

# CONTROL-M VERSION COMPARISON

Features	Version 9	Version 18	Version 19
<b>Automation API</b>			
Configure authorization (roles, users, LDAP groups)			●
Provision Service - Control-M/Server, agents, certain plug-ins			●
Jobs-as-Code - workload policies, SAP R/3 copy, DB stored procedure, annotations			●
Control-M Workbench	●	●	●
<b>Scheduling &amp; Monitoring</b>			
Cyclic folders		●	●
End folder		●	●
Auto edit variables simulation		●	●
Save viewpoints		●	●
Capture data from job output	●	●	●
Gantt view in all domains	●	●	●
Global calendars	●	●	●
Job bookmarks	●	●	●
Control-M Event Management (CMEM) rules in the workload automation client	●	●	●
Remote order job	●	●	●
Retention of job flows running across new day	●	●	●
Virtual workspaces	●	●	●
Order as independent flow	●	●	●
Dynamic workload policies	●	●	●
Job version management	●	●	●
Runtime estimations at a glance (Batch Impact Manager)	●	●	●
Annotation for user actions	●	●	●
Control-M forecast	●	●	●
Control-M Workload Archiving	●	●	●
<b>User Interface</b>			
Combined web interface (Control-M Workload Change Manager and Control-M Self Service)		●	●
Customized banner colors for different environments	●	●	●
Enhanced filtering for job loading	●	●	●
Export job flows to MS-Visio (EMF format)	●	●	●
Simplified sharing of data between jobs	●	●	●
Usage alerts	●	●	●

# CONTROL-M VERSION COMPARISON

Web: viewpoints, user views, order, access Z/OS job output in Control-D web access, view global and pool variables			●
<b>Reporting</b>			
Control-M reports		●	●
Manage dynamic workload policies using CLI	●	●	●
Promotion between environments (Workload Change Manager)	●	●	●
<b>Control-M Managed File Transfer</b>			
Control-M Managed File Transfer	●	●	●
- Amazon S3 file system support			●
Control-M Managed File Transfer Enterprise		●	●
- Processing rules			●
- AS2 protocol support			●
<b>Control-M Workload Change Manager</b>			
Control-M Workload Change Manager	●	●	●
- Site standards (conditional and must-have rules)			●
<b>Administration</b>			
Agent troubleshooting			●
Separate browse and order permissions			●
In-place upgrades with near-zero downtime and rollback		●	●
Application pack		●	●
External PostgreSQL support		●	●
AWS RDS support		●	●
Database upgrade process for embedded PostgreSQL			●
High Availability	●	●	●
- High Availability with external PostgreSQL			●
Pause Control-M (quiesce)	●	●	●
Zero downtime for agent upgrade	●	●	●
AES-256 encryption for all local passwords			●
HTTP/s client-server communication		●	●
SSL setup simplification between Control-M clients to server		●	●
Automatic deployment of Control-M agents and clients	●	●	●
Central management of SSL, use of External Certificate Authority	●	●	●
Multi-agent submission	●	●	●
Agentless technology	●	●	●
Auditing user changes	●	●	●
Side-by-side client installation	●	●	●

# CONTROL-M VERSION COMPARISON

What-if host simulation	●	●	●
z/OS express install	●	●	●
<b>Conversion</b>			
Self-conversion		●	●
- Self-conversion as code and web interface			●
- Control-M Cron Conversion integration with BMC Discovery			●

<b>Applications &amp; Technologies</b>	<b>Version 9</b>	<b>Version 18</b>	<b>Version 19</b>
Application Integrator	●	●	●
- AWS & Azure authentication support			●
Control-M for AWS			●
Control-M for Azure			●
Control-M for Databases	●	●	●
Control-M for Java, Web services, and messaging	●	●	●
Control-M for Hadoop	●	●	●
Control-M for SAP (includes SAP FCC)	●	●	●
Control-M for SAP PI	●	●	●
Control-M for SAP Business Objects	●	●	●
Control-M for Cloud (AWS EC2, VMWare, BMC BladeLogic)	●	●	●
Control-M for Backup	●	●	●
Control-M for Informatca	●	●	●
Control-M for PeopleSoft	●	●	●
Control-M for IBM Cognos	●	●	●
Control-M for IBM InfoSphere DataStage	●	●	●
Control-M for Oracle eBusiness Suite	●	●	●
Control-M for Oracle Business Intelligence	●	●	●
Control-M for Oracle Retail	●	●	●