



- SBOM generation
- Approved registries only

3. **Hardening:**

- Distroless/minimal base images
- Non-root users
- Read-only filesystems where possible

Secrets management

Options:

1. **Kubernetes Secrets:**

- Base64 encoded (not encrypted)
- Etcd encryption available
- Simple integration

2. **External Solutions:**

- HashiCorp Vault with injector
- AWS Secrets Manager + CSI driver
- Azure Key Vault

Vault Example:

yaml

Copy

```
apiVersion: secrets-store.csi.x-k8s.io/v1
kind: SecretProviderClass
metadata:
  name: db-secrets
spec:
  provider: vault
  parameters:
```



Message DeepSeek



DeepThink (R1)



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