SOLUTION BRIEF

Monitor Purity ActiveDR™ with Pure1®

Achieve new levels of availability and visibility across your data center, metro region, or globally.

Modernization and innovation are the cornerstones of infrastructure strategy. Toward those goals, Pure Storage® has enhanced our continuous-replication strategy with the introduction of ActiveDR in the Purity//FA 6.0 operating environment. By monitoring ActiveDR and connected Pure FlashArray™ storage with the Pure1® platform, you can quickly and easily take full advantage of continuous replication, near-zero RPO, and simplified disaster recovery. Protect application data seamlessly with geo-distance resiliency, minimize data loss, and accelerate response to business outages.

Built with Disaster Recovery Workflows in Mind

Pure built ActiveDR with disaster recovery workflows in mind, as well as your need to continuously and actively protect application data. You can easily perform workflows such as test failover, real failover, resync, and failback with no stopping of replication and minimal impact to business (within expected RPO). With ActiveDR, you can protect multiple applications with a single integrated protection strategy.

Figure 1. Effortlessly Monitor ActiveDR with Pure1

ActiveDR Global Fleet View with Pure1

- Get a simple and comprehensive view of RPO, availability, and status across all configured pods through Pure1.

- Access intuitive functionality simply and instantly with Pure1, a cloud-based SaaS platform.

Near-zero RPO

- Achieve near-zero RPO without performance impact of an enforced zero-RPO solution.
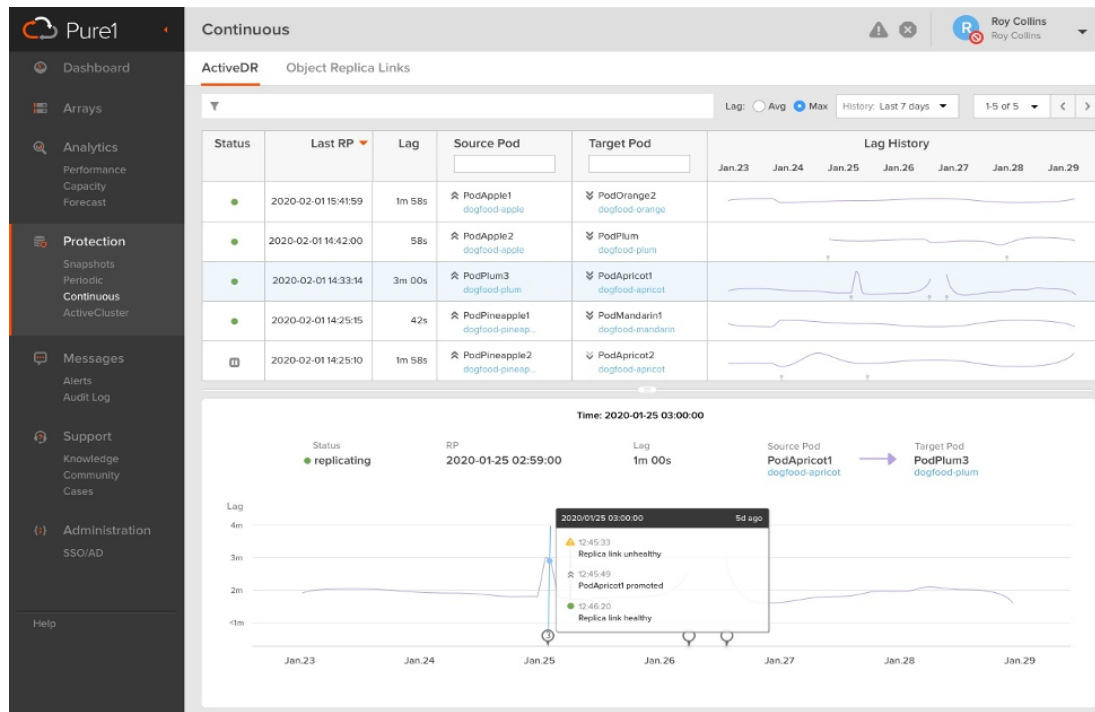
No Bolt-ons and No Licenses

- Simply upgrade the Purity Operating Environment and go ActiveDR!

Effortlessly Monitor ActiveDR with Pure1

Once you upgrade to Purity//FA 6.0, you can immediately use Pure1 to monitor ActiveDR connected to Pure FlashArray Storage. With Pure1, get visibility of your ActiveDR replica links to assess the data protection environment across the fleet. This new capability provides a global view of your replication policies, where they reside, and whether they are in compliance. Pure1 makes it extremely simple to monitor and access information for ActiveDR and Pure FlashArray systems. Your storage administrators gain a single view across the fleet for simplified monitoring of the health of your disaster recovery setup.

Figure 2. ActiveDR and Pure1 provide fleet-wide information from a single pane of glass.

Simply enable the telemetry data from the FlashArray system to Pure1 to get started with ActiveDR. Pure1 makes it simple to manage, monitor, and troubleshoot. As shown in Figure 2, key characteristics include:

- **Centralized Monitoring:** Monitor fleet-wide view of replica links with the single pane of glass.
- **Monitor RPO and Lag Time:** Pure1 continuously monitors RPO and lag time between FlashArray systems to make sure there is no impact on business continuity and performance of applications.
- **Replication Status:** Monitor the status of replication between FlashArray systems and understand their health to quickly retrieve and restore data in case of an on-site disaster.
- **Needle in the Haystack:** Troubleshoot the fleet-wide view of replica links by identifying the root cause of the problem.
- **ActiveDR Operations:** ActiveDR allows the creation of an active-passive data replication relationship between two pods in two separate FlashArray systems. Pure1 makes it easy to identify the state of replica links (promoted or demoted).

Additional Resources

- Learn More About Pure1
- Purity ActiveDR Data Sheet
- Purity ActiveDR White Paper
- Pure Storage Business Continuity Solutions

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