BlueOptima Git Active MultiSite

Rock solid reliability and productivity

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

Eliminate the single point of failure in Git

GitAMS replication enables redundancy for Git "Upstream" protecting your company's critical intellectual property.

Guaranteed data consistency

Repository byte-for-byte consistency is maintained by playing out 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.

No Git client modifications necessary

GitAMS enables your developers to continue to use their favorite Git clients with zero changes necessary. Efficient versioning of both text and binary images fully supported.
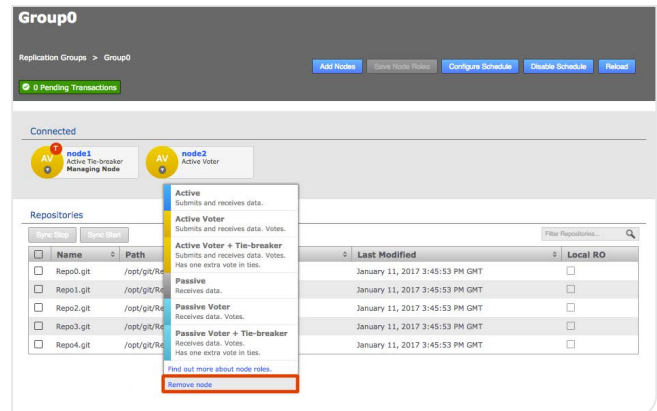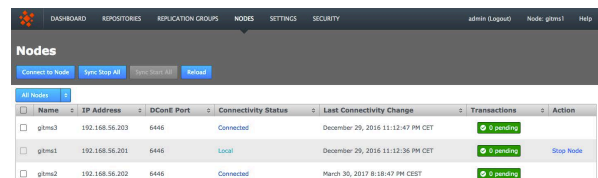
Apache and Git+SSH support

Server-side GitAMS supports Git access via either Apache or Git+SSH (or both). No proxies required: every site is writable!

Integrated with Enterprise Security

LDAP and Kerberos Authorities suported.

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 replicas

Real time repository synchronization on every update.
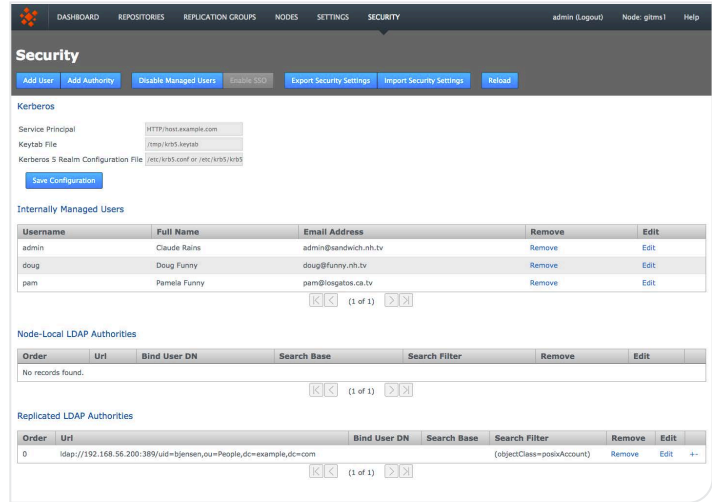
Supported environments

Git (Server Side)
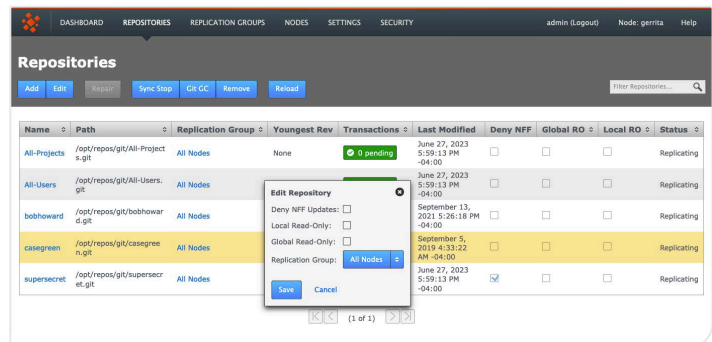
- 2.41.0 (C Implementation)

Operating Systems

- RHEL 7 (x86-64)
- CentOS 7 (x86-64)

Java

- Oracle JDK 8