




-  Tool
-  Component
-  Interface / API

Repo API

Image Repository

- Repo is target to VM disk images
- Repo API allows to manage image metadata
- Actual image location as URL
- StratusLab Sites can use images in the Repository
- Integration with OpenNebula Image management open

TCloud

Service Manager

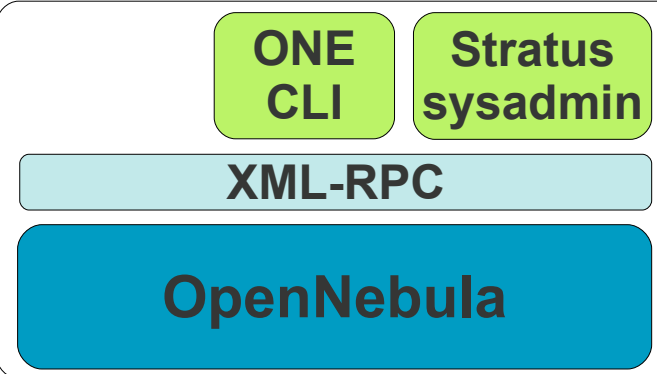
- Multi-VM service definition
- OVF based
- Convergence with OCCl should be explored

OCCI CLI

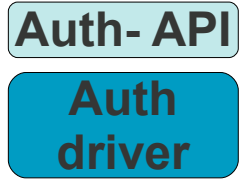
HTTPs - REST

OCCI servers

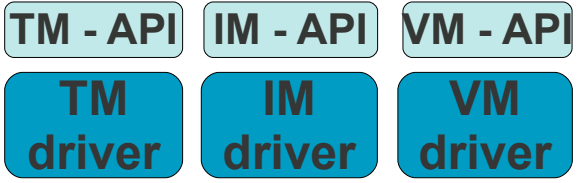
- Security (authentication) based in x509 at proxy level
- Based on current OpenNebula implementation
- Debate on storage API (register before use vs direct repo reference), needs more discussion
- Errors (those for end-user) should be more informative
- OCCl CLI tools may be preserved if useful
- Users identity is preserved (no mapping), VO rules may apply



- Stratus CLI for sysadmin operations (install hosts...)
- OpenNebula CLI not for cloud users, may include configuration of other modules (e.g. authN)



- Auth-driver needs an interface to define role-based access rules
- Implementation alternatives: through XML-RPC method or with another interface for the Auth driver



• It may be useful to document Driver APIs and libraries.

Some debate around (no consensus):

- Retry functionality, at operation level within the driver.
- Specific LOG2USER command (see OCCl notes)