

Search history

Search PN=(WO2015038918) (Results 1)

1:

Search [SP]: systems and methods for collecting, tracking, and storing system performance and event data for computing devices a system is configured to track and store system and event data for various computing devices. the system is configured to associate the various computing devices with profiles based at least in part on characteristics of the computing devices. the system is further configured to compare performance data and/or performance metrics for particular computing devices having a particular profile against all other devices that share the particular profile. the system then displays this comparison to a user of the particular computing device, substantially automatically diagnoses an issue with the particular computing device based on the performance and system event data, and/or enables the user to diagnose the problem based on the performance and system event data. (Results 50)

Search [SP]: 1. a non-transitory computer-readable medium storing computer-executable instructions for: (a) receiving first system event data for a first computing device having a device profile, said device profile comprising one or more characteristics (b) receiving first performance data for said first computing device (c) receiving second system event data for at least one second computing device having said device profile (d) receiving second performance data for said least one second computing device and (e) enabling a user to compare said first system event data, said first performance data, said second system event data, and said second performance data. 2. the non-transitory computer-readable medium of claim 1, wherein enabling said user to compare said first system event data, said first performance data, said second system event data, and said second performance data comprises displaying a graphical representation of said first system event data, said first performance data, said second system event data, and said second performance data to said user. 3. the non-transitory computer-readable medium of claim 1, wherein said first system event data is selected from a group consisting of: (i) a change in signal strength of a wireless network to which said first computing device is connected (ii) an installation of software onto memory associated with said first computing device (iii) a connection to a particular network (iv) a disconnection from said particular network and (v) a connection of the first computing device to an external power source. 4. the non-transitory computer-readable medium of claim 3, wherein said one or more characteristics comprises a device type of said first computing device. 5. the non-transitory computer-readable medium of claim 4, wherein said one or more characteristics comprises a model of said first computing device. 6. the non-transitory computer-readable medium of claim 3, wherein said first system event data is substantially related to said second system event data. 7. the non-transitory computer-readable medium of claim 1, wherein: said first system event data comprises a plurality of system events associated with said first computing device and each of said plurality of system events is associated with a particular time at which each of said plurality of system events occurred. 8. the non-transitory computer-readable medium of claim 1, wherein: said first system event data is associated with said first performance data and said second system event data is associated with said second performance data. 9. the non-transitory computer-readable medium of claim 8, wherein said first performance data is selected from a group consisting of: (i) a battery usage of said first computing device and (ii) a processor usage of said first computing device. 10. the non-transitory computer-readable medium of claim 1, wherein said at least one characteristic is a model of said first computing device. 11. the non-transitory computer-readable medium of claim 1 wherein said at least one characteristic is a connection to a particular network. 12. the non-transitory computer-readable medium of claim 1, further storing computer-executable instructions for: (g) storing said first system event data, said second system event data, said first performance data, and said second performance data on a remote server from said first computing device. 13. a computer system comprising: at least one processor, wherein said computer system is configured for: (a) receiving first data associated with a first mobile computing device, said first data comprising first performance data and at least one first system event and said first mobile computing device comprising at least one mobile device characteristic (b) receiving second data associated with one or more second mobile computing devices, wherein said second data comprises second performance data and at least one second system event for each of said one or more second mobile computing devices (c) establishing at least one profile, said at least one profile being associated with said at least one mobile device characteristic (d) determining which of said one or more second computing devices has said at least one mobile device characteristic (e) at least partially in response to determining that said one or more second computing devices have said at least one mobile device characteristic, assigning said one or more second computing devices to said profile (f) determining whether said first computing device has said at least one mobile device characteristic and (g) displaying said first data and said second data of said one or more second computing devices assigned to said profile to a user of said first mobile device. 14. the computer system of claim 13, wherein: said first performance data comprises a first battery life of said first computing device said second performance data comprises a second battery life of said one or more second computing devices and said at least one mobile device characteristic comprises a model of said first mobile computing device. 15. the computer system of claim 13, wherein: said first performance data comprises a signal strength between said first computing device and a particular network and said second performance data comprises a signal strength between said one or more second computing devices and said particular network 16. the computer system of claim 15, wherein said particular network is a network associated with a particular wireless telephone provider. 17. the computer system of claim 13, wherein said at least one first system event is selected from a group consisting of: (i) a change in signal strength of a wireless network to which said first mobile computing device is connected (ii) an installation of software onto memory associated with said first mobile computing device (iii) a connection to a particular network (iv) a disconnection from said particular network and (v) a connection of the first mobile computing device to an external power source. 18. the computer system of claim 17, wherein said at least one second system event and said at least one first system event are substantially the same event. 19. the computer system of claim 13, wherein said first performance data is selected from a group consisting of: (a) a battery usage of said first mobile computing device and (b) a processor usage of said first mobile computing device. 20. the computer system of claim 19, wherein said second performance data includes a similar type of performance data as said first performance data for said one or more second mobile computing devices. 21. the computer system of claim 13, further configured for: (h) aggregating said second data associated with said one or more second computing devices assigned to said profile and (i) displaying said aggregated data to said user of said first mobile device. 22. the computer system of claim 21, wherein said aggregating comprises averaging said second data associated with said one or more second computing devices assigned to said profile 23. a computer-implemented method comprising: receiving, by a processor, system event data and system performance data for a plurality of computing devices, wherein said plurality of computing devices: comprise a first computing device associated with first system event data and first system performance data and share at least one profile based at least on one or more characteristics of said plurality of computing devices determining, by a processor, an average performance metric for said plurality of computing devices based at least in part on said system event data and said system performance data determining, by a processor, a first performance metric for said first computing device based at least in part on said first system event data and said first system performance data and displaying, by a processor, said average performance metric and said first performance metric to a user of said first computing device. 24. the computer-implemented method of claim 23, wherein said system event data is selected from a group consisting of: (i) a change in signal strength of a wireless network to which said plurality of computing devices are connected (ii) an installation of software onto memory associated with said plurality of computing devices (iii) a connection to a particular network by said plurality of computing devices (iv) a disconnection from said particular network by said plurality of computing devices and (v) a connection of the plurality of computing devices to an external power source. 25. the computer-implemented method of claim 23, wherein said one or more characteristics comprise a device type of said plurality of computing devices. 26. the computer-implemented method of claim 25, wherein said one or more characteristics comprise a model of said plurality of computing devices. 27. a non-transitory computer-readable medium storing computer-executable instructions for: (a) storing, in memory, time stamped performance data associated with each of a plurality of computing devices taken over time (b) storing, in memory, time stamped event data associated with each of a plurality of computing devices taken over time (c) using at least said time stamped performance data and/or said event data to provide an individual associated with a first of said plurality of computing devices with a comparison of a performance of said first computing device with a typical performance of other computing devices, from said plurality of computing devices, that are similar to said first computing device. this comparison may, for example, be in the form of a longitudinal display of information that displays performance and/or event data for one or more of the computing devices (or aggregated information for a plurality of the computing devices) taken over time.[0003] a non-transitory computer-readable medium, according to various embodiments, stores computer-executable instructions for: (a) receiving first system event data for a first computing device having a

