

# BlueOptima Gerrit Active MultiSite

## Rock solid reliability and productivity

BlueOptima Gerrit Active MultiSite (a.k.a. GerritAMS), using BlueOptima's patented Active-Active replication, is a hardened service for replicating Git repositories and Gerrit data/meta-data/events around the globe to enable fast, low latency, read and write access by your worldwide development community.

## Gerrit code review

Gerrit provides web based code review and repository management for the Git version control system. A scalable system enabling teams of engineers with different privileges to collaborate to build software using best practices such as Continuous Integration and Trunk Based Development at all sites.

## Guaranteed data consistency

Repository consistency is maintained by playing out low-level Git transactions in the same order at all repository replicas.

## Automatic recovery

Sites that are offline during transactions are automatically recovered when they return to service. Zero administrator intervention required.

## Configurable redundancy

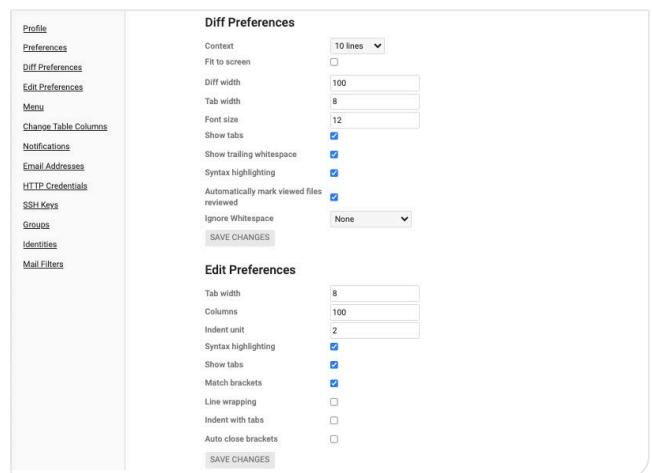
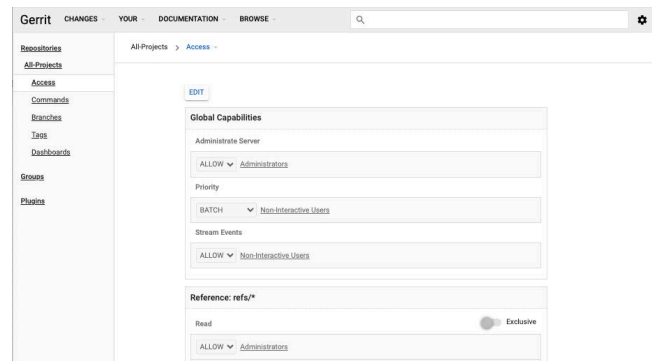
Only build and pay for what you need.

## Transparency

No change in Gerrit functionality and no learning curve for developers. No change in Git tooling required.

## Powerful “selective replication”

You easily select where each repository is replicated for maximum control of your environment.



## Network efficient

No WAN traffic for repository read operations. Repository update data is compressed before sharing via the WAN.

## Immediate update of repository data, and Gerrit data, meta-data, and events

No waiting for periodic polling from/to master/slaves.

## Supported environments

### Gerrit

- 2.16.27-WDv1

### Git (Server Side)

- 2.41.0 (C Implementation)
- 5.1.15-WDv1 (JGit)

### Operating Systems

- RHEL 7.9+ (x86-64)
- CentOS 7.9 (x86-64)

### Java

- Oracle JDK 8

