

Title (en)

DETERMINATION AND MANAGEMENT OF VIRTUAL NETWORKS

Title (de)

BESTIMMUNG UND VERWALTUNG VON VIRTUELLEN NETZWERKEN

Title (fr)

DETERMINATION ET GESTION DE RESEAUX VIRTUELS

Publication

EP 2353256 A1 20110810 (FR)

Application

EP 09748387 A 20090915

Priority

- FR 2009051726 W 20090915
- FR 0856527 A 20080929

Abstract (en)

[origin: WO2010034920A1] The invention relates to a method for determining the topology of virtual networks, said method comprising the following steps implemented by a physical node, physical nodes being connected by a physical network and being adapted for supporting virtual nodes of the virtual networks: determining (10) the parameters of resources defining a physical configuration of the physical network and a physical configuration particular to the physical node, and determining (12) the parameters of requests defining service requests related to the virtual networks. The method further comprises, in the event of a modification of at least one parameter belonging to the group comprising resource parameters and request parameters between a current instant and an instant preceding the broadcast (16) of at least the modified parameters in the physical network, updating (18) the resource and request parameters based on the modified parameters, and determining (20) topologies for the virtual networks using said updated parameters.

IPC 8 full level

H04L 12/46 (2006.01); **H04L 12/24** (2006.01); **H04L 12/56** (2006.01)

CPC (source: EP US)

H04L 41/12 (2013.01 - EP US); **H04L 45/02** (2013.01 - EP US); **H04L 45/028** (2013.01 - EP US); **H04L 45/28** (2013.01 - EP US); **H04L 41/122** (2022.05 - EP); **H04L 41/40** (2022.05 - EP)

Citation (search report)

See references of WO 2010034920A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010034920 A1 20100401; EP 2353256 A1 20110810; US 2011173616 A1 20110714

DOCDB simple family (application)

FR 2009051726 W 20090915; EP 09748387 A 20090915; US 200913121056 A 20090915