Search [SP]: background [0001] when diagnosing computing issues, technicians or others may only be able to ascertain information about the computing device in its current state. this can make it difficult to determine whether the device is truly performing in a sub-standard way and, if so, what is causing the sub-standard performance. accordingly, there is a need for improved systems and methods for assisting a user in assessing and/or improving the performance of computing devices. summary [0002] a non-transitory computer-readable medium storing computer-executable instructions for: (a) storing, in memory, time stamped performance data associated with each of a plurality of computing devices taken over time (b) storing, in memory, time stamped event data associated with each of said plurality of computing devices taken over time and (c) using at least said time stamped performance data and/or said event data to provide an individual associated with a first of said plurality of computing devices with a comparison of a performance of said first computing device with a typical performance of other computing devices, from said plurality of computing devices, that are similar to said first computing device. this comparison may, for example, be in the form of a longitudinal display of information that displays performance and/or event data for one or more of the computing devices (or aggregated information for a plurality of the computing devices) taken over time.[0003] a non-transitory computer-readable medium, according to various embodiments, stores computer-executable instructions for: (a) receiving first system event data for a first computing device having a

device profile, the device profile comprising one or more characteristics (b) receiving first performance data for the first computing device (c) receiving second system event data for at least one second computing device having the device profile (d) receiving second performance data for the least one second computing device and (e) enabling a user to compare the first system event data, the first performance data, the second system event data, and the second performance data.[0004] a computer system, according to particular embodiments, comprises at least one processor. in various embodiments, the computer system is configured for: (a) receiving first data associated with a first mobile computing device, the first data comprising first performance data and at least one first system event and the first mobile computing device comprising at least one mobile device characteristic (b) receiving second data associated with one or more second mobile computing devices, wherein the second data comprises second performance data and at least one second system event for each of the one or more second mobile computing devices (c) establishing at least one profile, the at least one profile being associated with the at least one mobile device characteristic (d) determining which of the one or more second computing devices has the at least one mobile device characteristic (e) at least partially in response to determining that the one or more second computing devices have the at least one mobile device characteristic, assigning the one or more second computing devices to the profile (f) determining whether the first computing device has the at least one mobile device characteristic and (g) displaying the first data and the second data of the one or more second computing devices assigned to the profile to a user of the first mobile device.[0005] a computer-implemented method, according to various embodiments, comprises receiving, by a processor, system event data and system performance data for a plurality of computing devices. in particular embodiments, the plurality of computing devices comprise a first computing device associated with first system event data and first system performance data and share at least one profile based at least on one or more characteristics of the plurality of computing devices. in various embodiments, the computer-implemented method further comprises: determining, by a processor, an average performance metric for the plurality of computing devices based at least in part on the system event data and the system performance data determining, by a processor, a first performance metric for the first computing device based at least in part on the first system event data and the first system performance data and displaying, by a processor, the average performance metric and the first performance metric to a user of the first computing device. brief description of the drawings [0006] various embodiments of a system and method for collecting, tracking, and storing performance and system information for computing devices are described below. in the course of this description, reference will be made to the accompanying drawings, which are not necessarily drawn to scale, and wherein:[0007] fig. 1 is a block diagram of a computing device diagnostic system in accordance with an embodiment of the present system[0008] fig. 2 is a schematic diagram of a computer, such as the system information server of fig. 1, that is suitable for use in various embodiments[0009] fig. 3 depicts a flow chart that generally illustrates various steps executed by a system diagnostic modules that, for example, may be executed by the system information server of fig. 1[0010] figs. 4-9 are exemplary screen displays of the system according to various embodiments. detailed description [0011] various embodiments now will be described more fully hereinafter with reference to the accompanying drawings. it should be understood that the invention may be embodied in many different forms and should not be construed as limited to the embodiments set forth herein. rather, these embodiments are provided so that this disclosure will be thorough and complete, and will fully convey the scope of the invention to those skilled in the art. like numbers refer to like elements throughout. overview [0012] in various embodiments, a system and method for collecting, tracking, and storing performance and system information for computing devices (e.g., desktop computers, mobile computing devices such as tablet computers, smartphones, etc.) is configured to store system and performance information for one or more computing devices (e.g., one or more similar computing devices) and in particular for mobile computing devices. in various embodiments, the computing device performance information includes any suitable performance information such as, for example, battery usage, processor resource usage, etc. for the computing device. the computing device system information may include any suitable system information (e.g., event information), such as, for example: (1) signal level changes (e.g., a change in signal strength in a connection to a wireless network) (2) information about newly installed software (3) a log of peripheral devices that have been connected to or disconnected from the computing device (e.g., such as printers, scanners, smartphones, etc. via usb, firewire or other suitable port associated with the computing device) (4) information about what computer networks the computing device has connected and/or disconnected from (5) any websites visited via the computing device, etc.[0013] in various embodiments, the system collects and stores this information at substantially regular intervals (e.g., daily, weekly, hourly, or any other suitable interval). in other embodiments, the system is configured to collect data substantially automatically as events occur. for example, in the case of a smartphone, the system may collect information about a system event related to the installation of a new software application on the smartphone. the system event data in this example may include, for example, a publisher of the software application, a version of the software application, or any other information related to the software application. in various embodiments, the collected information may be used to provide a longitudinal view of the computing device's performance and system information (e.g., snapshots or other depictions of the performance and system information over time).[0014] in particular embodiments, the system is configured to store and transmit the collected information to, for example, a cloud storage server or other server for later retrieval. the system may be configured to transmit the information at substantially regular intervals, in response to a pre-determined event, such as in response to determining that the device is idle and charging, or at any other suitable time.[0015] the system, in various embodiments, is configured to provide this information to a user that is troubleshooting performance issues on a particular computing device. in particular embodiments, the system provides this information for only the particular computing device being troubleshot. in other embodiments, the system is configured to provide this information for the computer being troubleshot as well as information (e.g., aggregated information) associated with computing devices that are similar to the computing device at issue. these similar computing devices may include, for example: (1) similar device manufacturers and models (2) devices having similar hardware configurations (e.g., such as similar processors, similar amounts of ram, etc.) (3) similar types of computing devices (e.g., other tablet computers, other smartphones, etc.) (4) computing devices located in similar geographic areas (5) computing devices running similar software (6) computing devices connected via similar or the same networks (e.g., particular local area networks, cellular telephone networks, etc.) (7) computing devices with similar c (Results 28)

Search 4 and PD<20130913 (Results 19)
5:

Title: WEB SERVER AND METHOD FOR HOSTING A WEB PAGE FOR PRESENTING LOCATION BASED USER QUALITY DATA RELATED TO A COMMUNICATION NETWORK

Abstract: A web-server communicates wireless networking performance data that reflects the true user experience of a mobile device operating in a particular location and operating on a particular wireless network.

