PostgreSQL Post-Migration Performance Checklist

Work through each action in order. Mark an item done only when its completion condition is met.

Action	Done when
Capture a baseline with `pg_stat_statements`	Top ten queries recorded with mean and total time
Refresh statistics with `vacuumdb --all --analyze-in-stages --jobs=N` (or `--missing-stats-only` on PG 18)	Every table shows a `last_analyze` timestamp
Rebuild extended statistics and partitioned parents	`ANALYZE` completed on each
Review `shared_buffers`, `work_mem`, `random_page_cost`, `effective_cache_size`	`pg_settings` matches the sizing plan
Run `VACUUM (VERBOSE, ANALYZE)` on freshly loaded tables	Dead tuples near zero
Set per-table autovacuum thresholds on the largest tables	Autovacuum logs show regular activity
Align data types and rebuild indexes	Plans use expected indexes
Update extensions with `ALTER EXTENSION ... UPDATE`	`installed_version` equals `default_version`
Re-run the baseline and compare	Top queries meet or beat pre-migration timings