ABSTRACT

In this thesis, we propose an adaptive weighted scheduling method to distribute the service requests to a pool of servers for maximum performance. This method assigns a service request to a server whose CPU load is the smallest. The scheduling process is embedded in a DNS-server. The simulation results show that the proposed scheduling method can improve the system performance very well.

Keywords: Load balance, DNS Server, Algorithm.

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REFERENCES

[16] BIND, Available at  http://www.isc.org/BIND/