Classifications:

International (IPC 8-9): G06F3/0484 H04L12/24 H04L12/26 H04W24/00 H04W24/02 H04W4/00 H04W4/02 (Advanced/Invention); H04W4/00 (Advanced/Non-invention); H04L12/26 (Core/Invention)

CPC: H04W24/00 H04L41/12 H04L43/0823 H04L41/147 H04L43/067 H04W4/02 H04L41/22 G06F3/04842 H04L43/10 H04L43/06 H04W24/02 H04W4/38

European: H04L12/26M3B H04L41/12 H04L43/08E

US: 1/1 370/252 370/252P 370/338 455/456.1 709/217 709/224 715/736

PatBase - US2010091677_AA

Patent Application Publication Apr. 15, 2010 Sheet 1 of 11 US 2010/0091677 A1

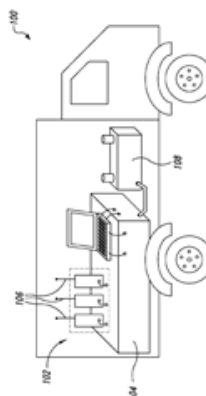


FIG. 1
(Prior art)

Family:

Publication number	Publication date	Application number	Application date
US2010091677 AA	20100415	US20090574655	20091006
US2013132517 AA	20130523	US20130745335	20130118
US2013196685 AA	20130801	US20130801916	20130313
US2015319048 AA	20151105	US20150796992	20150710
US2015341226 AA	20151126	US20150815792	20150731
US8379532 BB	20130219	US20090574655	20091006
US9083610 BB	20150714	US20130745335	20130118
US9113345 BB	20150818	US20130801916	20130313
US9485152 BB	20161101	US20150796992	20150710

Priority:

US20080103141P 20081006 US20090574655 20091006 US20130745335 20130118
US20130801916 20130313 US20150796992 20150710 US20150815792 20150731

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Agent(s): SEED INTELLECTUAL PROPERTY LAW GROUP PLLC; SEED IP LAW GROUP PLLC; SEED IP LAW GROUP PLLC;
SEED IP LAW GROUP LLP

Title: METHOD AND APPARATUS FOR DETERMINING BEHAVIORAL PROFILE OF A COMPUTER USER

Abstract: Computer network method and apparatus provides targeting of appropriate audience based on psychographic or behavioral profiles of end users. The psychographic profile is formed by recording computer activity and viewing habits of the end user. Content of categories of interest and display format in each category are revealed by the psychographic profile, based on user viewing of age information. Using the profile (with or without additional user demographics), advertisements are displayed to appropriately selected users. Based on regression analysis of recorded responses of a first set of users viewing the advertisements, the target user profile is refined. Viewing by and regression analysis of recorded responses of subsequent sets of users continually auto-targets and customizes ads for the optimal end user audience.

Classifications:

International (IPC 8-9): G06F17/30 G06Q30/00 G06Q30/02 H04L12/18 H04L12/26 H04L29/06 H04L29/08 (Advanced/Invention);

H04L29/08 (Advanced/Non-invention);

G06F17/30 G06Q30/00 H04L12/18 H04L12/26 H04L29/06

H04L29/08 (Core/Invention)

International (IPC 1-7): G06F17/30 G06F17/60 G06F19/00 H04L H04L12/26 H04L29/06

CPC: H04L67/22 H04L67/306 H04L69/329 G06Q30/02 G06Q30/0201 G06Q30/0204 G06Q30/0251 H04L12/1859 H04L29/06

European: G06F17/60B2 G06Q30/02 G06Q30/0201 G06Q30/0204

G06Q30/0251 H04L12/18P H04L29/06 H04L29/08N21 H04L29/08N29U T04L29/08A7

US: 455/6.2 705/1 705/10 705/14.49 705/7.29 705/7.33 725/14 725/46

PatBase - US5848396_A

U.S. Patent Dec. 8, 1998 Sheet 1 of 10 5,848,396

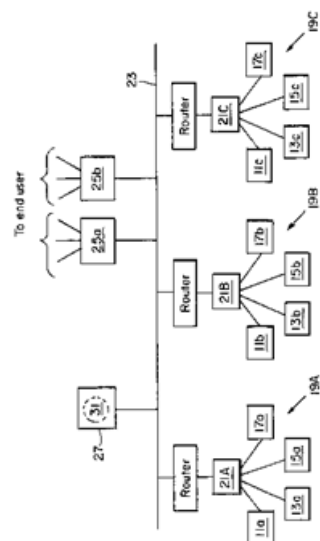


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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CA2252568 C	20060711	CA19972252568	19970422
DE69733606 D1	20050728	DE19976033606	19970422
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EP0895685 A2	19990210	EP19970922404	19970422
EP0895685 B1	20050622	EP19970922404	19970422
IL126720 A0	19990817	IL19970126720	19970422
US5848396 A	19981208	US19960634900	19960426
US5848396 C1	20110614	US19960634900	19960426
US5991735 A	19991123	US19980132277	19980811
US5991735 C1	20110607	US19980132277	19980811
WO9741673 A2	19971106	WO1997US06767	19970422
WO9741673 A3	19980205	WO1997US06767	19970422

Priority:

US19960634900 19960426 WO1997US06767 19970422 US19980132277 19980811

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Agent(s): OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL

Designated states: AT BE CA CH DE DK ES FI FR GB GR IE IL IT LI LU MC NL PT SE

Title: SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS

Abstract: Systems and methods for measuring wireless device and wireless network usage and performance metrics are set forth. The system includes at least one wireless device, and data gathering software installed on the wireless device for collecting device parametric data, network parametric data, event data. A control center may receive, store and process said device parametric data, network parametric data, and event data.

Classifications:

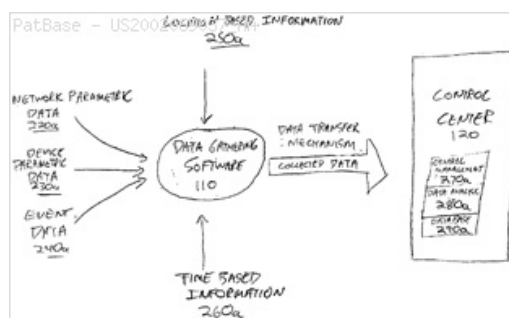
International (IPC 8-9): H04L12/24 H04L12/26 H04L12/56 H04L29/06 H04L29/08 H04W24/00 H04W24/08 H04W4/02 H04W4/12 H04W4/26 H04W8/20 H04W84/18 (Advanced/Invention); H04L29/08 (Advanced/Non-invention); H04L12/24 H04L12/26 H04L12/56 H04L29/08 H04W24/00 (Core/Invention); H04L29/08 (Core/Non-invention); H04L (Subclass/Invention)

International (IPC 1-7): G06F15/00 G06F15/16 H04B17/00 H04L12/00 H04L12/24 H04L12/26 H04L12/56 H04Q7/34

CPC: H04L67/22 H04L67/303 H04L69/329 H04L67/04 H04L67/125 H04L41/5038 H04L41/5003 H04L41/509 H04L41/5096 H04W24/00 H04L41/12 H04L41/5009 H04L41/5087 H04L41/5093 H04L43/00 H04L43/022 H04L43/106 H04M3/42136

European: H04L12/24S1G H04L12/26M H04L29/08N11M H04L29/08N21 H04L29/08N29T H04L29/08N3 H04L41/12 H04L41/50F H04L43/00 T04L12/24S1 T04L12/24S1B2 T04L12/24S6B T04L12/24S6D T04L12/24S6F T04L12/24S6G T04L12/26M1A T04L12/26M4B T04L29/08A7 T04L41/50A T04L41/50A2 T04L41/50M2 T04L41/50M3 T04L41/50M4 T04L41/50M5 T04L43/02A T04L43/10B T04M3/42E T04W24/00

