idpulse

From the leading experts in IAM/IAG

Measured performance of five core operations

This factsheet shows how long idpulse takes to create and reconcile identities, assign access, generate certification campaigns and detect SoD violations.

ACCESS ASSIGNMENT

19.79M assignments in 30 min 36 s

An access-policy rule is evaluated across the workforce, and every grant it implies is created. Measured on a 100,000-user tenant.

GRANTS	ELAPSED
1.08M	2:48
9.89M	15:31
19.79M	30:36

Elapsed time scales linearly with volume; throughput is constant.

CERTIFICATION CAMPAIGN

19.88M review items in 8 min 48 s

A campaign produces the items reviewers attest: one review item per user, one decision per grant. Measured on a 100,000-user tenant.

ITEMS	ELAPSED
1.17M	1:22
9.98M	4:26
19.88M	8:48

Elapsed time scales linearly with volume; throughput is constant.

SOD DETECTION

100 rules across 100,000 identities in 2 min 2 s

Every identity is checked against each rule in a single pass, so rule count adds little.

RULES	TIME
1 rule	30.1 s
100 rules	2:02
each added	~0.93 s

INITIAL IDENTITY CREATION

10M identities in 2 h 31 min

Creating an identity writes its complete profile: the identity, the real-world party behind it and its full attribute set of about 102M attributes, with an audit-log and change-history entry for every write.

ROW TYPE	ROWS
Identities	10,000,041
Parties	10,000,051
Identity attributes	72,001,027
Party attributes	30,000,210

IDENTITY RECONCILIATION

10M identities reconciled in 16 min 31 s · ~10,000/s

Every source record is re-read, matched to its identity, and changes applied. Unchanged records are matched and skipped without a write, which keeps ongoing reconciliation an order of magnitude faster than the initial build.

Measured on a single Apple Mac (M4), PostgreSQL 17, single node, with full durability: the write-ahead log is flushed on every commit, and audit and change-history triggers are active throughout.