



- Use **Azure DNS** to provide domain name resolution.
- Use the **Azure Content Delivery Network (CDN)** to provide caching of static content and cacheable dynamic content.
- Use the **Azure Firewall** to secure the Virtual Network.
- Use the **Azure Kubernetes Service** to provide a managed Kubernetes cluster to run Drupal WxT. There can be multiple VMs backing the cluster providing som
- Use an **Azure Load Balancer** to provide access to the Istio Ingress Gateway running on one or more Kubernetes nodes.
- Use **Istio**, a service mesh, to provide: (a) mutual TLS between services in the cluster, (b) real-time observability and tracing, (c) canary / blue/ green deployments, (d) advanced traffic routing.
- Other platform services: ElasticSearch and Fluentd for logging, Prometheus + Grafana for monitoring, Velero for backups.
- Use **MySQL** cluster controlled by the MySQL operator. Or, alternatively, use a cloud provided Database service.
- Use **Azure Blob Storage** for Drupal public and private files.