

# 3. Upgrading a single instance of NiFi

To upgrade to NiFi 1.0.0, perform the following steps:

1. [Download](#) the latest NiFi release.
2. Install the new release in /opt. Your directory structure should look similar to:

```
/
|--> opt/
|   |--> nifi-existing_version
|   |   |--> LICENSE
|   |   |--> NOTICE
|   |   |--> README
|   |   |--> bin/
|   |   |--> conf/
|   |   |--> docs/
|   |   |--> lib/
|   |   |--> work/
|   |
|   |--> nifi-1.0.0
|   |   |--> LICENSE
|   |   |--> NOTICE
|   |   |--> README
|   |   |--> bin/
|   |   |--> conf/
|   |   |--> docs/
|   |   |--> lib/
|   |   |--> work/
|   |
|   |--> Configuration_resources/
|   |   |--> authorized-users.xml
|   |   |--> flow.xml.gz
|   |   |--> templates/
|   |   |--> custom_lib/
|   |
|--> database_repository/
|--> content_repository_1/
|--> content_repository_N/
|--> flowfile_repository/
|--> NiFi-logs/
|--> provenance_repository_1/
|--> provenance_repository_N/
```

3. Save the `authorized-users.xml` from your older NiFi version, so that NiFi 1.0.0 can use it to populate the values of the `authorizations.xml` and `users.xml` files.
4. Using the values already configured in the following files inside the previous NiFi `conf` directory, update the corresponding lines in the same files under target NiFi directory (`nifi-1.0.0`):

- `bootstrap.conf`
- `logback.xml`
- `nifi.properties`

**Note:**

- Ensure that you make no typos when you are configuring the various paths to your existing repos and the path to the `flow.xml.gz` file in the `nifi.properties` file in the newer release.
- Ensure that you have the same Run As user configured in the `bootstrap.conf` file.
- If no new lines were added to these files, you can copy them directly from an older version to a newer. If you do copy the `nifi.properties` file, update the `nifi.version` number.

5. Verify that all file and directory ownerships for your target NiFi directory match what you set on the previous version.
6. Stop the older NiFi version.

**Note:** You can stop NiFi while files still exist in your dataflows.

7. Before you start the upgraded NiFi nodes, add the location of your `authorized-users.xml` file to `authorizations.xml`, if you want to map your previous authorized users to the new NiFi authentication model.

```
<authorizer>
<identifier>file-provider</identifier>
<class>org.apache.nifi.authorization.FileAuthorizer</class>
<property name="Authorizations File">./conf/authorizations.xml</property>
<property name="Users File">./conf/users.xml</property>
<property name="Initial Admin Identity"></property>
<property name="Legacy Authorized Users File"></property>
```

8. Start your upgraded NiFi version and immediately tail the app log.

- Use the app log to verify that the new NiFi has fully started and begins processing data.
- If it fails to start, you can restart the previous NiFi version while you investigate the cause.

- NiFi is commonly configured to run as a service. Make sure that any path or links for that service are updated to point at the newly installed version's executables now.
- Once you have verified that the new version has started, is processing data, and can be accessed via the UI, you can delete the older version.