

TaRDIS - configuration dissemination tool

Software Requirements

1. [Git](#)
2. [Docker](#)
3. [Docker Compose](#)

Installation Instructions

- Place the `tools` directory in the same directory you wish the source code to be downloaded
- Run `install.sh`

Configuration and Setup

- [optional] System configuration may be changed by updating the contents of the `.env` file. You can set ports the services are listening on, as well as node registration parameters. You can also choose the number of simulated nodes.
- To start both the control plane and node agents, run `start.sh`
 - note for MacOS users: before running the script, install `findutils`:
`brew install findutils`
- You can interact with the system via any tool that supports gRPC, such as Postman or gRPCurl. In the future, a REST API will be facing the clients.
- To stop both the control plane and node agents, run `stop.sh`

Basic Functionality

- User registration and authentication and organization registration
- Assigning users as members of organizations
- Managing access control policies inside an organization
- Selecting nodes from a node pool and transferring ownership to the organization
- Managing organization-owned node labels
- Managing namespaces
- Creating and versioning configuration groups
- Applying a configuration group version to a namespace and disseminating it to query-matched nodes