US: 455/405 455/423 455/456.1 455/67.11 702/186 702/186P



Family:

Publication number	Publication date	Application number	Application date
AU2001288621 AA	20020313	AU20010288621	20010831
AU200188621 A1	20020313	AU20010088621	20010831
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Priority:

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Agent(s): SPRUSON AND FERGUSON; EKM PATENT AND TRADE MARKS; BORDEN LADNER GERVAIS LLP; RIDOUT AND MAYBEE LLP; SAMSON AND PARTNER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: VISUALIZATION OF USER INTERACTIONS IN A SYSTEM OF NETWORKED DEVICES

Abstract: As set forth herein, a system identifies soft failures of devices. An interface captures transactional data between one or more users and one or more devices within the system. A data log receives the transactional data from the interface and stores the data as historical data for subsequent retrieval. A warning system evaluates the historical data in the data log to identify one or more devices that have a soft failure condition, wherein an alarm is output for each soft failure identified. A display module combines the historical data from the data log and one or more alarms from the warning system into a single display for review.

Classifications:

International (IPC 8-9): G06F11/00 G06F11/07 G06F11/30

G06F11/32 (Advanced/Invention);

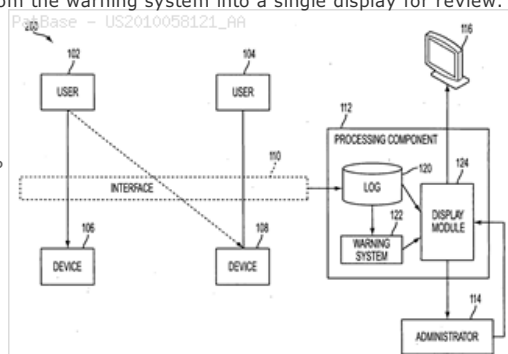
G06F11/07 (Core/Invention)

CPC: G06F11/0733 G06F11/0751 G06F11/3013 G06F11/3065 G06F11/321

European: G06F11/07P1H G06F11/07P2 G06F11/30A3 G06F11/30R

G06F11/32D

US: 358/1.14 714/25 714/47.1 714/47.2 714/47.3 714/48 714/57 714/57P
714/E11.025 714/E11.025S

**Family:**

Publication number	Publication date	Application number	Application date
DE602009008443 D1	20120920	DE200960008443T	20090819
EP2159696 A1	20100303	EP20090168125	20090819
EP2159696 B1	20120725	EP20090168125	20090819
US2010058121 AA	20100304	US20080201093	20080829
US8074124 BB	20111206	US20080201093	20080829

Priority:

US20080201093 20080829 EP20090168125 20090819

Probable Assignee: III HOLDINGS 6 LLC

Assignee(s): (std): BOUCHARD GUILLAUME ; CIRIZA VICTOR ; DONINI LAURENT ; XEROX CORP ; VALOBRA PASCAL

Assignee(s): XEROX CORP ROCHESTER ; III HOLDINGS 6 LLC

Inventor(s): (std): BOUCHARD GUILLAUME ; CIRIZA VICTOR ; DONINI LAURENT ; VALOBRA PASCAL

Inventor(s): VALOBRA PASCAL 38240 ; DONINI LAURENT 38000 ; CIRIZA VICTOR 38110 ; BOUCHARD GUILLAUME 38920

Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER ANWALTSSOZIETAET; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; FAY SHARPE XEROX ROCHESTER; FAY SHARPE LLP

Designated states: AL AT BA 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 RS SE SI SK SM TR

Title: MOBILE CARE ENGINE SYSTEM

Abstract: A mobile care engine system is provided for delivering customer care to mobile devices, comprising. The mobile care engine system compares profile data from a mobile device with reference data and highlights any inconsistencies between the data, so that the device can be optimized. The inconsistencies are preferably determined using rule-based processing, and are automatically highlighted on the device display itself, or on a display of a customer service representative interface. Optionally, the system allows for corrective patches or settings to be sent to the device.

Classifications:

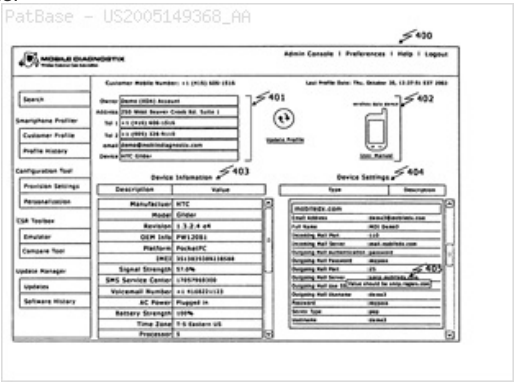
International (IPC 8-9): H04W24/00 (Advanced/Invention);
H04W24/00 (Core/Invention)

International (IPC 1-7): H04Q7/20

CPC: H04W24/00 G06Q10/063 G06Q10/20

European: G06Q10/063 G06Q10/20 H04W24/00

US: 455/423 455/423S 705/305 705/7 705/7.11 705/7.110P 705/7P
717/105 717/114 717/117 717/121 717/125 717/127 717/156 717/170
717/172 717/178



Family:

Publication number	Publication date	Application number	Application date
US2005149368 AA	20050707	US20040889693	20040712
US7643826 BB	20100105	US20040889693	20040712

Priority:

US20040534426P 20040107 US20040889693 20040712

Probable Assignee: QUALCOMM INC

Assignee(s): (std): HEWLETT PACKARD DEVELOPMENT CO

Assignee(s): HEWLETT PACKARD DEVELOPMENT CO LP ; HEWLETT PACKARD DEVELOPMENT COMPANY L P ; MOBILE DIAGNOSTIX INC ; KIM STEPHEN ; PALM INC ; QUALCOMM INC ; BITPHONE INC ; BRUNET JEFFREY ; CHOWDHARY YOUSUF ; COLLINS IAN

Inventor(s): (std): BRUNET JEFFREY ; CHOWDHARY YOUSUF ; COLLINS IAN ; KIM STEPHEN

Agent(s): RENNER KENNER GREIVE BOBAK TAYLOR AND WEBER

Title: SYSTEM AND METHOD FOR NETWORK TRAFFIC AND I/O TRANSACTION MONITORING OF A HIGH SPEED COMMUNICATIONS NETWORK

Abstract: A network monitoring architecture and methodology enabling performance detection and diagnostics in storage area networks or other networks. The network monitoring is performed using a three-tiered distributed computing system architecture, including a data source tier, a portal tier and a client tier. The data source tier monitors the physical data on the network medium using multiple data collection sources, or data probes, connected to the network. The probes analyze network data and generate metrics that describe attributes of the network data. The metrics are used by the data portal tier, which is the second tier of the system. The portal tier encapsulates the metrics into data containers. The data containers may be requested by the client tier, which is the third tier in the network monitoring system. The client tier provides a user interface for displaying various types of network information derived from the contents of data containers.

