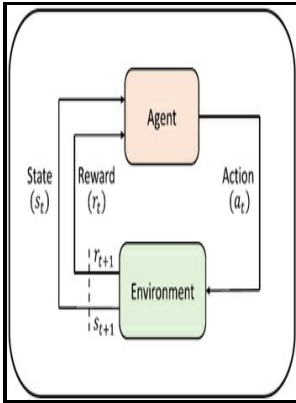# Dynamic resource allocation for multimedia services in mobile communications environments

- - Dynamic cloud resource management for efficient media applications in mobile computing environments

Description: -
-Dynamic resource allocation for multimedia services in mobile communications environments
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Notes: Thesis (M.Sc.) - University of Surrey, 1996.
This edition was published in 1996

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Tags: #CiteSeerX #— #Search #Results #— #ETXOP: #A #resource #allocation #protocol #for #QoS

Dynamic radio resource allocation for 3G and beyond mobile wireless networks

Proceedings of 6th Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks Workshops SECON Workshops 2009 ; Rome, Italy. Algorithm 1: Resource allocation at RNC Input: SNR Calculate each active MS's achievable data rate using 2 Calculate the slot number for each SFs as in 10 for every do First allocate slots to best MS with UGS SF Set end for for every do Allocate the residual slots at the maximum rate to the remaining SFs prioritizing rtPS and ertPS over nrtPS Set end for Send slot assignment information to all BSs in the system 4.

Dynamic Resource Management for Mobile Services

Journal of High-Speed Networking, Special Issue on Multimedia Networking, 7:227-255, 1998.

Dynamic cloud resource management for efficient media applications in mobile computing environments

The RNC performs the assignment first for the MSs in the outer ring then the MSs in the inner cell. We propose to automate the process of software maintenance with a mechanism we call Automatic Configuration.

Analytical Modelling of a New Handover Algorithm to Improve Allocation of Resources in Highly Mobile Environments

The dissatisfaction of these MSs is due to the insufficient resource slots as the allocation for rtPS, ertPS, and nrtPS is done with the maximum data rate for the outer ring MSs. Upon receiving the decision, the RRA at the BS will make the actual pairing between slots and MSs based on their actual traffic load and employ a policy for load distributing among the MSs when it is necessary.

Market

It provides protocols to allow services to join a network and discover what services are available in this network. Each application, system, or component specifies everything that is required for it to work properly both hardware and software requirements.

DREAMS: Dynamic resource allocation for MapReduce with data skew

Although DTAS shows the best performance compared to MTMS, ITAS and Greedy, it is inevitable that the deadline miss ratio of DTAS also increases significantly when more link-change events take place.

Efficient Resource Allocation in Next Generation Cellular Networks to Support Multimedia Traffic

Nevertheless, DTAS shows the best performance under the tested mobile environment.

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