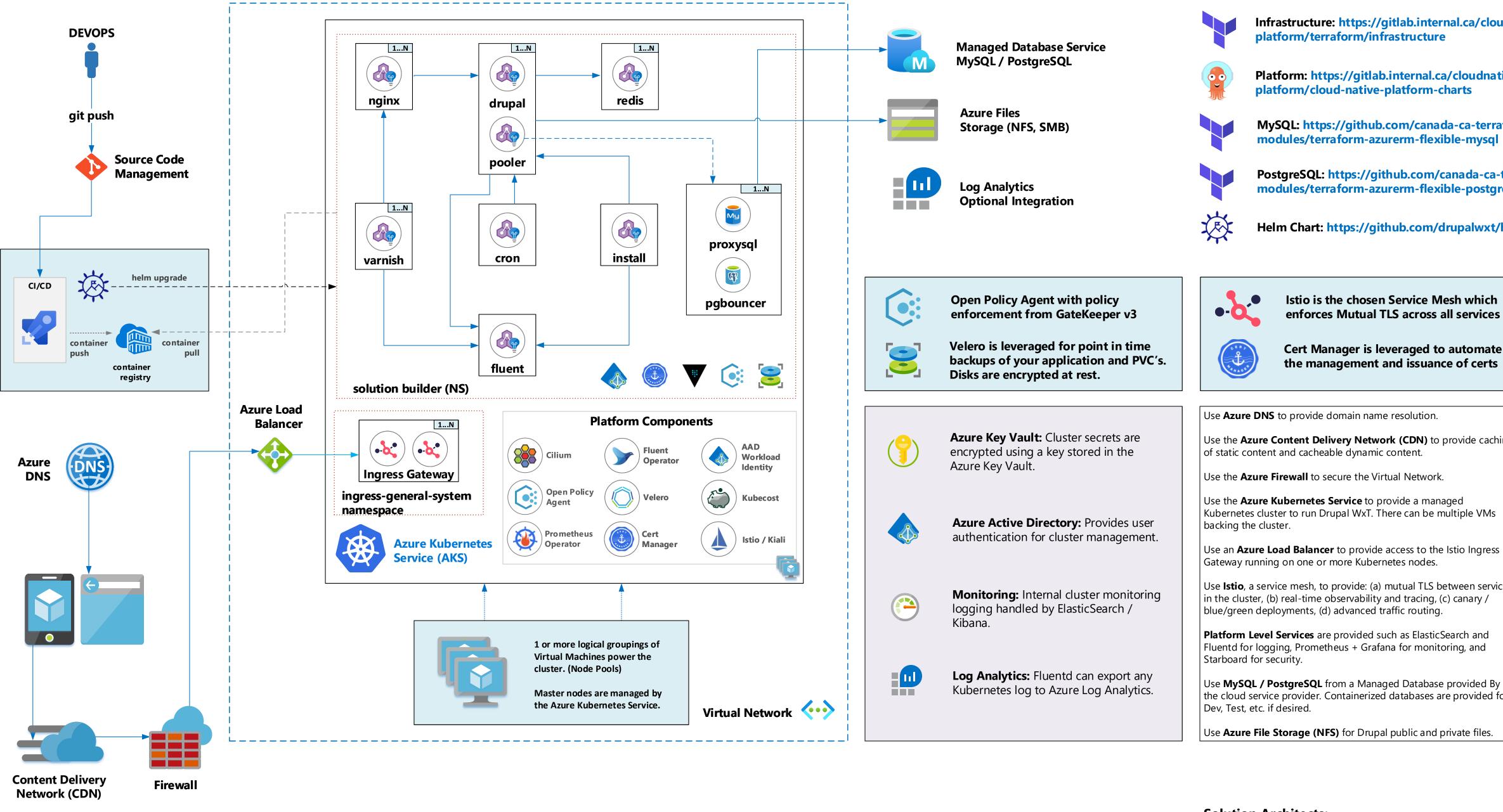


## **Drupal Cloud Native**



Infrastructure: https://gitlab.internal.ca/cloudnative/

Platform: https://gitlab.internal.ca/cloudnative/ platform/cloud-native-platform-charts

MySQL: https://github.com/canada-ca-terraformmodules/terraform-azurerm-flexible-mysql

PostgreSQL: https://github.com/canada-ca-terraformmodules/terraform-azurerm-flexible-postgresql

Helm Chart: https://github.com/drupalwxt/helm-drupal

Istio is the chosen Service Mesh which

**Cert Manager is leveraged to automate** the management and issuance of certs

Use the **Azure Content Delivery Network (CDN)** to provide caching

Use the **Azure Kubernetes Service** to provide a managed Kubernetes cluster to run Drupal WxT. There can be multiple VMs

Use an **Azure Load Balancer** to provide access to the Istio Ingress

Use **Istio**, a service mesh, to provide: (a) mutual TLS between services in the cluster, (b) real-time observability and tracing, (c) canary /

**Platform Level Services** are provided such as ElasticSearch and Fluentd for logging, Prometheus + Grafana for monitoring, and

Use **MySQL / PostgreSQL** from a Managed Database provided By the cloud service provider. Containerized databases are provided for

Use **Azure File Storage (NFS)** for Drupal public and private files.

## **Solution Architects:**

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