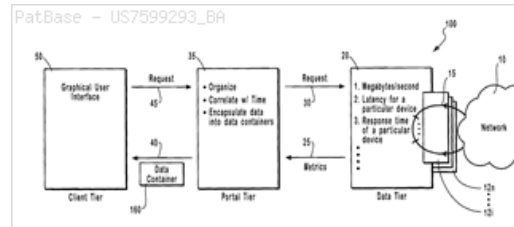
Classifications:

International (IPC 8-9): G01R31/08 G06F15/173 (Advanced/Invention); G01R31/08 G06F15/16 (Core/Invention)

CPC: H04L43/00 H04L41/22 H04L43/026 H04L43/0888 H04L43/12

European: H04L12/26M H04L43/00 T04L12/24F3 T04L12/26M1B T04L12/26M3D2 T04L12/26M5 T04L41/22 T04L43/02B T04L43/08G2 T04L43/12

US: 370/235 370/389 709/201 709/223 709/224 709/235 709/248



Family:

Publication number	Publication date	Application number	Application date
US7599293 BA	20091006	US20020307272	20021127
US7788365 BA	20100831	US20030424361	20030425
US7860965 BA	20101228	US20030424363	20030425

Priority:

US20020375511P 20020425 US20020307272 20021127 US20030424361 20030425
US20030424363 20030425

Probable Assignee: JDS UNIPHASE CORP

Assignee(s): (std): BAIN LAWRENCE M ; BAIN LAWRENCE MICHAEL ; FOSTER CRAIG E ; FOSTER CRAIG EVERETT ; SCHONDELMAYER ADAM HUGH ; JDS UNIPHASE CORP

Assignee(s): TRIPLEPOINT CAPITAL LLC ; TRIPLEPOINT VENTURE GROWTH BDC CORP ; WESTERN ALLIANCE BANK ; FINISAR CORP

Inventor(s): (std): BAIN LAWRENCE MICHAEL ; FOSTER CRAIG EVERETT ; SCHONDELMAYER ADAM HUGH ; POELSTRA HENRY DAVID ; OTIS ROBERT WITHEROW ; MANN JASON DAVID ; KLOTZ STEVEN RONALD ; HORNYAK KENNETH R ; FOSTER CRAIG E ; BAIN LAWRENCE M

Agent(s): WORKMAN NYDEGGER; PEQUIGNOT AND MYERS LLC; MATTHEW A

Title: SCALABLE INTERACTIVE DISPLAY OF DISTRIBUTED DATA

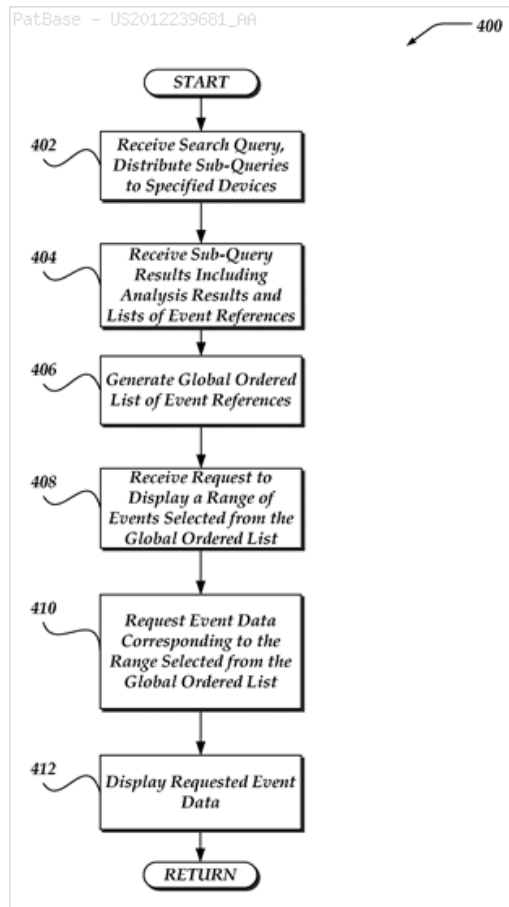
Abstract: A method, system, and processor-readable storage medium are directed towards generating a report derived from data, such as event data, stored on a plurality of distributed nodes. In one embodiment the analysis is generated using a "divide and conquer" algorithm, such that each distributed node analyzes locally stored event data while an aggregating node combines these analysis results to generate the report. In one embodiment, each distributed node also transmits a list of event data references associated with the analysis result to the aggregating node. The aggregating node may then generate a global ordered list of data references based on the list of event data references received from each distributed node. Subsequently, in response to a user selection of a range of global event data, the report may dynamically retrieve event data from one or more distributed nodes for display according to the global order.

Classifications:

International (IPC 8-9): G06F15/16 G06F17/30 G06F7/00 H04L12/24 H04L29/08 (Advanced/Invention)

CPC: G06F17/30353 G06F17/30312 G06F17/30551 H04L67/1097 G06F17/30386 G06F17/30194 G06F17/30486 G06F17/30554 G06F17/30973 G06F17/30991 H04L41/0604 H04L41/22 G06F17/30477 G06F17/30864 G06F17/30545 G06F17/30528 G06F17/30483 G06F17/30675 G06F17/3053 G06F17/30867

US: 1/1 707/722 707/723 707/725 707/727 707/736 707/769 707/770 707/795 707/796 707/E17.014

**Family:**

Publication number	Publication date	Application number	Application date
US2012239681 AA	20120920	US20110223167	20110831
US2013073542 AA	20130321	US20120660845	20121025
US2014136529 AA	20140515	US20140158421	20140117
US2014317111 AA	20141023	US20140266838	20140501
US2015058325 AA	20150226	US20140530689	20141031
US2015058326 AA	20150226	US20140530692	20141101
US2015058375 AA	20150226	US20140530680	20141031
US2015347526 AA	20151203	US20150815978	20150801
US2016140181 AA	20160519	US20160006055	20160125
US2016342601 AA	20161124	US20160224657	20160731
US8751529 BB	20140610	US20120660845	20121025
US8990245 BB	20150324	US20140158421	20140117
US9129028 BB	20150908	US20140530680	20141031
US9245039 BB	20160126	US20140266838	20140501
US9430574 BB	20160830	US20150815978	20150801
WO12125634 A1	20120920	WO2012US28922	20120313
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Priority:

US20110452591P	20110314	US20110223167	20110831	US20120660845	20121025
US20140158421	20140117	US20140266838	20140501	US20140530680	20141031
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US20160006055	20160125	US20160224657	20160731		

Probable Assignee: SPLUNK INC

Assignee(s): (std): 3SPLUNK INC ; SORKIN STEPHEN PHILLIP ; SPLUNK INC ; ZHANG STEVE YU

Inventor(s): (std): SORKIN STEPHEN P ; ZHANG STEVE YU ; SORKIN STEPHEN PHILLIP
Agent(s): KIRK D; HICKMAN PALERMO TRUONG BECKER BINGHAM WONG LLP; WONG AND REES LLP; BRANCH JOHN W
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: RECOMMENDATIONS FOR REDUCING DATA CONSUMPTION BASED ON DATA USAGE PROFILES

