Abstract: An access node comprises an application server, a logical access port coupled to the application server and a redirection filter module coupled to the logical access port. The redirection filter module includes a data redirection filter and an Address Resolution Protocol (ARP) redirection filter. The data redirection filter facilitates a data packet received on the access port being directed to the application server when a destination Media Access Control (MAC) address of the data packet corresponds to a MAC address of the application server or when a destination Internet Protocol (IP) address of the data packet corresponds to an IP address of the application server. The ARP redirect filter facilitates an ARP reply message being issued when a target IP address of an ARP request message received on the access port corresponds to the IP address of the application server.

Title: METHOD FOR FACILITATING APPLICATION SERVER FUNCTIONALITY AND ACCESS NODE COMPRISING SAME
Declarations under Rule 4.17:
— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17(ii))
— of inventorship (Rule 4.17(iv))

Published:
— with international search report

(88) Date of publication of the international search report: 3 January 2008

For two-letter codes and other abbreviations, refer to the “Guidance Notes on Codes and Abbreviations” appearing at the beginning of each regular issue of the PCT Gazette.
A. CLASSIFICATION OF SUBJECT MATTER
   IPC(B) - H04L 12/56 (2007.01)
   USPC - 370/402
   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)
   IPC(B) - H04L 12/56 (2007.01)
   USPC - 370/402, 392, 395.54, 468, 709/249, 246

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
   
   Electronic database consulted during the international search (name of database and, where practical, search terms used)
   PatBase: fl=server* or node*, fl=access*, fl=start*, fl=resolution*, fl=protocol*, fl=atp, fl=media or medium, fl=control*, fl=messag*;

C. DOCUMENTS CONSIDERED TO BE RELEVANT
   Category*  Citation of document, with indication, where appropriate, of the relevant passages
   Relevant to claim No.

<table>
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<th>Category</th>
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<td>US 5,490,252 A (MACERA et al) 06 February 1996 (06.02.1996) entire document</td>
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Date of the actual completion of the international search: 30 April 2007
Date of mailing of the international search report: 03 OCT 2007

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