

## User Authentication

- Default working directory  
set cli < home-directory >
- RADIUS & TACACS +
  - ↳ centralized user management
  - ↳ Users mapped to locally defined template users.
- Authentication Order  
< show system authentication order >
- User CLI activity is either authorized or denied based on the component of authorization.
- Authorization applies to both

# the J-Web interface and the CLI

## Components of Authorization: Part 1

- o User CLI activity is either authorized or denied based on the components of authorization
- o Authorization applies to both the J-Web interface and the CLI

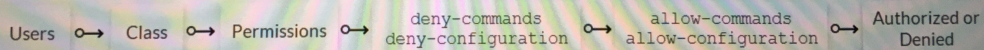
### o Users:

- Member of a single login class

### o Class

- Container for permissions and explicit overrides
- Four predefined classes for common groups of permissions

Class	Permissions
super-user	All permissions
operator	Clear, network, reset, trace, and view
read-only	View
unauthorized	No permissions



→ allow & deny overrides?

Q2

Match each authorization component with its description.

Drag each option to its target and click **Submit**.

Command	Function
User	Defines authorization parameters
Class	Is a named container that groups together a set of permission flags
Permissions	Are predefined sets of related commands
Allow and deny overrides	Define exceptions for commands and configuration statements

Continue

## Archiving Configuration Files

- To minimize the risk to configure files, store the most recent configuration file on a separate device.

[edit system archived].

- Backups at regular intervals

\* Once the configuration file is transferred to the remote storage device, a system log message is generated and logged in `/var/log/messages`.

\* LAB PRACTICE! \*