# Log Data Migration Rationale

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| Factor | Rationale |
| Data Retention | The application support team is comfortable with retaining only 30 days of log data within the on-premises system. |
| Older Data Access | Any data beyond 30 days will be migrated to AWS S3. If needed, the support team can query historical logs using Amazon Athena. |
| Storage Optimization | Migrating older logs to S3 helps optimize on-premises storage and ensures efficient log management. |
| Querying Mechanism | Athena provides a cost-effective and scalable way to analyze historical logs stored in S3 without impacting on-prem performance. |