I need step by step instructions to setup and Archival process in S3. Here are some of my requirements

1. Create a new AWS account. Admin and a User Account.
2. Create a VPC, Security Groups, Elastic IP, Private Subnet
3. Create a S3 Bucket in US-east-1 and would like to replicate the data in another data center with in the same region
4. Add a firewall inbound and outbound rule such that the traffic to the S3 bucket from specific IP addresses.
5. I have data organized into different folders and sub folders and I would like the data to be auto deleted after the retention period is over and also my plan is to organize the data in folders based on the expiration date. So that I can set the folder level purge after the expiration date. I have data expiring after year1 and year3 and year7 and year10.
6. Steps to transfer data from on-prem to AWS S3 securely. Approx. 10 TB data.
7. I would like to go with Storage Class S3 Standard.
8. The data need to be encrypted and yearly Key Rotation should be in place and also would like key rotation process outlined clearly.
9. I would like to enable versioning.
10. I would like to configure IAM AccessControl with 2 roles Administrator and User. The administrator should have full control over data and also the Administrator should have an option to create users who can do selected actions like get actions and read-only policy in place.
11. The data has PII and monitoring is critical I would like to Enable Cloud Trail.
12. Setup an AWS Cloud watch Alarm for all kinds of requests GET, POST, Update and delete actions.
13. Notify Admin and Users on Access Events
14. Need Data Integrity Monitoring. Enable S3 Object lock and Checksum validation.
15. Run Regular IAM policy check using AWS Access Analyzer.
16. Data expiry notification a month before expiry to Administrator and Users user the following email [Admin@company.com](mailto:Admin@company.com) and [user@company.com](mailto:user@company.com)
17. Set a cloud watch rule to trigger at the 10-year mark. With information to delete the specific AWS S3 bucket and all its associated services and also the account.
18. Also compute the total cost of ownership.
19. The Administrator should receive detailed cost of month bill for all the services that are being used.
20. Also steps to tear down the environment after 10 year mark.

I need comprehensive detailed steps including script AWS CLI preferably that can be executed with AWS CLI and also add to the above steps if anything that I might have missed.

Does creating replication bucket doubles the cost?