

cosbatch version 3.1

Batch job scheduling software for UNIX, Linux and Microsoft Windows

cosbatch is an aggressively priced, fully featured, network-enabled job scheduling solution incorporating IT operations workflow management that produces benefits in efficiency, control, improved service levels, security, auditing and compliance. It schedules both background and interactive jobs across any combination of UNIX, Linux or Microsoft Windows servers.

cosbatch ensures that background processes run at the appropriate times and dates, and that they run according to any preconditions defined by any combination of external events and/or other background processes.

- Network-capable - jobs on different systems can be made interdependent
- Network-aware – database synchronized across multiple servers
- Automatic failover in the event of the Scheduler Node going down
- Scheduler/agent architecture
- Full background job scheduling
- Centralized job submission and job control for jobs across the network
- Comprehensive job suite and precondition (dependency) handling
- Event driven precondition handling
- Hierarchical calendar and frequency scheduling
- Access security controls
- Fully integrated Java-based GUI

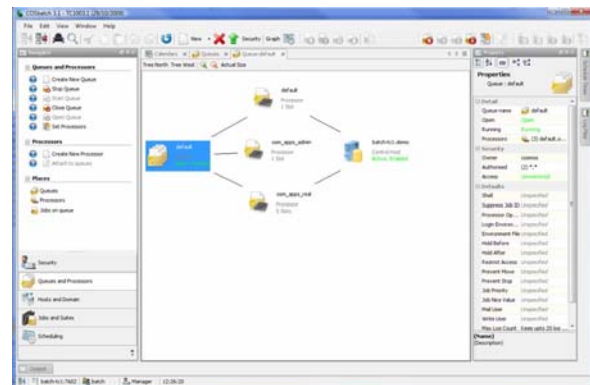
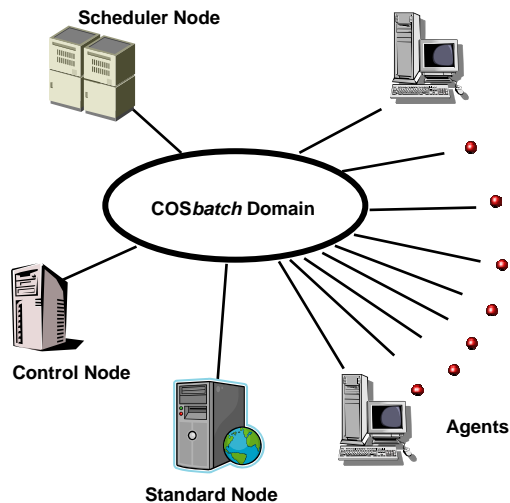


Figure shows an example screen shot from COSbatch V3.1

- Graphical suite viewer
- Automatic import of cron jobs
- Comprehensive logging
- COSduty delegation engine
- Highly scalable

cosbatch is implemented in a Server-Agent configuration, with all background and foreground processes scheduled from a single scheduling node running the cosbatch Server software. The cosbatch Server software must run on a UNIX or Linux system. The cosbatch Server holds the repository of jobs and job suites plus definitions of the cosbatch objects - queues, processors, calendars, users, and user classes. One cosbatch Server is designated as the Scheduler Node. One or more cosbatch Servers may be designated as Control Nodes which synchronize their repository with the Scheduler Node, and take over the scheduling in the event of planned or unplanned down-time of the Scheduler Node. In this manner a cosbatch domain can be configured so that the Scheduler will automatically fail-over to a Control Node.

Any UNIX, Linux or Windows application server on which cosbatch will control the running of background and/or foreground tasks will normally run the cosbatch Agent, a lightweight software product that handles all instructions from the Scheduler Node for the system on which it resides. The Agent includes a secure communications method which can be altered to accommodate organization standards e.g. SSH-2.



Requirements:

Scheduler: Linux 2.6 kernel (or later), Sun Solaris 10 (or later), IBM AIX 5.3 (or later), HP-UX 11i (or later)

Controller: – Linux 2.6 kernel (or later), Sun Solaris 10 (or later), IBM AIX 5.3 (or later), HP-UX 11i (or later)

Agent – Linux 2.6 kernel (or later), Sun Solaris 10 (or later), IBM AIX 5.3 (or later), HP-UX 11i (or later); Microsoft Windows 2003 (or later)

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