Runbook: rotating the orders database password

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When to use this runbook

The `orders-app` database role gets a new password **every 90 days**. Rotate it early in any of these cases:

- Someone with production database access leaves the company.
- The password shows up in a log, a ticket or a chat message.
- Security asks for it during an incident.

Before you start

1. Announce the rotation in the *#platform-changes* channel.
2. Check that replication lag on the read replicas is under 5 seconds.
3. Confirm you hold the `db-admin` role in Vault.

Steps

1. Issue the new password

```
vault write -f database/rotate-role/orders-app
```

2. Restart the API so it reads the new secret

```
kubectl -n orders rollout restart deployment/orders-api
```

Pods pick up the new password as they restart. The old one keeps working for 15 minutes, which covers a normal rollout.

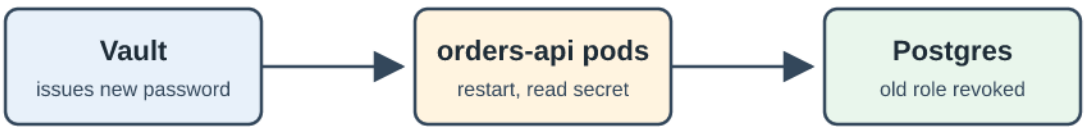


Figure 1. Credential rotation for the orders database

Checks

Check	Where	Expected

Pods ready	kubectl -n orders get pods	All 6 Running
Login errors	Dashboard "Orders DB auth"	0 after 10 minutes
Checkout test	Synthetic check "place-order"	Passing

Rollback

If login errors keep climbing after 10 minutes, restore the previous secret version with `vault kv rollback` and restart the API again. Full details are on the orders database wiki page.