

8 - Post-Installation Tasks for NBIA 6.5

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Configuring the CTP Server



CTP directories

- Because a new CTP installation deletes the file server that keeps files submitted to CTP, the CTP Server Directory and CTP File Storage Directory should point to different locations. In other words, it is important that the CTP server directory and the CTP file storage directory are separate.
- If the CTP file storage directory is in a Unix-like environment, be sure to add the system user for the NBIA portal to the write access-group. Failure to do so will cause the Online Deletion and Cron Job Deletion tools to fail to function properly.

To configure the CTP server

1. After installing the CTP client and server, to activate the user authentication in file submission, modify `config.xml` in the `CTP_Client\CTP` directory. By default, both the username and password are set to "client". Specify the username and password in `ExportService` and `DatabaseVerifier` sections as follows:

```
<DatabaseVerifier

    class="org.rsna.ctp.stdstages.DatabaseVerifier"

    name="DatabaseVerifier"

    password="client"

    root="roots/DatabaseVerifier"

    url="https://127.0.0.1:1111"

    username="client"

    password="client" />

<ExportService

    name="HTTP Export"

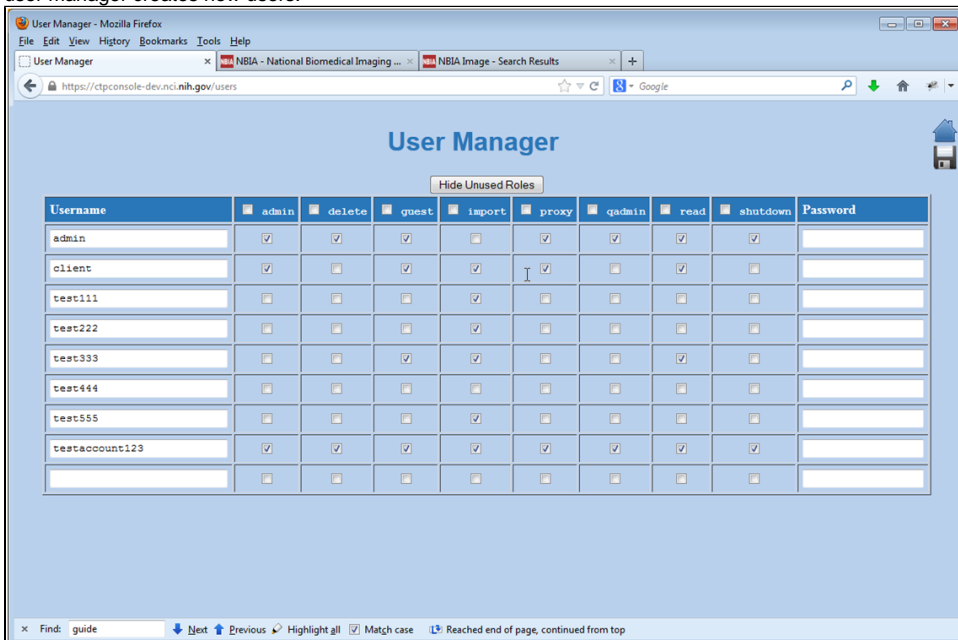
    class="org.rsna.ctp.stdstages.HttpExportService"

    root="roots/http-export"

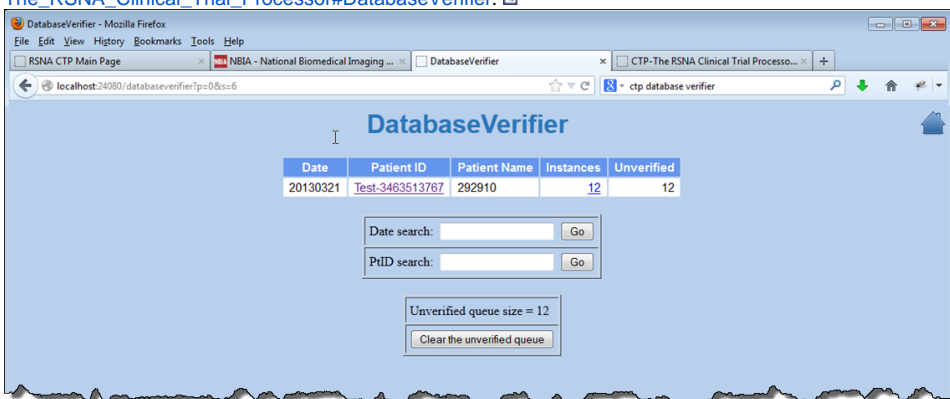
    username="client"

    password="client"
    url="https://127.0.0.1:2222" />
```

On the CTP server, a new user must be created with the same username and password defined in `config.xml` of the CTP_Client\CTP directory. A "User Manager" in the CTP server given the "import" role can perform this task. The following figure shows the page on which the user manager creates new users:



2. Use the CTP Database Verifier, shown in the following figure, at the submitting site to ensure that all transmitted data made it into the NBIA database. More information about the CTP Database Verifier can be found at http://mirwiki.rsna.org/index.php?title=CTP-The_RSNA_Clinical_Trial_Processor#DatabaseVerifier.



3. While installing NBIA, make sure the following points outside of the NBIA Installation folder to avoid wiping the database.

```
application.base.path.linux = REPLACE_THIS e.g /usr/local/apps/ncia6_0
application.base.path.windows = REPLACE_THIS e.g /usr/local/apps/ncia6_0
ctp.server.storage.service.index = REPLACE_THIS e.g usr/local/apps/ncia/CTP-Server/CTP/Storage
ctp.server.storage_service.root = REPLACE_THIS e.g usr/local/apps/ncia/CTP-Server/CTP/Storage/root
```

4. After installation, check your CTP server. In the `config.xml` file belonging to the CTP server, make sure that the root points to a directory outside of CTP Server. "Root" field is where the CTP submission files are stored.

```
<StorageService
  root="/data/dataset_d01/root" [Change This]
</StorageService>
```

Starting NBIA

Note that if Tomcat and CTP are not installed as services, they must be manually started/re-started. The following files start the respective servers.

On Windows:

Note: <installed-directory> = application.base.path.windows

- Tomcat: <installed-directory>/apache-tomcat-7.0.68/bin/startup.bat
- CTP: <installed-directory>/CTP-server/CTP/ctp.bat

On Linux:

Note: <installed-directory> = application.base.path.linux

- Tomcat: <installed-directory>/apache-tomcat-7.0.68/bin/startup.sh
- CTP: <installed-directory>/CTP-server/CTP/ctp.sh

Creating an LDAP Account for NBIA

The way that NBIA is configured during installation determines the way NBIA administrators create users. All new users must already exist in LDAP.

During installation, if `install.properties` specifies the option `database.re-create=true`, the administrator creates users in the following way.

1. Create an LDAP account with the login name `nciadevtest` and a password.
2. Log into NBIA using these credentials.
3. Select **Admin > User Authorization Tool**.
4. [Add users to NBIA](#).

During installation, if `install.properties` specifies the option `database.re-create=false`, the administrator uses his or her existing account, then selects **Admin > User Authorization Tool** and [adds users to NBIA](#).