

# Configuring Security for Submitted Data 6.5

This chapter describes how to set up security for image data you submit to NBIA.

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## Data Security Overview

The User Authorization Tool in NBIA enables NBIA administrators to authorize users access to submitted image data. Administrators create protection group(s) and then assign protection elements to limit access and visibility of the image data. NBIA creates protection elements automatically based on image collection and site(s) of submitted data. Once the protections groups are set up, a user can be assigned to protection group(s) with the associated role(s). With the protection group/role combination, a user can only access the protection group data in the way specified by the role.


For example, user **JoanSmith** can access **NCIA Mouse Astrocytoma** as role **CURATOR**, but **JohnJones** can only access **NCIA Mouse Astrocytoma** as role **READER**.

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## Accessing the User Authorization Tool

To access the User Authorization Tool, you must be an NBIA administrator. Documentation about how to use the User Authorization Tool is in the [NBIA Administrator's Guide](#).

1. Log into NBIA.
2. Select **Administration > User Authorization**.  
The User Authorization Tool window appears with the User, Protection Group, and User Authorization tabs.

 **Tip**  
You must be an NBIA administrator to use the User Authorization Tool.

## Managing Users

 **Tip**  
Do to caching of user permissions it can take up to an hour for user changes to be reflected throughout the system.

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## Managing Protection Groups

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## Adding Protection Groups and Assigning Roles

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## Resolving Errors During Security Configuration

The following table lists and describes how to resolve error messages returned by the User Authorization Tool (UAT). Error messages appear in a red box.



### Info Messages

Messages in a blue box, such as Info: *Request sent to server.* or Info: *Sent.*, indicate that a request was sent to the server to save, update, or delete an item.

UAT Error Message	Resolving a UAT Error
Error: No data found from server	<p>You performed a search and there were no results. Enter different search criteria.</p> <div><div></div><div><b>Note</b> If a selected user has not been assigned to a protection group with a role, you will receive "Error: No data found from server."</div></div>
Error: Session expired. Please log in again.	<p>You logged in but your session was too long and the session expired. You need to log in again.</p>
Error: Error occurred while retrieving data from server. Check the server connection please. Error code: <a number>.	<p>An unexpected error occurred. The Error code shows a return HTTP status code which may or may not be useful for debugging.</p>

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