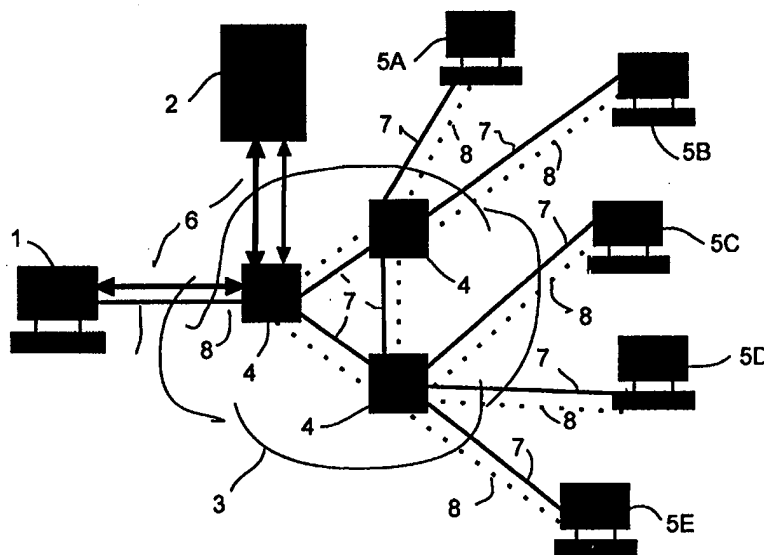




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: ARRANGEMENT FOR LOAD SHARING IN COMPUTER NETWORKS



(57) Abstract

The invention relates to an arrangement for load sharing in computer networks and, more exactly, an arrangement for distribution of traffic, for instance via Internet, from clients (1) to service suppliers who provide services from many servers. The invention makes possible distribution to one of a number of replicated servers. Suitable server is selected for instance on basis of available resources at the interface of the server, or less delay in the transmission. The invention results in better performance and reduced traffic by distribution of the traffic geographically and from a resource point of view. According to the invention, a number of replicated servers (5A-5E) belong to an anycast-group and each anycast-group is connected to a domain name server (2) which has the ability to select one of the replicated servers, so that a router (4) can establish a connection between the selected server and the service-requesting client computer. Each replicated server (5A-5E) can transmit a resource advertisement which contains information about available resources at the server in question, and about the link parameters of the server.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 98/01085

A. CLASSIFICATION OF SUBJECT MATTER		
IPC6: H04L 12/56, H04L 29/02, G06F 17/30 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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