



Command-line options

Astra Trident

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Command-line options

Astra Trident exposes several command-line options. You can modify them in your deployment.

Logging

- `-debug`: Enables debugging output.
- `-loglevel <level>`: Sets the logging level (debug, info, warn, error, fatal). Defaults to info.

Kubernetes

- `-k8s_pod`: Use this option or `-k8s_api_server` to enable Kubernetes support. Setting this causes Trident to use its containing pod's Kubernetes service account credentials to contact the API server. This only works when Trident runs as a pod in a Kubernetes cluster with service accounts enabled.
- `-k8s_api_server <insecure-address:insecure-port>`: Use this option or `-k8s_pod` to enable Kubernetes support. When specified, Trident connects to the Kubernetes API server using the provided insecure address and port. This allows Trident to be deployed outside of a pod; however, it only supports insecure connections to the API server. To connect securely, deploy Trident in a pod with the `-k8s_pod` option.
- `-k8s_config_path <file>`: Required; you must specify this path to a KubeConfig file.

Docker

- `-volume_driver <name>`: Driver name used when registering the Docker plugin. Defaults to `netapp`.
- `-driver_port <port-number>`: Listen on this port rather than a UNIX domain socket.
- `-config <file>`: Required; you must specify this path to a backend configuration file.

REST

- `-address <ip-or-host>`: Specifies the address on which Trident's REST server should listen. Defaults to localhost. When listening on localhost and running inside a Kubernetes pod, the REST interface isn't directly accessible from outside the pod. Use `-address ""` to make the REST interface accessible from the pod IP address.
- `-port <port-number>`: Specifies the port on which Trident's REST server should listen. Defaults to 8000.
- `-rest`: Enables the REST interface. Defaults to true.

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