

Title (en)

APPARATUS AND METHOD FOR PREVENTING NETWORK SERVER OVERLOAD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERLASTVERHINDERUNG IN EINEM NETZWERKSERVER

Title (fr)

DISPOSITIF ET PROCEDE SERVANT A EMPECHER LA SURCHARGE D'UN SERVEUR DE RESEAU

Publication

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Application

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Abstract (en)

[origin: WO9745792A1] An apparatus and method for preventing overload of a network server by messages received from a source initiating network server transactions. The method and apparatus use available network traffic measurements to estimate target transaction rates and admission factors. The method includes the steps, executed by a processor, of establishing a target incoming transaction workload per measurement interval (602), estimating from measurements obtained during the measurement interval the transaction workload offered by a source (604), and reducing a rate at which new transactions are initiated by the source to match the incoming transaction workload to the target workload when the offered transaction workload exceeds a threshold (606).

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