the SAP* userid because of its
SAP system update restrictions."
221 "Job interception failed. Reason: %s."
222 "Process chain <%s> could not be started. Please validate the Direct
Scheduling selections in the Start
Process variant."
.SEVERITY FATAL
.BASE 300
300 "XBP 2.0 is required for the casapvar utility. Detected XBP version =
%s."
301 "%s is not a valid select name in variant %s for report %s."
.SEVERITY FATAL
.BASE 320
320 "Unicenter AutoSys JM Remote Agent's PID AUTOPID=%ld is not a positive
value passed."
321 "Unicenter AutoSys JM interface -> Failed to create thread for
cancelling job logic. ERROR: %ld
from CreateThread"
.SEVERITY WARNING
.BASE 330
330 "Unicenter AutoSys JM interface -> error code %ld from action %s for
event name %s"
331 "Unicenter AutoSys JM interface -> send heartbeat failed"
.SEVERITY FATAL
.BASE 500
500 "DATE API initialization failed. DATE rc=%8.8x. %s line=%d"
501 "FSEEK error. %s %s line=%d"
.SEVERITY INFORMATIONAL
.BASE 800
800 "SAP PC %s <%s> started."
801 "SAP PC %s <%s> restarted."
802 "SAP PC %s <%s> ended. Status: %s."
803 "SAP Job %s %s has been copied as %s %s beginning with step %d."
804 "SAP Child Job %s %s of Parent %s %s started."
805 "SAP Child Job %s %s of Parent %s %s ended. rc=%d. Status=%c."
806 "SAP Child Job %s %s of Parent %s %s queued for release."
807 "SAP Job %s %s Summary - Children=%d. rc=%d."
808 "Job log for <%s>: %s"
809 "%s."
810 "SAP PC %s Process <%s> Type <%s> Status: %s."
.BASE 870
.SEVERITY WARNING
870 "SAP PC %s <%s> ended but not all processes were successful. Status:
%s."
.BASE 900
.SEVERITY WARNING
900 "Error connecting to the SAP target system."
901 "RFC Function Call to %s failed rc=%d."
902 "Internal SAP RFC failed while in %s. rc=%d."

903 "The SAP statistics collector is currently turned off. No information available."
.SEVERITY ERROR
904 "Error finding CAIGLBL0000 path."
905 "Error opening file for storing syslog entries."
.SEVERITY WARNING
906 "There is no detailed information about the %s available."
907 "Expected parameter not found - %s. Config file may be corrupted."
.SEVERITY ERROR
908 "Error opening file %s."
909 "Error allocating storage for %d bytes. %s"
910 "Error executing SAP function %s. %s"
.BASE 911
911 "Error writing entries to internal table: Out of memory."
912 "The new operation mode %s is not defined to the SAP system."
913 "The new operation mode %s is not active on the %s SAP system."
914 "Connection closed by R/3 server."
915 "Error performing the RFC call to %s."
916 "Error opening a connection to the SAP target system."
917 "Please specify the SAP system message you want to broadcast."
918 "The SAP application server name is required."
919 "An empty entry which can be used."
920 "Invalid profile parameter detected while collecting buffer summary statistics."
921 "SAP internal error. SAP statistics are not available."
922 "CAOpenSAPConnection failed for %s_%s_%.02d rc=%d"
923 "Specified user not found. Cannot switch users to execute the command."
.BASE 930
930 "SAP/R3 Connection/Logon information not set up. Please run casapjmacfg."
.BASE 959
959 "JOBNAME is required when starting an existing SAP job using START."
960 "Invalid parameter supplied. Parameter in error=%s."
961 "Unable to open PRIPARMS file %s."
962 "Invalid or no Variant supplied for SAP report %s."
963 "SAP report %s does not require a Variant."
964 "Invalid SAP target host specified <%s>."
965 "No SAP job with jobname %s found that is ready for release."
966 "Specify either +rc (RECIPIENT_COPY) or +rb (RECIPIENT_BLINDCOPY), not both."
967 "JOBNAME and JOBCOUNT are required when canceling or copying a job."
968 "Incompatible parameters specified: %s."
969 "The destination profile <%s> does not have SAP connection information configured.
Please run casapjmacfg."
.BASE 970
.SEVERITY INFORMATIONAL
970 "%s"
971 "SAP Job %s %s started at %s %s"
972 "SAP Job %s %s ended at %s %s Status=%c"
973 "SAP Job %s %s has been scheduled."
974 "Job %s %s has been canceled."
975 "SAP Job %s %s started."

976 "SAP Job %s %s queued for release."
977 "SAP Job %s %s ended rc=%d. Status=%c."
978 "SAP IPAK %s (%s) started."
979 "SAP IPAK %s (%s) ended. Status=%c."
.BASE 980
.SEVERITY ERROR
980 "No SAP report or external program specified."
981 "Either SAP report or external program may be specified."
982 "External system name must be specified with external pgm."
983 "A combination of EXTPGM_SYSTEM, TARGETHOST, or TARGETSERVER
specified."
984 "No SAP job was found in scheduled state with the name of %s."
985 "The configuration override profile <%s> was not found."
986 "More than one job found in SAP in scheduled state with name: %s."
.BASE 990
.SEVERITY ERROR
990 "RFC error operation/code: %s"
991 "Key: %s"
992 "Status: %s"
993 "Message: %s"
994 "Internal: %s"
995 "Connection closed by R/3 server errno=%d"
996 "ABAP/4 function failure. %s rc=%d"
997 "Required SAP R/3 DLL LIBRFC32.DLL not found."
998 "Required SAP shared library <librfccm> not found in library path."
.END

Document ID: TEC462299

Last Modified Date: 4/30/2008

Title: How to shut down all AutoSys components?

