Autosys

autosys

* Autosys is a product from Platinum, it is a job scheduling software.

* Most basic job scheduling is done using unix - Cron (or windows - AT), which is time based", it will fire the job bas
clock. Eg: Job (X1_load_job) is a program or task to be executed at a particular time
      1. read 2. parse 3. save file to DB 4. create report in excel 5. send report ...
      Everyday at 9.30 pm we need to specify date/week/time

* Autosys is used for defining, scheduling, monitoring jobs as well as reporting tool. These jobs can be Unix script, jav
or any other program which can be invoked from shell.

* However, in real business, you need to fire jobs not just based on scheduled time, but also based on events (like an a
file), and, based on the success or failure of other jobs.

* Autosys is a total job scheduling solution that allows you to define these events, dependencies, time schedules, alerts
making it a complete data center automation tool.

We can schedule jobs in autosys using jil code based on time and event, We can also monitor those jobs.

Advantages:

it is has a Java front end too, so a person do not need to be a Unix champ to create or change a job in autosys.

we can schedule jobs based on the condition of other jobs inside its container(Box job). We can regroup the jobs as or
whenever one job is finished its execution the other job will start at the moment if we give success condition upon this
also other conditions by which we can make jobs interdependent inside box job.

Attributes:

Job_name :
script :
owner:
machine it has to run on :
day:
date:
week:
error log :
output log :
alarm :

**Two methods you can use to create
job definitions:**

1. Using the AutoSys Graphical User Interface (GUI).
2. Using the AutoSys Job Information Language (JIL) through a command-line interface.

Concept	Definition
Autosys	an automated job control system for scheduling, monitoring, and reporting
Job	A job is any single command, executable, script, or batch file. These jobs can reside on any configured machine that is attached to a network.
	The conditions specifying when and where a job should run.
	As you become more familiar with the product features and the characteristics of your jobs, you can refine your use of Autosys.
	To run a job, you must create a job definition that specifies what the job does, when it runs, and where it runs.
Setup	This environment consists of autosys server and autosys client.
Architecture	