

SQL Server → PostgreSQL Migration Pack

Readiness checklist — 20 checks across 5 categories. Nothing proceeds until every box is honestly ticked.

Pack	SQL Server → PostgreSQL Migration Pack
Document	Readiness checklist (20 items)
Use	Gate reviews · phase entry criteria · go/no-go
Date	2026-09

AnovaCloud — Engineering the AI-Native Enterprise. Frisco, Texas. This pack is a working instrument, not a brochure: complete it with your team, score honestly, and bring it to your discovery call. © 2026 AnovaCloud.

PRE-MIGRATION INVENTORY

Pre-migration inventory

☐

Estate inventory complete

Every instance, database, version, edition, and size documented and validated against monitoring — including dev/test.

☐

Feature scan run per database

Automated scan for CLR, Service Broker, filestream, replication, and other SQL Server-only features; results attached per database.

☐

Application dependency map

Every connecting application identified with owner, data-access pattern, and change-window tolerance.

☐

License baseline captured

Current annual SQL Server spend documented as the business-case baseline.

SCHEMA CONVERSION READINESS

Schema conversion readiness

- ☐ **Conversion tooling selected**
Schema conversion approach chosen (e.g., AWS SCT, ora2pg, manual) and piloted on a representative schema.
- ☐ **T-SQL remediation backlog**
Every non-convertible construct logged as a backlog item with owner and estimate — no silent manual fixes.
- ☐ **Data-type mapping approved**
Type mappings (datetime2, money, hierarchyid, etc.) reviewed and signed off by application owners.
- ☐ **Collation & encoding decided**
PostgreSQL collation, encoding, and locale choices documented; sort-order differences tested.

DATA MIGRATION READINESS

Data migration readiness

- ☐ **Migration method per wave**
Full-load + CDC vs. dump/restore vs. logical replication chosen per wave based on size and downtime budget.
- ☐ **Replication lag SLO defined**
Maximum acceptable CDC lag during dual-run, with alerting configured before the first wave.
- ☐ **Data validation harness ready**
Row-count, checksum, and spot-query comparisons automated — not eyeballed.
- ☐ **Dual-run operations planned**
Staffing and runbooks for the period both systems run in parallel.

CUTOVER READINESS

Cutover readiness

- ☐ **Downtime budget signed**
Business owners have signed the cutover window per workload; no verbal agreements.
- ☐ **Rollback rehearsed**
Rollback procedure executed at least once in a non-prod rehearsal, with timings recorded.
- ☐ **Connection flip plan**
DNS, connection strings, secrets, and firewall rules sequenced; who flips what, in which order.
- ☐ **Go/no-go criteria**
Objective go/no-go gates (lag, validation, app smoke tests) defined before cutover day.

POST-CUTOVER OPERATIONS

Post-cutover operations



PostgreSQL runbooks live

Backup/restore, failover, vacuum, and incident runbooks written for the new platform.



Monitoring cut over

Dashboards and alerts migrated; SQL Server-era thresholds re-baselined for PostgreSQL.



Performance baseline captured

Pre/post query performance compared on production-like load; regressions have owners.



Decommission plan

SQL Server decommission dates, license true-down, and data-retention handling scheduled.

SIGN-OFF

Checked means done, not planned

Each category owner initials when every item is complete with evidence attached. Items marked N/A need a written reason — 'not applicable' without justification scores as incomplete.

Pre-migration inventory	Owner _____	Date _____
Schema conversion readiness	Owner _____	Date _____
Data migration readiness	Owner _____	Date _____
Cutover readiness	Owner _____	Date _____
Post-cutover operations	Owner _____	Date _____