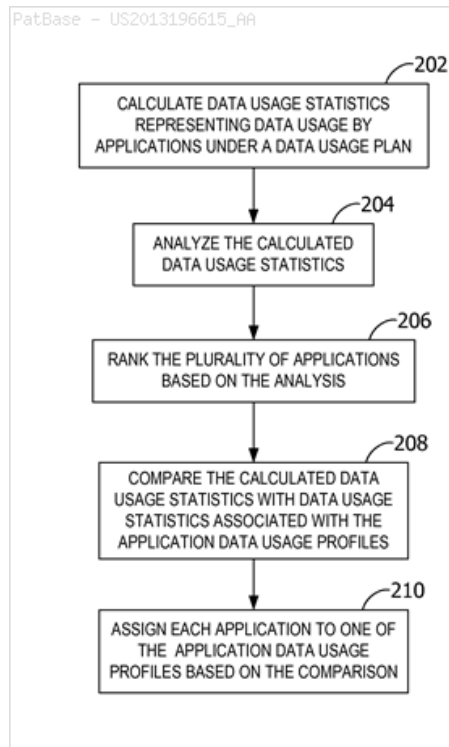
Abstract: Embodiments profile users based on data usage of installed applications and provide recommendations for reducing data usage. A computing device or cloud service determines a plurality of applications installed on the computing device. Data usage patterns associated with each of the determined plurality of applications are identified. The data usage patterns describe data usage over a network for at least one of the determined plurality of applications. One or more recommendations for reducing data usage are defined based on the identified data usage patterns. Some embodiments recommend switching applications, uninstalling applications, or disabling particular network connections.

Classifications:

International (IPC 8-9): G06F11/32 G06F11/34 G06F13/14 G06F9/06 G06F9/46 G06Q G06Q50/32 H04L12/14 H04L12/24 H04L12/26 H04L12/70 H04L29/06 H04M1/00 H04M11/00 H04M15/00 H04W24/02 H04W4/00 H04W4/24 H04W4/26 H04W4/70 H04W48/16 H04W48/18 H04W8/18 H04W88/02 H04W88/06 (Advanced/Invention); H04L12/26 H04M1/725 H04M3/00 H04W24/00 H04W8/18 H04W88/06 (Advanced/Non-invention)

CPC: H04W24/02 H04L43/04 H04L12/1435 H04M1/72522 H04M15/775 H04M15/8044 H04M15/83 H04M15/84 H04M15/846 H04M15/85 H04M15/856 H04M15/86 H04W8/18 H04M15/41 H04W4/26 H04M15/765 H04W88/06 H04M15/60 H04M15/80 H04L43/062 H04M15/58 H04M15/853 H04L43/0876 H04W4/24 H04W8/186 H04M15/7652 H04L43/045 H04M15/854 H04W4/60 H04W4/70

US: 1/1 455/405 455/405 455/405 455/406 455/407 455/414.1 455/466 705/30 705/304 709/224

**Family:**

Publication number	Publication date	Application number	Application date
AU2013212632 AA	20130801	AU20130212632	20130121
AU2013212632 BB	20170803	AU20130212632	20130121
BR112014018380 A2	20170620	BR20141118380	20130121
BR112014018380 A8	20170711	BR20141118380	20130121
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CN104081339 A	20141001	CN201380006974	20130124
CN104081360 A	20141001	CN201380006806	20130121
CN104081360 B	20170613	CN201380006806	20130121
DE602013004784 D1	20160303	DE201360004784T	20130121
DE602013036087 D1	20180509	DE201360036087T	20130124
EP2807553 A1	20141203	EP20130741434	20130124
EP2807553 A4	20141203	EP20130741434	20130124
EP2807553 B1	20180418	EP20130741434	20130124
EP2807561 A1	20141203	EP20130741633	20130121
EP2807561 A4	20141203	EP20130741633	20130121
EP2807561 B1	20160120	EP20130741633	20130121
IN05420CN2014 A	20160226	IN2014CN05420	20140714
JP2015508632 T2	20150319	JP20140554805T	20130124
JP2015515157 T2	20150521	JP20140554756T	20130121
JP6195313 B2	20170913	JP20140554756T	20130121
KR20140117616 A	20141007	KR20147023636	20130124
KR20140119160 A	20141008	KR20147023845	20130121
MX2014008566 A1	20141013	MX20140008566	20130121
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RU2014131055 A	20160220	RU20140131055	20130121
RU2614538 C2	20170328	RU20140131055	20130121
TW201336281 A	20130901	TW20130102234	20130121
TW201342960 A	20131016	TW20130101668	20130116
TWI603642 B	20171021	TW20130101668	20130116
US2013196615 AA	20130801	US20120721023	20121220
US2013196616 AA	20130801	US20120721029	20121220
US2013196617 AA	20130801	US20120721041	20121220

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US2017373959 AA	20171228	US20170589994	20170508
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US9264556 BB	20160216	US20120721083	20121220
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WO13112390 A1	20130801	WO2013US22353	20130121
WO13112647 A1	20130801	WO2013US22822	20130124

Priority:

US20120591509P	20120127	US20120591503P	20120127	US20120696472P	20120904
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US20120721058	20121220	US20120721032	20121220	US20120721083	20121220
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US20180876094	20180119				

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): GUDAY SHAI ; JIANG YUE ; KWOK ALEC GARVIN ; MA KENNETH VINCENT ; MICROSOFT CORP ; SCOTT GREGORY JAMES ; ZALMANOVITCH GIL ; MICROSOFT TECHNOLOGY LICENSING LLC ; MICROSOFT TECH LICENSING LLC

Assignee(s): MAJKROSOFT TEKNOLODZHI LAJSENSING ELELSI ; MICROSOFT TECHNOLOGY LICENSING LLC REDMOND ; MICROSOFT CORPONE MICROSOFT WAYREDMONDWA98052-6399US

Inventor(s): (std): ALEC GARVIN KWOK ; GIL ZALMANOVITCH ; GREGORY JAMES SCOTT ; GUDAY SHAI ; GUDEJ SHAJ ; JIANG YUE ; KENNETH VINCENT MA ; KVOK ALEK GARVIN ; KWOK ALEC GARVIN ; MA KENNET VINSENT ; MA KENNETH VINCENT ; SHAI GUDAY ; SKOTT GREGORI DZHEJMS ; TSZYAN YUE ; YUE JIANG ; ZALMANOVICH DZHIL ; ZALMANOVITCH GIL ; SCOTT GREGORY JAMES

Inventor(s): SCOTT GREGORY JAMES REDMOND ; SCOTT GREGORY JAMESUS ; ZALMANOVITCH GIL REDMOND ; ZALMANOVITCH GILUS ; MA KENNETH VINCENT REDMOND ; MA KENNETH VINCENTUS ; KWOK ALEC GARVIN REDMOND ; KWOK ALEC GARVINUS ; JIANG YUE REDMOND ; JIANG YUEUS ; GUDAY SHAI REDMOND ; GUDAY SHAIUS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; OLSWANG GERMANY LLP; FISCHER MICHAEL MARIA; CMS CAMERON MCKENNA NABARRO OLSWANG LLP; OHNUKI SHINSUKE; ITOH TADAHIKO; ITOH TADASHIGE; JOHN; MICKY; KATE; MIKE; BRIAN; SUNAH; DAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND APPARATUS FOR AUTOMATIC SELECTION AND PRESENTATION OF SALES PROMOTION PROGRAMS

