Title (en)

METHOD AND SYSTEM FOR ENABLING CENTRALIZED CONTROL OF WIRELESS LOCAL AREA NETWORKS

Title (de)

VERFAHREN UND SYSTEM ZUR ZENTRALEN STEUERUNG VON DRAHTLOSEN LOKALEN NETZWERKEN

Title (fr)

PROCEDE ET SYSTEME ASSURANT LA COMMANDE CENTRALISEE DE RESEAUX LOCAUX SANS FIL

Publication

EP 1330894 A2 20030730 (EN)

Application

EP 01987586 A 20011022

Priority

- US 0151306 W 20011022
- US 24197500 P 20001023
- US 91109201 A 20010723

Abstract (en)

[origin: WO0241587A2] A wireless local area network (WLAN) includes mobile devices that are allowed to transfer wireless connections between WLAN subnets or channels having different access points. The access points connect to a central controller or roaming server that supports seamless hand-offs of mobile devices from one access point to another access point. The roaming server supports the reassignments of session data parameters from one access point to another (e.g., access point address spoofing) so that the mobile device can use the same parameters for comminicating to a new access point. The roaming server also supports the seamless handoff of a mobile device from one access point to another by using a master-slave switch technique across two piconets. The roaming server also facilitates the control of access points by establishing a host controller interface and wireless protocol stack in the roaming server then encapsulates host controller commands in a packet based network protocol used for communication between the roaming server and the access points.

[origin: WO0241587A2] A wireless local area network (WLAN) (36) includes mobile devices (26) that are allowed to transfer wireless connections between WLAN subnets or channels having different access points (24). The access points connect to a central controller or roaming server (22) that supports seamless hand-offs of mobile devices from one access point to another access point. The roaming server supports the reassignments of session data parameters from one access point to another (e.g., access point address spoofing) so that the mobile device can use the same parameters for comminicating to a new access point. The roaming server also supports the seamless handoff of a mobile device from one access point to another by using a master-slave switch technique across two piconets. The roaming server also facilitates the control of access points by establishing a host controller interface and wireless protocol stack in the roaming server then encapsulates host controller commands in a packet based network protocol used for communication between the roaming server and the access points.

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H04L 12/28; H04L 12/56; H04Q 7/38

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0241587A2

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