









































































# □ Each user gets a fixed <u>budget</u> per <u>epoch</u>

- Budget proportional to level of service
- An epoch is a fixed number of time-slots, e.g., 1 day = 288 5-min slots

## □ Trade & Cap

June 22, 2010

- User engages in a pure strategies game that yields a schedule for its IT sessions
- User acquires as much FT bandwidth as its remaining budget would allow

Network and Cloud Resource Packing Games @ TU Berlin





#### Session:

An IT session is the sequence of slots during which an IT application is active

## □ Slack:

June 22, 2010

User may have flexibility in scheduling IT sessions; slack specifies the number of slots that an IT session is allowed to be shifted back/forth

## □ Strategy Space:

The set of all possible arrangements of IT sessions within allowable slack define the strategy space for a user

Network and Cloud Resource Packing Games @ TU Berli



































