Using Veeam Cloud Tier to Restore to VMware Cloud on AWS

Native Services Integration: Amazon S3, Direct Connect, and Route 53

A generic, cost-effective solution for existing VMC customers.

1. Amazon Route 53 handles DNS requests to the primary data center.
2. The Veeam Backup & Replication server (VBR) backs up workloads to the Scale Out Backup Repository (SOBR).
3. Local data from the SOBR Performance Tier offloads to the Capacity Tier in S3 through AWS Direct Connect or the internet.
4. The recovery process launches and configures the VMware SDDC cluster in the designated AWS recovery region through web portal automation scripts using vRA, AWS CloudFormation, or vCLI.
5. A new VBR instance with SOBR is deployed and configured within the newly created SDDC.
6. Previous data stored in S3 is detected. The initial metadata and archive index sync is executed.
7. Workloads recovered into the SDDC cluster and services are brought back online.
8. Route 53 record setting updates to resolve requests to the new secondary DC in the cloud.