Abstract: A sales promotion program is dynamically selected from a plurality of programs for presentation in a program presentation unit by a neural network that makes its selection based on first detecting if a person is in the area immediately around the program presentation unit, then either selecting a general attract loop sales promotion program with the trained neural network using a set of predetermined system criteria if no person is detected in the immediate area or selecting a specific loop sales promotion program if at least one person is detected in the immediate area. The neural network is trained by selecting general attract loop programs that are run and then collecting data indicative of the number of persons responding to the general attract loop and also by selecting specific loop programs that are run if a person is in the immediate area and then collecting data indicative of the responses to the specific loop programs. The collected data thereby represents the success of the various sales programs in attracting and holding the attention of persons. The collected data is provided to the neural network in any one of a plurality of training schemes typical for neural networks, after which the trained neural network is provided with current, real-time selection data such that the trained network can select the most appropriate sales promotion program for running. The network can be retrained at regular intervals or in response to sales data or changes in the collected data.

Classifications:

International (IPC 8-9): G06Q30/00 G06Q30/02

G09F27/00 (Advanced/Invention);

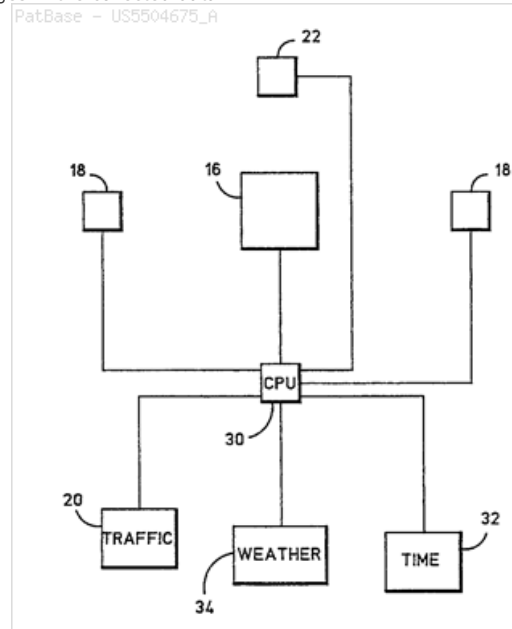
G06Q30/00 (Core/Invention)

International (IPC 1-7): G06F17/60 G09F27/00

CPC: G06Q30/02 G06Q30/0241

European: G06F17/60B2 G06Q30/02 G06Q30/0241

US: 340/5.91 340/825.33 364/400 364/401 700/90 705/14 705/14.4



Family:

Publication number	Publication date	Application number	Application date
CA2155887 AA	19960623	CA19952155887	19950811
CA2155887 C	20000321	CA19952155887	19950811
US5504675 A	19960402	US19940363195	19941222

Priority:

US19940363195 19941222 CA19952155887 19950811

Probable Assignee: IBM

Assignee(s): (std): IBM

Assignee(s): INT BUSINESS MACHINES CORP ; KELSEY TODD MARK ; LUND STEPHEN HOLLIS ; CRAGUN BRIAN JOHN

Inventor(s): (std): LUND STEPHEN HOLLIS ; KELSEY TODD MARK ; CRAGUN BRIAN JOHN ; LUND STEPHEN H ; KELSEY TODD M ; CRAGUN BRIAN J

Agent(s): BARRETT BP

Title: SYSTEM AND METHOD FOR MAKING MOBILE APPLICATIONS FAULT TOLERANT

Abstract: In one aspect of the invention, a fault tolerant system for recovering from transient faults in a mobile computing environment is provided. The fault tolerant system comprises a configurable reliable messaging system, which includes a client computer operative to generate a message and a server computer operative to receive the message and to generate a reply in response to the message across a communication network. The messaging system also includes a client logging agent on the client operative to buffer the message in a persistent storage on the client and to transmit the message to the server until the reply is received. The client logging agent executes in response to a client logging signal. The messaging system further includes a server logging agent on the server operative to buffer the received message and the reply in a persistent storage on the server and to transmit the reply to the client. The server logging agent executes in response to a server logging signal. In addition, the messaging system includes a configuration agent operative to generate the client and server logging signals to selectively enable the client and server logging agents. The fault tolerant system further comprises a recoverable runtime engine for managing a lifecycle of at least one application executing in the mobile computing environment. The runtime engine is operative to save and restore an execution state to restart execution of the application following the transient faults.

Classifications:

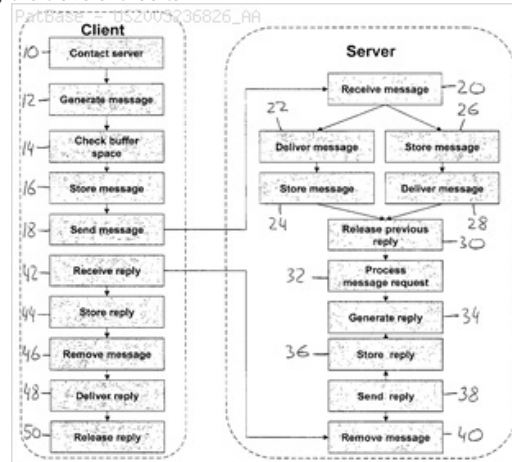
International (ipc 8-9): G06F11/00 G06F11/14 G06F15/00 G06F15/16 G06F15/173 G06F9/00 G06F9/46 G06F9/50 H04B7/26 H04L12/28 H04L12/56 H04L29/06 H04L29/08 (Advanced/Invention); H04L29/08 (Advanced/Non-invention); G06F11/00 G06F11/14 G06F15/00 G06F15/16 G06F9/00 G06F9/46 H04B7/26 H04L12/28 H04L12/56 H04L29/06 H04L29/08 (Core/Invention); H04L29/08 (Core/Non-invention)

International (ipc 1-7): G06F11/00 G06F15/00 G06F15/16 G06F9/00 G06F9/46 H04B7/26 H04L12/66

CPC: G06F9/46 G06F9/505 H04L67/125 H04L67/00 H04L69/324 H04L69/329 G06F11/1443 G06F11/1471 G06F11/1479 H04L29/06 G06F9/546 H04L63/20 H04W12/00 H04W80/00

European: G06F11/14A8T G06F9/46 G06F9/50A6L H04L29/06 H04L29/06C6C H04L29/06C6C2 H04L29/08N H04W212/00 H04W31/00 H04W6/00 S06F11/14A12 S06F11/14S S06F221/2119 T04L29/06C6M T04L29/08A2 T04L29/08A7 T04W280/00 T04W38/00 T04W80/00

US: 370/352 370/352P 709/203 709/203P 709/224 709/226 714/E11.141 714/E11.141S

**Family:**

Publication number	Publication date	Application number	Application date
AU2003230776 AA	20040106	AU20030230776	20030331
CN101039330 A	20070919	CN200710085473	20030331
CN101039331 A	20070919	CN200710085474	20030331
CN1326035 C	20070711	CN20038009998	20030331
CN1650255 A	20050803	CN20038009998	20030331
EP1516244 A1	20050323	EP20030723869	20030331
EP1516244 A4	20070808	EP20030723869	20030331
JP2005531061 T2	20051013	JP20040515623T	20030331
US2003236826 AA	20031225	US20020179994	20020624
US2004001476 AA	20040101	US20020179929	20020624
US2004003029 AA	20040101	US20020179910	20020624
US7454458 BB	20081118	US20020179910	20020624
WO04001585 A1	20031231	WO2003US09934	20030331

