Title (en)

METHOD AND APPARATUS FOR PROVIDING MOBILE AND OTHER INTERMITTENT CONNECTIVITY IN A COMPUTING ENVIRONMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON MOBIL- UND ANDERER UNTERBROCHENER KONDUKTIVITÄT IN EINER DATENVERARBEITUNGSUMGEBUNG

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE CONNECTIVITE MOBILE ET D'AUTRES TYPES DE CONNECTIVITE INTERMITTENTE DANS UN ENVIRONNEMENT DE CALCUL

Publication

EP 1364296 A4 20040915 (EN)

Application

EP 01968790 A 20010912

Priority

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- US 27461501 P 20010312

Abstract (en)

[origin: WO0223362A1] A seamless solution transparently addresses the characteristics of nomadic systems, and enables existing network applications to run reliably in mobile environments. A Mobility Management Server (102) coupled to the mobile network maintains the state of each af any number of Mobile End Systems (104) and handles the complex session management required to maintain persistent connections to the network and to other peer processes. If a Mobile End System becomes unreachable, suspends, or changes network address (e.g., due to roaming from one network interconnect to another), the Mobility Management Server maintains the connection to the associated peer task- allowing the Mobile End System to maintain a continous connection even though it may temporarily lose contact with its network medium. An interface-based listener uses network point of attachment information supplied by a network interface to determine roaming conditions and to efficiently establish connection upon roaming. The Mobility Management Server can distribute lists to Mobile End Systems specifying how to contact it over disjoint networks.

IPC 1-7

G06F 15/16; H04L 12/28; H04L 29/06; H04L 12/56

IPC 8 full level

G06F 15/00 (2006.01); **G06F 13/00** (2006.01); **G06F 15/16** (2006.01); **H04L 1/18** (2006.01); **H04L 12/24** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01); H04L 29/08 (2006.01)

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