Title (en)

EFFICIENT CALCULATION OF ROUTING TABLES FOR A ROUTING OPERATION USING TARGET ADDRESSES

Title (de)

EFFIZIENTE BERECHNUNG VON ROUTINGTABELLEN FÜR EIN ROUTING ANHAND VON ZIELADRESSEN

Title (fr)

CALCUL EFFICACE DE TABLES DE ROUTAGE POUR UN ROUTAGE SUR LA BASE D'ADRESSES CIBLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006003141A1] The invention relates to a method and a device (NCS) allowing the distributed calculation of routing tables for routing in a communication network containing nodes (A,..,G) and links. The calculation of routes to be used is carried out in centrally. Data relating to the routes to be used are transmitted to a node (D) which, based on said information, generates a routing table (FIB) by assigning packet addresses to the routes. The central calculation of the routes results in an increased efficiency of resources while requiring less calculation effort which is particularly advantageous in the context of networks comprising multipath routing where the calculation of routing tables (FIB) is very complex. A further reduction in effort can be achieved by means of the central calculation of the distribution weightings.

IPC 8 full level

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