

AtScale Helm Chart External Dependencies

AtScale is installed via Helm chart, which provides the necessary configuration parameters and dependencies for your installation. The chart also includes all of AtScale's external dependencies, which are leveraged for different core functionalities within the platform.

Each external dependency has its own Helm chart, which can be configured separately from AtScale. However, in most cases, AtScale recommends using the default values.

The following table lists these dependencies and their purpose, and includes links to their Helm charts.

Component	Helm Chart	Purpose
Kong	https://artifacthub.io/packages/helm/kong/kong	Ingress controller
Keycloak	https://artifacthub.io/packages/helm/bitnami/keycloak	Authentication (AtScale Identity Broker)
MinIO	https://artifacthub.io/packages/helm/bitnami/minio	Object storage
Grafana	https://artifacthub.io/packages/helm/bitnami/grafana	Open observability platform
Grafana Loki	https://artifacthub.io/packages/helm/bitnami/grafana-loki	Log aggregation
Grafana Tempo	https://artifacthub.io/packages/helm/bitnami/grafana-tempo	Distributed tracing backend
Grafana Mimir	https://artifacthub.io/packages/helm/bitnami/grafana-mimir	Object storage
Vault	https://artifacthub.io/packages/helm/hashicorp/vault	Secret manager
Promtail	https://artifacthub.io/packages/helm/grafana/promtail	Gathers and sends logs to Loki

Redis	https://artifacthub.io/packages/helm/bitnami/redis	Caching
Gitea	https://artifacthub.io/packages/helm/bitnami/gitea	Git hosting
OpenTelemetry Collector	https://artifacthub.io/packages/helm/opentelemetry-helm/opentelemetry-collector	Telemetry pipelines
PostgresSQL HA	https://artifacthub.io/packages/helm/bitnami/postgresql-ha	Data storage