

Performance Test Report for Execution of Expiring Batch Job with 10% of Peak enrollments per day

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Summary

This report presents the observations and findings of the Expiry batch job execution in which Expiring 2080 enrollments (i.e. 10% of Peak enrollments per day as per workload modelling document is 20800 and 2600/hour)

The objective of this batch job execution was to observe and record the behavior of the batch job for expiring the 2080 booked appointments with existing expired data

Below are the scenario details:

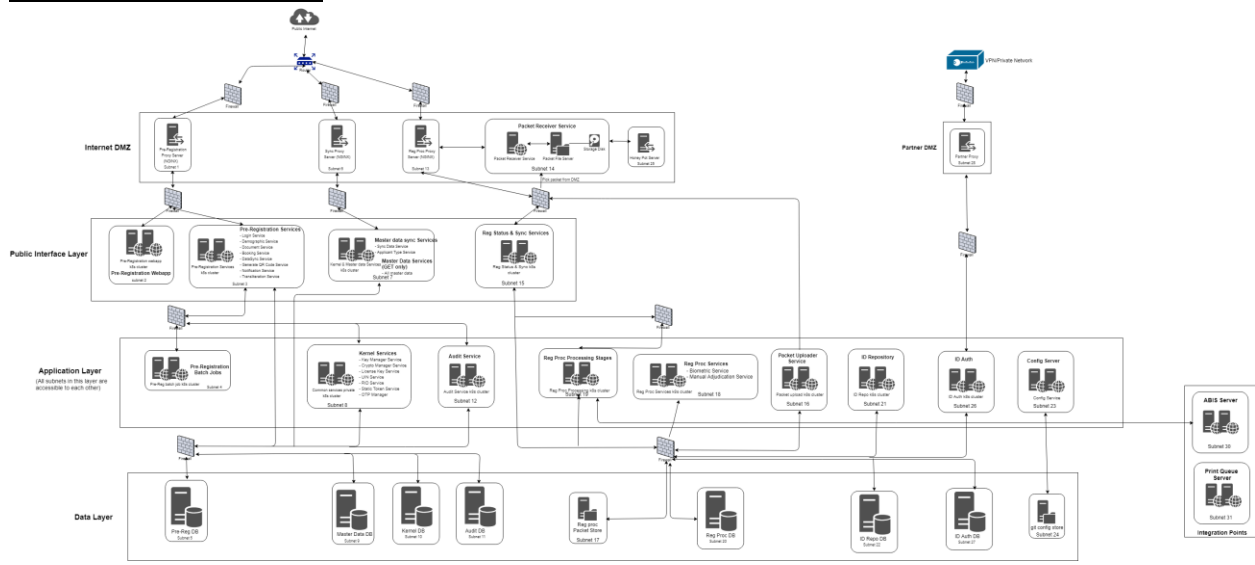
Batch job execution Name:

Expiring 2080 enrollments (i.e.10% of Peak enrollments per day in workload modelling document is 20800 and 2600/hour)

Steps:

- 1) Create book appoints test data of 20800 (which is per day enrollments)
- 2) 10% of the booked appointments (20800) are expired is 2080
- 3) Run the expiry batch job
- 4) Calculate the batch job execution time
- 5) Checking the functionality of batch job
- 6) Raising a Jira ticket for functionality issues of batch job if any

Test Environment



Before running expiry batch job below are the details:

- Total number of Booked appointments =20800
- Total number of records which changed to yesterday's date (11th oct) =2080 (10% of Peak booked appointments)
- Total number of expired appointments currently in DB =0

Batch job execution status:

instance_id	Create_Time	Start_Time	End_Time	Execution Time	Status
175	2019-10-11 12:59:53.748	2019-10-11 12:59:53.759	2019-10-11 12:59:54.089	00:00:01	COMPLETED*

Batch job execution completed with below message:

PRG_PAM_BAT_001 --> No pre registration id found to update status



After running expiry batch job execution:

- Total number of Booked appointments =20800
- Total number of records which changed to yesterday's date (11th oct) i.e.
Total number of expired appointments in DB =2080
- Total number of expired appointments currently in DB =0

Conclusion and Next Steps

Expiry batch job this scenario taken **00:01** sec to complete execution and the appointments booked for earlier dates were not expiring ,The expiry batch job is not working raised defect <https://mosipid.atlassian.net/browse/MOS-29675> which is blocker for us to proceed for the executions of expiry and consumed batch jobs ,Once this blocker is resolved we will proceed for further batch executions.