

# Configuring Ports

For security reasons, you may need to change AtScale ports from the default. You can make these configuration changes in `atscale.yaml`, following the procedure below.

## Before You Begin

For the following procedure, you must have an AtScale installation of version 7.4.0 or above.

## Procedure

1. If AtScale is not already running, then as the `ATSCALE_USER` user ( `atscale` by default), run the installed AtScale's `configurator.sh` script in `--first-time` mode.

If you don't want to fully configure yet, answer 'n' when prompted with 'Do you wish to apply this configuration? (y/N):'. This will generate the `/opt/atscale/conf/atscale.yaml` file and exit before configuring services.

```
/opt/atscale/current/bin/configurator.sh --first-time
```

2. Open `/opt/atscale/conf/atscale.yaml`.
3. Edit `/opt/atscale/conf/atscale.yaml` to override port entries that need to be changed in the following sections:

- ▲ `engine.ports`
- ▲ `modeler.ports`
- ▲ `virtualization.supervisor`
- ▲ `virtualization.worker`
- ▲ `virtualization.listener.port`

The current port defaults are listed in the example below:

```
engine:
  ports:
    http: "20502"
    remoting: "20507"
modeler:
  ports:
    http: "20500"
    authorization: "20503"
virtualization:
  virtualization_supervisor:
    ui_port: "10530"
    driver_port: "10531"
    manager_port: "10532"
    master_port: "10533"
    master_webui_port: "10534"
  virtualization_worker:
    worker_port: "10535"
    worker_webui_port: "10536"
  virtualization_listener:
    port: "10511"
```

4. Run `configurator.sh` to apply the configuration change:

```
/opt/at scale/current/bin/configurator.sh --apply
```