

Semaphore vs Bitbucket Pipelines

Full feature comparison — Semaphore Cloud, Community Edition, and Bitbucket Pipelines

Model any workflow with autoscaling parallelism, built-in metrics, and no vendor lock-in.

Feature	Semaphore Cloud	Semaphore Community	Bitbucket Pipelines
Product type	★★★★★	★★★★★	★★★★★
SaaS	✓	✗	✓
Hybrid	✓	✓	✓
Fully on-premises	✓	✓	✓
Features	★★★★★	★★★★★	★★★★★
Standard project set up in a few clicks	✓	✓	✓
GitHub support	✓	✓	✓
Bitbucket support	✓	✓	✓
GitLab support	Soon	Soon	✓
Standardized product	✓	✓	✗
Graphical pipeline configuration	✓	✓	✗
Standardized configuration language	✓	✓	✓
Command-line interface	✓	✓	✗
Dashboards	✓	✗	✓
Test reports	✓	✓	✗
Flaky test detection	✓	✗	✗
Monorepo support	✓	✓	✗
Promotions	✓	✗	✗
Preflight checks	✓	✗	✗
Parameterized promotions	✓	✗	✗
Deployment targets	✓	✗	✗
Ease of maintenance	★★★★★	★★★★★	★★★★★
No maintenance required for hardware	✓	✗	✓

Feature	Semaphore Cloud	Semaphore Community	Bitbucket Pipelines
No maintenance required for platform software	✓	✗	✓
No maintenance required for user-facing product	✓	✗	✓
Declarative configuration of services	✓	✓	✓
Hot upgrades without downtime	✓	✗	✓
Operating system support	★★★★★	★★★★★	★★★★★
Linux, macOS	✓	✓	✓
Windows, ARM	✓	✓	✓
Performance	★★★★★	★★★★★	★★★★★
Guaranteed desktop-grade performance	✓	✗	✗
Autoscaling parallelism	✓	✓	✗
Allocate more CPUs and RAM to complex jobs	✓	✓	✓
Each job runs in a pristine, isolated environment	✓	✓	✗
Scalable dependency cache	✓	✓	✓
Built-in artifacts store	✓	✓	✓
Built-in Docker registry	✓	✓	✗
Debugging feedback loop	✓	✓	✗
Permission management	★★★★★	★★★★★	★★★★★
Mirror permissions from GitHub	✓	✗	✗
Role-based access	✓	✓	✗
Okta / SAML for LDAP integration	✓	✗	✓
Declarative configuration of permissions	✗	✗	✗
Security	★★★★★	★★★★★	★★★★★
Application-level security	✓	✓	✗
Runtime isolation	✓	✓	✓
IP allow list	✓	✗	✓
Audit logs	✓	✗	✓

Feature	Semaphore Cloud	Semaphore Community	Bitbucket Pipelines
ISO 27001 certificate	✓	✓	✓
SOC 2 certificate	✓	✓	✓
Support	★★★★★	★★★★★	★★★★★
Email-based support	✓	✗	✓
Video call support	✓	✗	✗
Support SLAs	✓	✗	✓
Custom solution engineering	✓	✗	✗
Dedicated customer success manager	✓	✗	✗
Private Slack channel	✓	✗	✗
Community support via Discord	✗	✓	✗

✓ supported · ✗ not supported · Soon = in progress. Category rows show relative rating (★ out of 5). Source: semaphore.io/resources/semaphoreci-vs-bitbucket-pipelines. Bitbucket is a trademark of Atlassian; comparison reflects Semaphore's published data.