

**User 1**

**Application**

Policy

Ephemeral  
Res

**User ESL**

(e.g. anti-affinity)

**User 2**

**Application**

**User ESL**

(e.g. gang-sched)

**User 3**

**Application**

**User ESL**

(e.g. co-location)

Resource Domain  
Request

`get_resource_domain(user_id)`

**Cluster ESL**

(e.g. Max-Min Fairness, DRF)

Resource Domain Management

{CPU = 8,  
User1 =  $\infty$ }

User 1 Resources

{CPU = 8,  
User1 =  $\infty$ }

{CPU = 8,  
User2 =  $\infty$ }

User 2 Resources

{CPU = 8,  
User3 =  $\infty$ }

User 3 Resources

{CPU = 8,  
User3 =  $\infty$ }