CA Workload Automation iXp

Release Notes

Release 7.1 SP1

technologies

Contents

Chapter 1: Changes to the Existing Features

This chapter describes changes made to existing features of the product.

View->Transitive Closure

In the past, Transitive Closure could be generated for a single job only. Now, users can perform the same action on all jobs currently in view.

File->Save View As JIL

Users can now generate a JIL file that shows the JIL definitions of all the jobs currently in view. The file will be generated only if all the jobs in view pass your JOB_DETAIL privilege.

iXp Uses "autosyslog" to Retrieve Log Files in r11.3

In r11.3 environments, there is no need to install the iXp Agent to retrieve STDOUT/STDERR, Remote Agent log and Profile files. The iXp server will use the standard "autosyslog" command to fetch them.

Bug Fixes

- Job statuses were not shown properly for r11.3 jobs that had been deleted and re-created.
- Calendar Editor Copy function was not working.

The ixautorep command was not handling JOB_READ security properly when it was executed to see past runs.

Chapter 2: Upgrade Considerations

Before upgrading to v7.1 from iXp v6.x or older, please back up your $IXP_HOME directory (delete older log/sav files if disk space is a concern).

Upgrading from v6.0 or Lower

If you are upgrading from iXp v6.0.x or lower, you will have to first run the upgrade script "ixp-upgrade-6.1.pl", which is located in the same "contrib" directory. This script will enable one or more of the following privileges for any or all users and/or groups.

GLOBAL READ : Ability to see Global Variables based on their names and instances.
GLOBAL DELETE : Ability to delete Global Variables based on similar criteria.
GLOBAL UPDATE: Ability to update Global Variables based on similar criteria.
CALENDAR READ : Ability to see Calendar dates based on their names and instances.
CALENDAR UPDATE : Ability to update Calendar dates based on similar criteria.
MACHINE USE : Ability to define a job to run on machines based on their names and instances.
MACHINE EDIT : Ability to define or edit machine definitions based on similar criteria.

The iXp Administration Guide provides additional details about these privileges.

By default, all of the above privileges are disabled for existing users. When a new user gets created, these privileges will be disabled as well.

The syntax of this script is as follows:

perl ixp-upgrade-6.1.pl [-U *<user list>*] [-G *<group list>*]
   [-m *<machine permissions>*] [-c *<cal permissions>*] [-g *<global permissions>*]

 Must have at least one of -U or -G
   user and group lists may be *ALL*
 Must have at least one of -c or -g or -m
   <cal permissions> are any of
     read, update, ALL
   <global permissions> are any of
     read, update, delete, ALL
   <machine permissions> are any of
     use, update, ALL

For example,

perl ixp-upgrade-6.1.pl -G ALL -g read -c read -m use

perl ixp-upgrade-6.1.pl -G Production_Group -g ALL -c ALL -m ALL

perl ixp-upgrade-6.1.pl -U ALL -g read -c ALL -m ALL

Upgrading from v6.1-r2 or Lower

If you are upgrading from v6.1-r2 or lower, you will have to run the upgrade script "ixp-upgrade-6.1r3.pl", which is located in the same "contrib" directory. This script will enable one or more of the following privileges for any or all users and/or groups.

JOB_ALARM_READ : Enables users to see alarms related to their jobs.
INSTANCE_ALARM_READ: Enables users to see alarms related to their instances.
JOB_LOG_READ: Enables users to read STDOUT/STDERR, log files for their jobs.
JOB_SCRIPT_READ: Enables users to read Command Script files for their jobs.

The iXp Administration Guide provides additional details about these privileges.

By default, the Alarm-related privileges will be set to "true" for all existing users. When a new user gets created, these privileges will be set to "false".

By default, the Log File related privileges will be set to "false" for all existing users. When a new user gets created, these privileges will be set to "false" too.

If you would like to explicitly enable any of the above privileges for any or all users and/or groups, you can use the script "ixp-upgrade-6.1r3.pl" in the "contrib" directory under the main iXp directory.

The syntax of this script is as follows:

perl ixp-upgrade-6.1r3.pl [-U *<user list>*] [-G *<group list>*]
  [-l *<Log File permissions>*] [-a *<Alarm Read permissions>*]

 Must have at least one of -U or -G
   user and group lists may be *ALL*
 Must have at least one of -l or -a
   <Log File permissions> are any of
     logs, scripts, ALL
   <Alarm Read permissions> are any of
     jobs, instances, ALL

For example,

perl ixp-upgrade-6.1r3.pl -G ALL -l logs

perl ixp-upgrade-6.1r3.pl -G Production_Group -a ALL -l ALL

perl ixp-upgrade-6.1r3.pl -U ALL -a jobs -l logs

The Job Detail View is now formatted differently. As a result, it is active and operational only when its width meets the minimum requirements. The user properties file has to be modified to allocate this new minimum width to the Job Detail View.

Run the following script to update the user property files with the new Job Detail View dimensions.

perl ixp-detailview-upgrade.pl <WIDTH>

where,

<WIDTH> = Minimum width for the Job Detail View (recommended value is 340).

For example,

perl ixp-detailview-upgrade.pl 340

Upgrading from v6.1-r3-b11 or Lower

A new security privilege for users and groups has been added as follows:

JOB_DETAIL_FILTER: Enables users to see and search by certain job attributes , such as owner, machine, command.

The JOB_READ privilege is now modified to show just the run and status information, along with the job attributes not covered by the JOB_DETAIL privilege.

To maintain the privileges as they were in the previous versions, you can run the upgrade script "ixp-upgrade-62.pl" in the "contrib" directory. This script copies the existing JOB_READ settings to the new JOB_DETAIL privilege.

The syntax for the script is as follows:

perl ixp-upgrade-62.pl [-U] [-G]

where,

[-U] : Copy the settings for all users
[-G] : Copy the settings for all groups

For example,

perl ixp-upgrade-62.pl -U -G

Also, a new column has been added to the Job Console View. As a result, the props file for certain users will have to be modified to account for an additional column. To do so, you can run the upgrade script "ixp-upgrade-props-62.pl" in the "contrib" directory.

The syntax for the script is as follows:

perl ixp-upgrade-props-62.pl

The script will print out the names of users that were modified during execution.

Upgrading from v6.2

There are two scripts that should be run to upgrade existing iXp filters and Instance configuration files.

The existing iXp filter files have to be modified to support new R11.3 statuses. This script should be executed, even if your environment does not include R11.3. The syntax of the script is as follows:

perl ixp-updatefilters-70.pl

A new field has been added to the AutoSys Instance files as follows:

IXP_INSTANCE_DATABASE_VENDOR: Specifies the type of database being used for AutoSys. Supported values are Oracle, Sybase, SQL Server

Also, an existing field in that file has been modified as follows:

IXP_INSTANCE_VERSION: Specifies the version of AutoSys. Supported values are 4.0,4.5,11.0.11.1,11.3

The upgrade script modifies the IXP_INSTANCE_VERSION to the newly supported values, and adds the database vendor field. The syntax of the script is as follows:

perl ixp-updateInstances-70.pl

The script will print out the names of the Instance files that were modified.

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You agree that this agreement is the complete agreement for the programs and

licenses, and this agreement supersedes all prior or contemporaneous agreements

or representations. If any term of this agreement is found to be invalid or

unenforceable, the remaining provisions will remain effective.