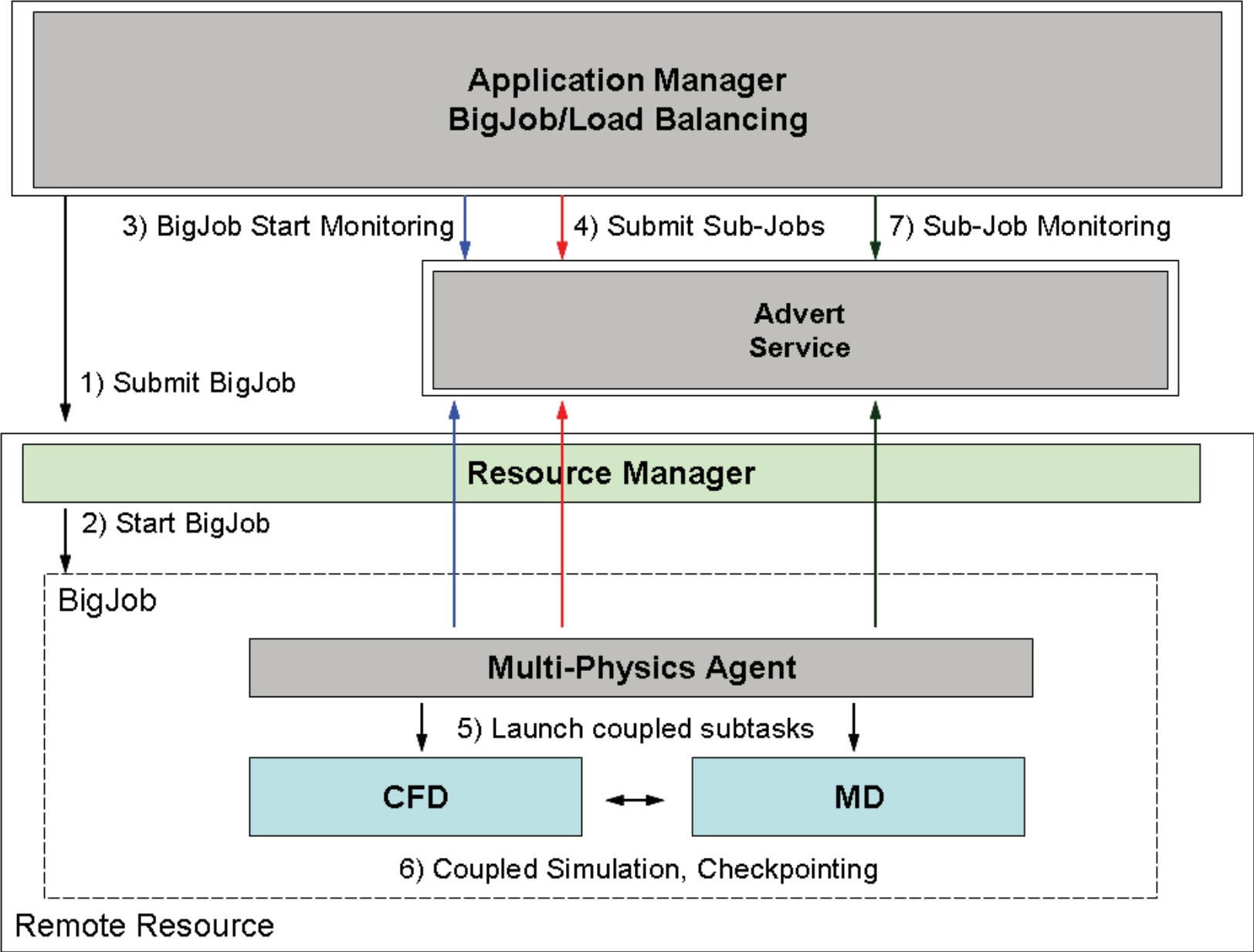
Application Manager
BigJob/Load Balancing
3) BigJob Start Monitoring
4) Submit Sub-Jobs
7) Sub-Job Monitoring
Advert
Service
1) Submit BigJob
Resource Manager
2) Start BigJob
BigJob
Multi-Physics Agent
5) Launch coupled subtasks
CFD
MD
6) Coupled Simulation, Checkpointing
Remote Resource