

**Federation:** A collection of people and institutions who agree to share resources and abide by common procedures in order to share resources in a reliable, mutually beneficial manner.

**Clearinghouse:** Set of services establishing federation-level authentication, authorization and accountability of experimenter use of federation resources. Esp. contains one or more Slice Authorities and Member Authorities

**Monitoring:** Processes and tools monitoring activity on GENI resources for health, performance, adherence to policies.

**Tools:** Software capabilities that interact with federation resources on behalf of experimenters

**Aggregates:** Software entities that represent federated resources in transactions with experimenter tools.

**Experimenter:** A researcher seeking to perform network experiments on customized data plane.

**Resources:** Physical resources (compute, network, storage) made available to the federation by means of a participating aggregate.



Real-world entities



Software entities