Summary: How to shut down all AutoSys components?

Description:

Which commands need to be run in order to shut down all AutoSys components?

Solution:

Shut down all AutoSys, CCS, Ingres, and eTrust services on the machine, by executing the following commands:

1. /etc/init.d/uajm_sc* stop
2. /etc/init.d/uajm_se* stop
3. /etc/init.d/uajm_ag* stop
4. unicntrl stop all
5. ingstop
6. /opt/CA/SharedComponents/Csam/SocketAdapter/bin/csampmux stop
7. \$DXHOME/bin/dxserver stop all
8. \$DXHOME/bin/ssld stop all

Note: The following commands can also be used to stop the AutoSys Agent, Server and Scheduler.

1. unisrvcntr stop uajm_agent
2. unisrvcntr stop uajm_server.\$AUTOSERV
3. unisrvcntr stop uajm_sched.\$AUTOSERV

Document ID: TEC475825

Last Modified Date: 12/3/2008

Title: How to uninstall the CA License Client and other common component traces of AutoSys r11.0

Summary: How to uninstall the CA License Client and other common component traces of AutoSys r11.0

Description

After uninstalling AutoSys r11.0 there are still remnants of the installation. These are the steps to remove them if no other CA product is present on the machine.

Solution

IMPORTANT: This article contains information about modifying the registry. Before you modify the registry, make sure to create back up of the registry and ensure that you understand how to restore the registry if a problem may occur. For more information about how to back up, restore, and edit the registry, please review the relevant Microsoft Knowledge Base articles on support.microsoft.com.

After uninstalling AutoSys r11.0 and all it's common components using 'Add or Remove Programs', the following remains from the original installation:

1. The 'C:\Program Files\CA\Shared Components' directory
2. The 'C:\CA_APPSW' directory
3. The 'CA License Client' windows service
4. Some entries in the Windows Registry

To remove these remnants:

1. Navigate to CA_LIC directory.
2. Unzip the lic98_uninstall.zip into a directory other than CA_LIC.
3. Execute the batch script named "rmlicense.bat" in lic98_uninstall.zip. This should remove the CA_LIC directory and its contents.

Note: If uninstallation is not complete and CA_LIC directory is not removed, some of the files may be in use by the other CA products. This might require a system reboot.

Repeat the Uninstallation again after the system reboots

4. Ensure that CA_LIC directory has been removed.If necessary remove manually
5. Remove registry entries if any present under the link
"HKEY_LOCAL_MACHINE\SOFTWARE\ComputerAssociates\License".

By executing these steps the CA_LIC directory gets removed and also the services related to licensing are deleted.

Document ID: TEC475973

Last Modified Date: 12/4/2008

Title: libascmn.so Error With The send_event command

Summary: libascmn.so Error With The send_event command

Description:

When issues a send_event command fails with the following error.

exec(): 0509-036 Cannot load program sendevent because of the following errors:
Dependent module libascmn.so could not be loaded.
0509-022 Cannot load module libascmn.so.

Solution:

The library path environmental variable must have the \$AUTOSYS/lib directory referenced. Please see the following list for variables on different operating systems.

HP-UX - SHLIB_PATH

Solaris - LD_LIBRARY_PATH

Aix - LIBPATH

The variable can be specified in the shell being used or in the following resource file.

\$AUTOUSER/autosys.<shell>.<hostname>

Document ID: TEC434306

Last Modified Date: 9/27/2007

Title: Jobs are stuck in starting after upgrade to Oracle 10g.

Summary: Jobs are stuck in starting after upgrade to Oracle 10g.

Description

The AutoSys Event Server was upgraded to Oracle 10g. The autoping command works successfully and jobs run successfully that are owned by the 'autosys' user. However, other jobs that have different job owners get stuck in STARTING status.

The auto_rem* file for a job stuck in STARTING contains the following Oracle errors:

Oracle Logon Error: ORA-65535 and ORA-00001

Oracle Logon Error: Unable to display error message for ORA--65535 and ORA--00001

Please check the Oracle Messages manual

Solution

Modify permissions on \$ORACLE_HOME and \$ORACLE_HOME/lib so that the other job owners have the same access to these directories as the autosys' user.

Document ID: TEC413524

Last Modified Date: 12/20/2006

Title: What controls the default permissions when creating an AutoSys job via "jil" or via the gui in a UNIX environment?

Summary: Permissions on Job set via GUI and CLI are set differently. Information on that is useful in managing jobs and user workload assignment in infrastructure.

Introduction:

Admins face challenges in managing jobs and assigning these jobs based on roles of the users and their groups. Admins can deal with user/group permissions from OS side. User/group permissions information as far as Autosys is essential in these tasks.

QUESTION:

What controls the default permissions when creating an AutoSys job via "jil" or via the gui in a UNIX environment?

Environment:

Unix/Linux, Windows.

ANSWER:

The default job permissions are set based on what the userid's umask value is set to.

umask of 777 will result in job permissions of NULL

umask of 000 will result in job permissions of ge, gx, we, wx

The above holds true for both newly created job in AutoSys via the Job Editor gui and "jil" from a unix command prompt.

Additional Information:

<https://docops.ca.com/ca-wla-ae-wcc/11-4-2/en/search?q=job+permissions&max=10&key=AE1136SP2p>

