|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Activity/Task | Milestone (Y/N) | Duration | Predecessor |
| 1. | Identify data to be archived | Y |  | Readiness of target archive repository- structure and contents |
| 2.  | Optionally copy the identified data to a history table | N | 90 min | Data to be archived identified (1) |
| 3. | Delete identified data from production database | Y | 30 min | (2) |
| 4. | Validate archived data | Y | 60 min | Data copied in archive repository (2) |

**Archive data from production based on thresholds to target archive repository**

**Retrieve data from archive repository and release for consumption**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Activity/Task** | **Milestone (Y/N)** | **Duration** | **Predecessor** |
| 5.  | Create index | Y | 30 min | Archive enable data (2) |
| 6. | Retrieve appropriate document using Doc id and archive\_id | N | 60 min | Index has been created (5) |

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| --- | --- | --- | --- | --- |
| S.No. | Activity/Task | Milestone (Y/N) | Duration | Predecessor |
| 1. | Identify data to be archived | Y | 30 min | Readiness of target archive repository- structure and contents |

**Purge data from a repository**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Activity/Task** | **Milestone (Y/N)** | **Duration** | **Predecessor** |
| 7. | Drop all indexes from to-be purged tables | Y | 30 min | Have system privilege (5) |
| 8. | Use PURGE command to delete  | Y | 90 min | SYSDBA system privilege (7) |
| 9.  | Re-organize tables | Y | 30 min | (8) |

**Recommendations on consolidating trainings, performance testing and shared environment**

* For successful consolidated trainings, performance testing and shared environment IT laboratories should be run.
* IT Labs include all technologies required to support organizational efforts. Especially in production training environments need to have up-to-date technologies.
* In an ideal situation, organization needs to have unified infrastructure that would support all services. Production environment can be consolidated to a single system with development and testing environments deployed together on a single system.
* In this scenario, the testing and quality assurance environment can replicate all or a portion of the production system. Performance testing can be difficult in shared environment as such environment lacks exact simulation of business requirements.
* Hence, measures should be taken to look at the test environment carefully and plan for load execution at times when there are fewer loads on system resources.