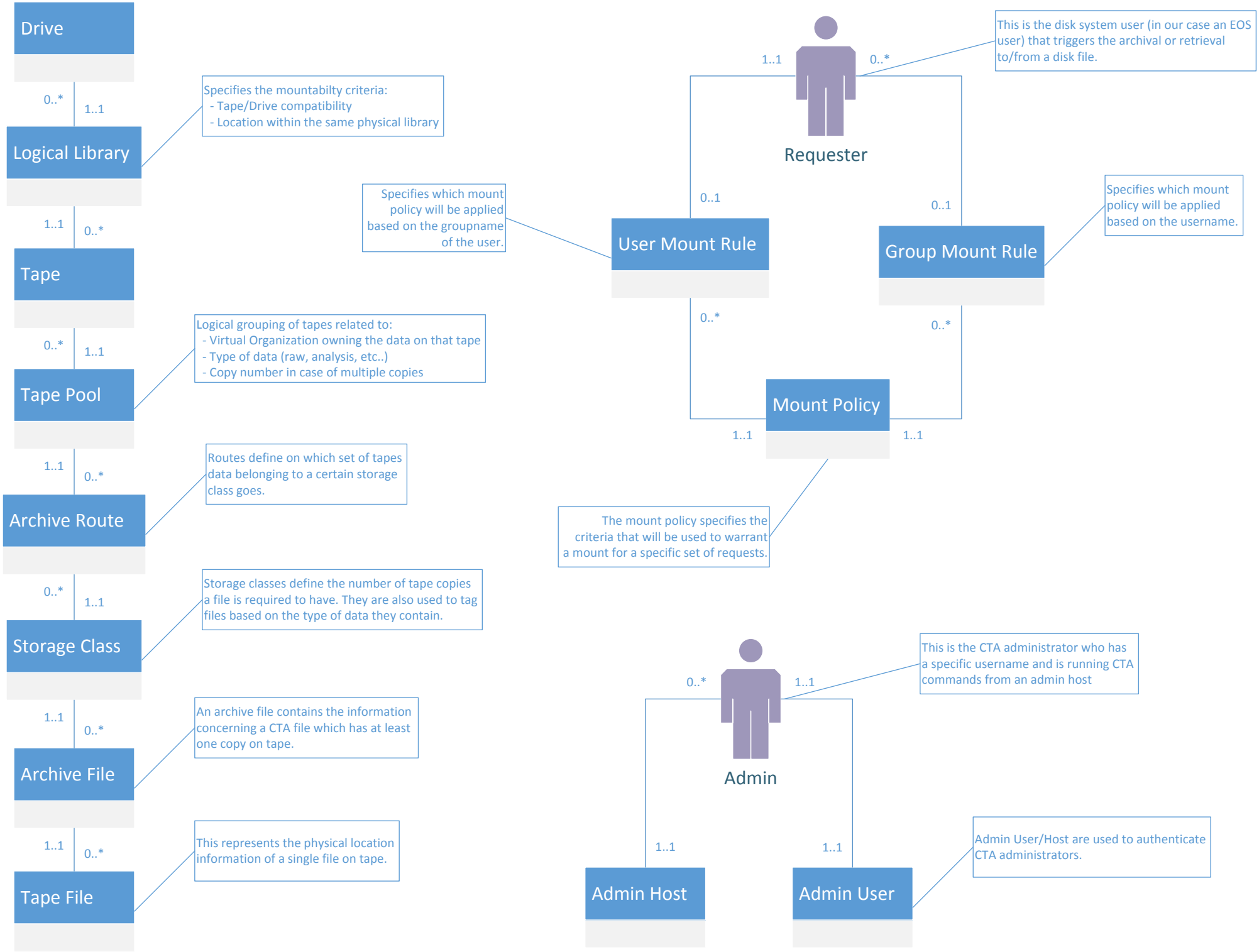
Drive
0..*
1..1
Logical Library
Specifies the mountabilty criteria:
- Tape/Drive compatibility
- Location within the same physical library
1..1
0..*
Tape
0..*
1..1
Tape Pool
Logical grouping of tapes related to:
- Virtual Organization owning the data on that tape
- Type of data (raw, analysis, etc..)
- Copy number in case of multiple copies
1..1
0..*
Archive Route
Routes define on which set of tapes data belonging to a certain storage class goes.
0..*
1..1
Storage Class
Storage classes define the number of tape copies a file is required to have. They are also used to tag files based on the type of data they contain.
1..1
0..*
Archive File
An archive file contains the information concerning a CTA file which has at least one copy on tape.
1..1
0..*
Tape File
This represents the physical location information of a single file on tape.
Requester
1..1
0..*
This is the disk system user (in our case an EOS user) that triggers the archival or retrieval to/from a disk file.
0..1
0..1
Specifies which mount policy will be applied based on the groupname of the user.
User Mount Rule
Group Mount Rule
Specifies which mount policy will be applied based on the username.
0..*
0..*
Mount Policy
1..1
1..1
The mount policy specifies the criteria that will be used to warrant a mount for a specific set of requests.
Admin
0..*
1..1
This is the CTA administrator who has a specific username and is running CTA commands from an admin host
1..1
1..1
Admin Host
Admin User
Admin User/Host are used to authenticate CTA administrators.