

Authorization in FTS

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Operations in 3 category:

- **global: submit, query, cancel, administrate**
authz: VOMS FQAN or gridmap file per type of operation
- **channel specific: set/get attributes**
authz: list of DN or FQAN in DB
- **VO specific: set/get per-VO attributes**
authz: list of DN or FQAN in DB

The client's DN and the set of FQANs are compared by string equality with the authorization attributes above. In case of the first match the operation is authorized.

Exception is the cancel operation, which only the submitter or the global administrator can call.

```

# submit VOMS FQAN: /org.acme
$ voms-proxy-init -voms org.acme
$ glite-transfer-submit -d srm://a.example.org/a srm://b.example.org/b
  ... <jobid>
$ glite-transfer-cancel <jobid>
# admin VOMS FQAN: /org.acme/Role=fts-admin
$ voms-proxy-init -voms org.acme -role /org.acme/Role=fts-admin
$ glite-transfer-channel-add AB A B
$ glite-transfer-channel-addmanager AB "/DC=ch/DC=cern/.../CN=Akos Frohner"
$ glite-transfer-channel-listmanagers AB
  ...
  /DC=ch/DC=cern/.../CN=Akos Frohner
$ glite-transfer-channel-setvoshare AB /org.acme 100
$ glite-transfer-addvomanager /org.acme "/DC=ch/DC=cern/.../CN=Akos Frohner"
$ glite-transfer-listvomanagers /org.acme
  ...
  /DC=ch/DC=cern/.../CN=Akos Frohner
$ glite-transfer-channel-setvoshare AB /org.acme 50
  
```