

B.As time passes, the log files for your application have piled up, and the machine is running out of storage. Briefly describe how you would resolve this in a short paragraph, taking into considerations that:

a.On rare occasion, logs up to 3 months old are required for troubleshooting /investigations

We can archive the logs in daily basis on linux server for a month, so easily we can read the logs from archive for any troubleshooting. These logs will be less in size which we can maintain in linux server. After 1 month, we will moved these archive logs to S3 Standard Bucket using a cron job and we will enable S3 Lifecycle Policy to store these logs for 3 months for troubleshooting. And then moved to S3 Glacier.

b.Audit requirements dictate that logs are to be kept for at least 7 years

We can enable S3 Lifecycle Policy to move these logs from S3 Standard Bucket to S3 Glacier Deep Archive for 7 years. We can enable CloudTrail and configure to S3 bucket and Glacier which will help to pull the logs for Audit.

c.The machine is currently storing 6 months worth of logs, and would run out of storage within the week. Increasing storage is not an option within the next 12 months

We can enable logrotation script which will archive the monthly logs and keep it latest 5 months in linux machine. And moved the logs greater than 5 month to S3 Bucket. We will enable S3 Lifecycle Policy for required months and then moved to S3 Glacier.