

# Setting the License

dotTEST can run on either a local or a network license. The license type can be configured in the `.properties` configuration file in the `INSTALL_DIR` (or another location; see [Configuration Overview](#) for details).

## Network License

Typically, the the network license is stored on the same DTP server that you configured for your development testing workflow (see [Connecting to DTP](#)). There are two types of the network license:

- `dtp`: This type of license is stored directly in DTP. Your DTP license limits analysis to the number of files specified in your licensing agreement.
- `ls`: This type of license is stored in License Server deployed on your DTP. This is a "floating" or "machine-locked" license that limits usage to a specified number of machines. This is the default type when `license.use_network` is set to `true`.

Network licenses are available in three editions that determine what functionality is available:

- `desktop_edition`: Functionality is optimized for desktop usage.
- `desktop_compliance_edition`: Functionality is optimized for desktop usage and configured to support compliance with coding standards.
- `server_edition`: Functionality is configured for high-performance usage in server command line mode.
- `server_compliance_edition`: Functionality is configured for high-performance usage in server command line mode and includes support for compliance with coding standards.
- `custom_edition`: Functionality can be customized.

To configure the network license, specify the following settings in the `.properties` file:

1. Set the `dottest.license.use_network` property to `true`.
2. Set the `dottest.license.network.type`.
3. Set the `dottest.license.network.edition`.
4. Ensure that the connection with DTP is configured; see [Connecting to DTP](#).

## Advanced Network License Configuration

You can configure dotTEST to obtain the network license from another instance of DTP or a standalone License Server.

1. Enable the connection by configuring the following settings:

```
-dottest.license.network.type=ls
-dottest.license.use_network=true
```


2. Configure the following settings to use a license from a standalone License Server or from another DTP:

### DTP

```
-license.network.enabled=true
-license.network.auth.enabled=true
-license.network.host=<hostname where DTP is deployed>
-license.network.port=<port number for your DTP server> – typically, a HTTPS port, for example 443 or 8443
-license.network.user=<username for DTP authentication>
-license.network.password=<password for DTP authentication>
```

### License Server:

```
-license.network.enabled=true
-license.network.host=<hostname where License Server is deployed> – typically, a Tomcat HTTP port, for example 8080
-license.network.port=<port number for your License Server>
```

 If your server uses the HTTPS protocol, precede the hostname with `https://`.

## Local License

To configure the local license, specify the following settings in the `.properties` file:

1. Set the `dottest.license.use_network` property to `false`.
2. Set the `dottest.license.local.password` property with your password.

## Obtaining the Machine ID

If you are using a local license, you will need your machine ID to request a password from Parasoft. Run the following command from the command line to obtain your machine ID:

```
dottestcli -machineID
```



### Machine ID for Cloud Environments

If you are using Azure or AWS services, you need to configure the `cloudvm` option in the `.properties` configuration file to ensure that your machine ID is properly calculated. You can set the option to one of the following values:

- `azure` - Enables integration with Azure
- `aws` - Enables integration with AWS
- `true` - Enables integration with the automatically detected cloud computing platform
- `false` - Disables integration (the default value)

If you set the value to `false` or if the option is not configured, integration with Azure or AWS is disabled.