Server Consolidation & Load Balancing [Sandpiper], [Autonomic VM Management], [Capacity Management]

Applies to
(So far, affinity
effects on VM
config not considered)

Affinity-aware
Modeling of
Co-located
CPU Usage

Can be enhanced by (place affine VMs together to save communication BW)

Cousin of (Parallel to affinity unrelated CPU estimation)

Affinity-aware Placement Algorithms [Virtual Putty], [Starling]

CPU Usage Estimation
[Profiling and Modeling],
[Ensuring Performance Isolation]