Physical server

Data policies

USER-ID: Alice
AGGREGATION: True
PERSISTENT-STORAGE: True
ALLOW-TO-NETWORK: x.com
TRUSTED-SERVER-STACK: S_0

USER-ID: Bob
AGGREGATION: True
PERSISTENT-STORAGE: True
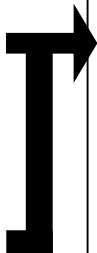ALLOW-TO-NETWORK: x.com
TRUSTED-SERVER-STACK: S_0

USER-ID: Charlie
AGGREGATION: False
PERSISTENT-STORAGE: True
ALLOW-TO-NETWORK: x.com
TRUSTED-SERVER-STACK: S_0

Universe 0

Application code

IO

Riverbed managed runtime (IFC)

IO devices

Universe 1

Application code

IO

Riverbed managed runtime (IFC)

IO devices