

Title (en)

DYNAMIC DISTRIBUTED METHOD FOR LOCAL PROTECTION OF A LABEL-SWITCHING PATH

Title (de)

DYNAMISCHES UND VERTEILTES VERFAHREN ZUR LOKALEN BESCHÜTZUNG VON EINEM ETIKETTVERMITTLUNGSWEG

Title (fr)

METHODE DYNAMIQUE ET DISTRIBUEE DE PROTECTION LOCALE D'UN CHEMIN A COMMUTATION D'ETIQUETTES

Publication

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Application

EP 03718889 A 20030217

Priority

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Abstract (en)

[origin: WO03071745A1] The invention relates to a method for protection of a label-switching path in an MPLS network, comprising a plurality of nodes connected by means of IP connections, said path beginning at an entry node and terminating at a network exit node, passing through a determined series of nodes and connections in the network called pathway elements. When said entry node requires the protection of a pathway element, in a first phase, a node of said pathway called PLR point, upstream of said element to be protected, determines a rescue path, called a bypass tunnel, rejoining the pathway downstream of said element for protection, at a node called PM point and, in a second phase, network resources are reserved from each connection of the bypass tunnel to ensure said pathway in case of failure of said element.

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IPC 8 full level

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CPC (source: EP US)

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See references of WO 03071745A1

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