

Resource Allocation and Scheduling Theory Based on Distributed Environment

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Abstract— Calculation processing technology based on distributed environment is a focus in the field of computer research. Based on the distributed environment, resource allocation and scheduling of distributed computing is very important and hard to resolve. E-commerce website different from the earliest C/S architecture has a quickly developing with distributed architecture. This paper analyzed the model of E-commerce website, show the basic service elements of e-commerce sites. Then a distribute system architecture is proposed, and some research points are listed, such as its distributed system architecture, resource scheduling, virtual cloud resources scheduling and configuration issues.

Keywords—*Distributed Environment, Resource Allocation, Resource Schedul, Cloud Virtualization Resourc, System Architecture*

Zhao Yue, Ph.D. candidate, main research interests are Distributed computing, Semi-structured data.