Throughput Maximization in Mobile Cloudlets

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Outline

• Background
• Objectives
• Challenges
• Questions
Mobile Cloud Computing
Objective

• Master the basic concepts of mobile computing
• Learn basic algorithms for resource management
• Evaluate system performance
Challenges

• Define the request throughput maximization problem
  - Admit/Reject
  - Time slot

• Design Algorithm for admission control policy
  - Resource
  - cost

• Simulate the cloudlet computing environment
Thank you

Questions?