Autosys Workflow and Job Flows

Autosys Actions

Define Machine — 1

Physical Machines

Virtual Machines

Real Machine Pool

JobTrack (JM)

CA Workload User Interface — 2

Users are added

EEM - From Windows LDAP retrieves users from Autosys Group — 3

Users added to Groups — 4

Policies applied to groups — 5

Job Views

ACCE Job Management — 6a

Job Flows — 6

Job Flow Monitoring

Job Reporting

The scheduler (CHANGE_STATUS)

JOB_ON_HOLD,
JOB_OFF_HOLD,
JOB_ON_ICE,
JOB_OFF_ICE,
JOB_ON_NOEXEC,
JOB_OFF_NOEXEC

The scheduler gets Windows user credentials from the event server (database). — 7

Event Server

Application Server

Scheduler CA-7 (JAWs)

Queued Jobs

Windows, it logs on the remote_machine using the user credentials stored in the database

Windows

Cross OS / Job Execution — 8

zLinux

Unix

HPUX

When an Autosys remote agent runs a job: if *ix, connects to remote machine as root and performs setuid to job owner — 9

Communication Plug-in

Communication Plug-in

Communication Plug-in

Core — 10

Execution Plug-in

Execution Plug-in

Execution Plug-in

Communication From Plug-ins

Communication Plug-in Manager — 11

Send to Manager

Message Arrived

Outbox — 12

Inbox

Release Initiator ?

Ask Initiator Manager to submit a job — 13

Can go to manager ?

We've got a Reply?

Initiator Manager

We have an Initiator, submit

Execution Plug-in Manager — 14

To Execution Plug-in