Automated DR Orchestration to the Cloud

Protecting and recovering critical data so there is minimal impact to your business if a disaster strikes is paramount. However, maintaining a secondary DR site and replicating data to ensure minimum data loss can be both expensive and time consuming.

Enterprises can forgo this cost and burden with Rubrik’s natively integrated orchestrated DR. Polaris AppFlows provides orchestration of failover/failback, testing, and cloud migration to radically simplify disaster recovery. As a result, IT can eliminate multiple point solutions, management complexity, and unnecessary costs with a single platform that unifies backup, replication, continuous data protection with DR orchestration.

**SINGLE-CLICK MOBILITY**
Migrate multi-tiered applications to and from the cloud with a single click. Failover and failback – data center to cloud. Achieve RTOs of minutes.

**POLICY-DRIVEN SIMPLICITY**
Define blueprints that capture an application’s underlying dependencies and configurations. Deliver consistent policy protection and migrations.

**CLOUD AGILITY AND SAVINGS**
Gain business agility by using the cloud for DR and eliminate the cost of a secondary DR site. Take advantage of a lightweight on-demand infrastructure for DR.

Polaris AppFlows orchestrates the migration of applications from data to cloud to automate planned and unplanned failover/failback for disaster recovery, testing, and cloud migrations.

1. Define Blueprint
2. Replication
3. One-click Failover to Cloud
4. Cloud-native protection
5. One-click Failback

**Blueprint**

**Replication**

**SLA Policy Engine**

**AMI EC2**
1. Define a Blueprint, which contains information on the application’s VM recovery sequence and resource configurations (compute, storage, network). Blueprints provide management simplicity and orchestration at the application-level.

2. VM snapshots are replicated to your AWS account based on the set SLA policy and converted into ready-to-go AMIs.

3. Failover to the cloud with a single click. Rubrik recommends cloud resources for instantiation after analyzing the application’s resource needs. Achieve near-instant RTOs with Rubrik’s VM-to-AMI conversion technology. AMIs are powered on an EC2 instance within an AWS VPC.

4. Protect your AWS environment with cloud-native protection (EBS snapshots) that applies the original SLA policy used on-prem.

5. Failback to your on-prem data center with another click.

No installation required. Polaris AppFlows (DR orchestration) is natively integrated into the Rubrik platform from day 1. The Polaris SaaS platform provides a single UI to manage all your data protection policies (backup, archival, replication and DR).

Demonstrate DR Readiness with Automated Compliance Reporting

App Flows provides automated reporting following the execution or test of a failover and failback. The post-recovery documentation allows you to demonstrate disaster recovery readiness. In the event of an error, App Flows’ reporting helps you identify and troubleshoot issues. Test your failover and failback plans as frequently as required, to satisfy and audit needs.