Cohesity SiteContinuity

It’s time to eliminate your DR silo

SiteContinuity is a business continuity and disaster recovery (BCDR) service from Cohesity that enables continuous replication, and automates failover and failback orchestration, driven by a unified policy engine within a fully secure environment.

SiteContinuity can be operated within the unified policy framework and managed within Helios - just like DataProtect and SmartFiles. This gives business resilience engineers and supervisors the ability to use a single platform to protect and recover multiple tiers of their applications. SiteContinuity solves for the 3 most critical DR necessities:

- **Near-Zero Downtime**, powered by non-disruptive testing, and instant failover and recovery
- **Near-Zero Data Loss**, with upto <4s heartbeat data protection between sites, and built-in ransomware defense
- **Define and Meet Your Service Levels**, with a fine-grained, unified policy mechanism across backup and DR

SiteContinuity dramatically simplifies IT operations and significantly lowers cost compared to traditional DR products by consolidating critical data onto the renowned Cohesity file-system, that not only delivers industry-leading global deduplication and compression across workloads, but also delivers agentless, secure DR in a consumption model of the customer’s choice.

- **Eliminate DR Silo and Simplify Operations**
  - One platform to protect and recover all your apps
  - Unified policy engine
  - Automated, non-disruptive DR testing
  - Limitless scale

- **Near 0-downtime for Near 100% SLA Achievement**
  - Near-zero data loss
  - Reduced downtime
  - Maximum flexibility in policy and SLA definition
  - Automated failover and failback

- **Opex and Data Efficiencies = Lower TCO**
  - Agentless deployment
  - Reduced data footprint
  - Eliminate multiple point-products
  - Protect against Ransomware
  - As-a-service option*

*Roadmap
## Specifications

### Core Platform Capabilities
- Web-scale
- Non-disruptive upgrades and scale-out
- Data resiliency
- 2-node FTT support
- Rack/chassis awareness

### SiteContinuity Features
- Failover automation and orchestration
- Continuous data protection
- Non-disruptive DR testing
- Unlimited clones and snapshots
- Asynchronous replication
- Instant mass restore
- Instant volume mounts
- Granular recovery of files, folders, and objects

### Supported Workloads
- VM (VMware Standard and above, v6.5, v6.7)
- NAS Views on Cohesity

### Capacity Optimization
- Erasure coding and small file efficiency
- Global variable-length dedupe
- Compression
- Support automation
- Pre-built and custom reports
- Unified policy definition

### Manageability
- Multi-cluster SSO
- RBAC
- MFA
- Global dashboard
- Automated global indexing
- Wildcard searches across files and VMs
- Support automation
- Pre-built and custom reports
- Unified policy definition

### Global Search
- RESTful API
- PowerShell
- Python SDK
- Automated global indexing
- Wildcard searches across files and VMs
- Support automation
- Pre-built and custom reports
- Unified policy definition

### Integration and Automation
- AES-256 Encrypted (In-flight, at rest)
- ML-based anomaly detection
- Physical certified nodes
- Virtual cluster

### Security
- Physical certified nodes
- Virtual cluster

### Flexible Deployment**
- Requires a physical cluster at source. Current version supports site-to-site DR orchestration, site-to-cloud and cloud-to-cloud on roadmap

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*Roadmap

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Learn more at [Cohesity.com/products/sitecontinuity/](https://Cohesity.com/products/sitecontinuity/).