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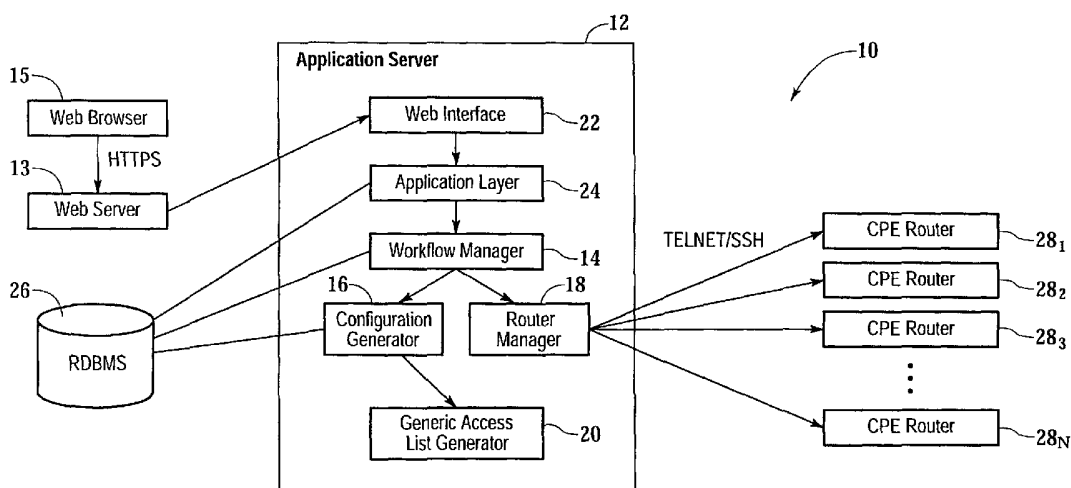
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(54) Title: SYSTEM AND METHOD FOR PROVIDING A CUSTOMER CONTROLLED NETWORK



(57) Abstract: The invention has a general objective of mapping applications that generate packets to a QoS policy on a packet routed network (10), such as an IP network, and automatically generating and/or changing the configuration of network elements, such as routers (28), to treat packets from the application according to the QoS policy. In accordance with a preferred embodiment of the present invention, high-level descriptions of applications and quality of service (QoS) treatment, for example, are automatically translated into low-level QoS configurations for routers (28). Application profiles specifying how traffic for those applications should be treated can be specified by those without detailed technical knowledge and QoS configurations automatically created for download onto customer premises equipment and, if necessary, also to access and backbone networks.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 9/00, 12/56; G06F 13/00, 15/173; G08C 15/00
US CL : 370/230, 468; 709/223; 713/150

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B. FIELDS SEARCHED

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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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EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,301,613 B1 (AHLSTROM et al) 09 October 2001, column 4, line 24- column 11, line 57.	1-24
X	US 6,463,470 B1 (MOHABAN et al) 08 October 2002, column 5, line 45 - column 31, line 65.	1-24
Y	US 6,327,618 B1 (AHLSTROM et al) 04 December 2001, column 5, line 40 - column 13, line 11.	1-24
Y	US 6,169,748 B1 (BARBAS et al) 02 January 2001, column 1, line 56 - column 15, line 39.	1-24
Y, E	US 2004/0117613 A1 (EDMONDSON) 17 June 2004, column 1 - column 8.	1-24



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See patent family annex.

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