Title: METHOD AND SYSTEM FOR PROVIDING NETWORK MANAGEMENT BASED ON DEFINING AND APPLYING NETWORK ADMINISTRATIVE INTENTS

Abstract: Method and system for providing a dynamic network configuration and management based on defining and applying high-level administrative intents including retrieving one or more attributes associated with one or more logical groups in a network, determining one or more network policies based on the one or more retrieved attributes, associating the one or more logical groups to a respective network group identifier, and generating a network group list associated with the one or more network group identifiers, as disclosed.
# INTERNATIONAL SEARCH REPORT

## International application No
PCT/US 07/77008

### A CLASSIFICATION OF SUBJECT MATTER

**IPC(8) - G06F.15/173 (2008.01)**

**USPC - 709/223**

According to International Patent Classification (IPC) or to both national classification and IPC

### B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC 709/223

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC 709/224, 225, 226, 726/3, 6 (see keywords below)

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Pub WEST (USPT, PQPB, JPAB, EPAB), Google Scholar, Dialog Pro

Search Terms Used: dynamics, network adj configuration, relatev$ adj attribut$, logical adj group, attribut$, policS, associat$, identifS, high adj level adj intent, intents, securi$ or quality, topologS, detects, enter$ or leave$, update$, network

### C DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category*</th>
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Date of the actual completion of the international search: 19 March 2008 (19 03 2008)  
Date of mailing of the international search report: O8 APn2om

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents  
P O Box 1450, Alexandria, Virginia 22313-1450  
Facsimile No 571-273-3201

Authorized Officer: Lee W Young  
PCT Helpdesk 571-272-4300  
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Form PCT/ISA/2 10 (second sheet) (April 2007)
FIGURE 2