



Local Cloud 1

```
policy(lc1, 'Local Cloud 1', [
  users([c11,c12]), objects([p11,p12,p13]),
  assign( c11, cgroup1 ),
  assign( c12, cgroup2 ),
  assign( p11, pgroup1 ),
  assign( p12, pgroup1 ),
  assign( p13, pgroup2 ),
  ...
  associate( cgroup1, [invoke], pgroup1 ),
  associate( cgroup2, [invoke], pgroup2 ),
  external_attribute(ea11),
  associate(cgroup1, [invoke], ea11) ] ).
```

Cloud-Cloud Policy

```
cc_policy('Cloud-of-Clouds', [
  local_cloud gateway(lc1, g1),
  local_cloud gateway(lc2, g2),
  local_cloud gateway(lc3, g3),
  external_attributes([es11,ea21,ea22]),
  external_attributes([ea31,ea32]),
  assign(ea11, g1),
  assign(ea21, g2), assign(ea22, g2),
  assign(ea31, g3), assign(ea32, g3),
  cc_associate( ea11, [invoke], ea32 ),
  cc_associate( ea12, [invoke], ea22 ),
  cc_associate( ea21, [invoke], ea32 ),
  cc_associate( ea31, [invoke], ea22 ) ] ).
```

Gateway-Gateway Policy

```
gg_policy('Gateway Flows', [
  gateway(g1),
  gateway(g2),
  gateway(g3),
  gg_associate( g1, [invoke], g3 ),
  gg_associate( g1, [invoke], g2 ),
  gg_associate(g2, [invoke], g3 ),
  gg_associate(g3, [invoke], g2 ) ] ).
```

Local Cloud2

```
policy(lc2, 'Local Cloud 2', [
  ... ] ).
```

Local Cloud3

```
policy(lc3, 'Local Cloud 3', [
  ... ] ).
```