

Title (en)

SYSTEM AND METHOD FOR INTERCONNECTING MULTIPLE VIRTUAL PRIVATE NETWORKS

Title (de)

SYSTEM UND VERFAHREN UM EINE VIELZAHL VON PRIVATEN VIRTUELLEN NETZWERKEN ZU VERBINDEN

Title (fr)

SYSTEME ET PROCEDE PERMETTANT D'INTERCONNECTER PLUSIEURS RESEAUX PRIVES VIRTUELS

Publication

**EP 1222548 A4 20090422 (EN)**

Application

**EP 00959595 A 20000831**

Priority

- US 0023774 W 20000831
- US 15156399 P 19990831

Abstract (en)

[origin: WO0116766A1] A system and method for interconnecting multiple VPNs (122, 124, 126, 132), each using multiple service providers (120, 130), while offering a minimum standard of end-to-end connection quality and reliability. The system and method utilizes an overseer that resolves end-to-end issues across multiple interconnected virtual private networks (122, 124, 126, 132). When connecting multiple virtual private networks (122, 124, 126, 132) multiple interconnect providers (120, 130) are interconnected so that the end-to-end service quality standard. The certification of service providers, exchange points, transit service providers and IPSec devices permits interoperability for encryption, integrity and authentication across the product of all IPSec vendors. When two subscribers both use certified IPSec equipment then they can provide each other with controlled access to each other's networks.

IPC 8 full level

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**H04L 12/2854** (2013.01); **H04L 12/4641** (2013.01); **H04L 12/5602** (2013.01); **H04L 47/2491** (2013.01); **H04L 63/0272** (2013.01)

Citation (search report)

- [X] WO 9857464 A1 19981217 - VPNET TECHNOLOGIES INC [US]
- [A] KAGAN R S ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Virtual private networks-new strategies for secure enterprise networking", 17TH DASC. THE AIAA/IEEE/SAE DIGITAL AVIONICS SYSTEMS CONFERENCE PROCEEDINGS. BELLEVUE, WA, OCT. 31 - NOV. 7, 1998; [DASC. DIGITAL AVIONICS SYSTEMS CONFERENCE], NEW YORK, NY : IEEE, US, 15 September 1998 (1998-09-15), pages 267 - 272, XP010305359, ISBN: 978-0-7803-5078-6
- [A] APARICIO M IV ET AL: "Agent information contracts within virtual private networks", HIGH-ASSURANCE SYSTEMS ENGINEERING SYMPOSIUM, 1998. PROCEEDINGS. THIRD IEEE INTERNATIONAL WASHINGTON, DC, USA 13-14 NOV. 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 13 November 1998 (1998-11-13), pages 304 - 311, XP010315516, ISBN: 978-0-8186-9221-5
- See references of WO 0116766A1

Designated contracting state (EPC)

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