Dynamic Resource Allocation in Cloud Computing

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Outline

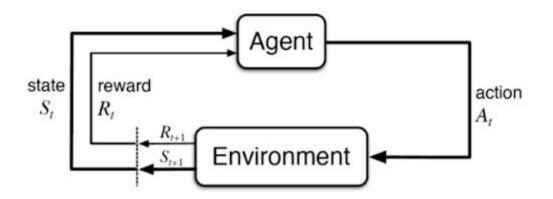
- Describe Problem
- Method
- Why this Method ?
- Basic Terminologies
- Execution Example

Problem

Save Energy

- Only Turn On System When User Need it.
- Give Min Resources or Decrease it so for less Energy.

Method:: Markov Decision Process



Why MDP?

- Finite States
- Finite Actions
- Rewards Maximization
- Optimal Policy Sample Space Small

Basic Terminologies and Execution Example

- States are in Oval
- Actions are on vertex
- One Arrow means
 Single Direction

GitHub