Priority:

US20020179910 20020624 US20020179929 20020624 US20020179994 20020624
WO2003US09934 20030331

Probable Assignee: GOOGLE INC

Assignee(s): (std): DOCOMO COMMUNICATIONS LABORATORIES USA INC ; DOCOMO COMM LAB USA INC ; NTT DOCOMO INC

Assignee(s): SHOAIB SHAHID ; GOOGLE INC ; GOOGLE LLC ; ISLAM NAYEEM

Inventor(s): (std): ISLAM NAYEEM ; SHOAIB SHAHID ; SHAHID SHOAIB ; SHAHID ISLAM NAYEEM SHOAIB ; NAYEEM ISLAM

Inventor(s): ISLAM NAYEEM SHOAIB SHAHID

Agent(s): BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Title: RADIO LAN DEVICE

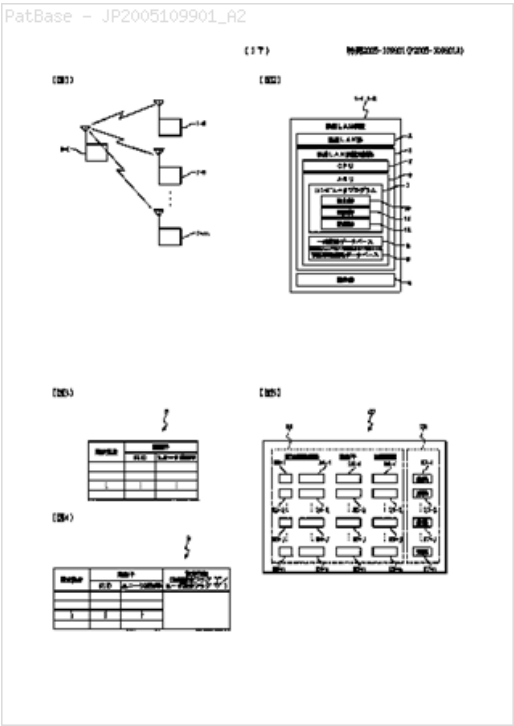
Abstract: PROBLEM TO BE SOLVED: To support a connection between a radio LAN part and a radio LAN access point when a user uses the radio LAN part to communicate with the radio LAN access point. SOLUTION: This radio LAN device comprises the radio LAN part, an identifier detecting part, a display part and control part. The radio LAN part receives radio waves from each of a plurality of pieces of radio equipment in response to a connection request by the user. The respective radio waves of the plurality of radio equipment include their own identifiers, and an identifier includes a maker identifier representing a maker. The identifier detecting part detects identifiers included in respective radio waves of the plurality of pieces of radio equipment. The control part displays images (20 and 21) for associating radio related information relating to the respective radio waves of the plurality of pieces of radio equipment with the identifiers on the display part. The image (20) includes an operation image (22) for the user determining a connection between the radio LAN part and one piece of radio equipment (radio LAN access point) among the plurality of pieces of radio equipment.

Classifications:

International (IPC 8-9): H04L12/28 (Advanced/Invention);

H04L12/28 (Core/Invention)

International (IPC 1-7): H04L12/28



Family:

Publication number	Publication date	Application number	Application date
JP2005109901 A2	20050421	JP20030340881	20030930
JP3912680 B2	20070509	JP20030340881	20030930

Priority:

JP20030340881 20030930

Probable Assignee:

NEC CORP

Assignee(s): (std):

NEC CORP

Inventor(s): (std):

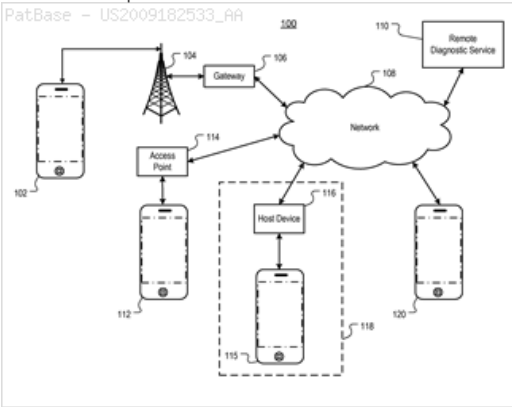
YAGI YASUNARI

Title: REMOTE DIAGNOSTIC SERVICE

Abstract: Diagnostic events can be collected on electronic devices at geographically distributed service centers and transmitted to a remote (e.g., network-based) diagnostic service. The diagnostic service can aggregate and analyze the diagnostic events to determine, for example, one or more possible causes of the diagnostic events, and can provide information or guidance to users and/or service personnel for characterizing, resolving or explaining the diagnostic events. In one aspect, log files of diagnostic events captured on devices are sent to the diagnostic service. For each log file, the diagnostic service can compute frequencies of recorded diagnostic events. The computed frequencies can be compared against accepted and/or expected values generated from reference data. The diagnostic service can respond to users and/or service personnel with information or guidance for resolving, characterizing or explaining the diagnostic event based on a result of the comparisons.

Classifications:

International (IPC 8-9): G06F11/00 G06F11/30
H04B17/00 (Advanced/Invention);
G06F11/00 G06F11/30 H04B17/00 (Core/Invention)
CPC: G06F11/0742 G06F11/0748 G06F11/076 G06F11/0793 G06F11/2294
H04L41/0631 H04L41/5061
European: G06F11/07P1J5 G06F11/07P1L G06F11/22R H04L12/24D
H04L12/24S4 H04L41/50J S06F11/07P10 S06F11/07P2A2 T04L41/06B
US: 455/67.11 455/67.110S 702/185 702/185P 702/188 702/188S



Family:

Publication number	Publication date	Application number	Application date
US2009182533 AA	20090716	US20080014048	20080114

Priority:

US20080014048 20080114

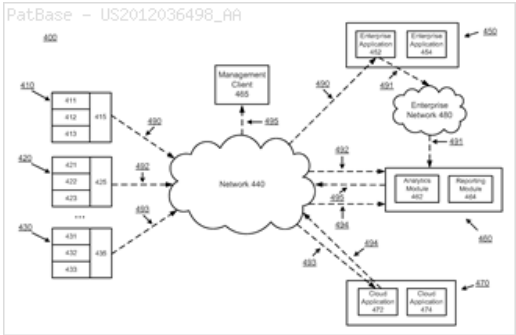
Probable Assignee: APPLE INC
Assignee(s): (std): APPLE INC
Inventor(s): (std): ALBERT ERIC ; NEUENSCHWANDER ERIK ; SEPLOWITZ LYLE
Agent(s): FISH AND RICHARDSON PC

Title: MOBILE APPLICATION PERFORMANCE MANAGEMENT

Abstract: In one embodiment, a non-transitory processor-readable medium stores code representing instructions that when executed cause a processor to receive, at a mobile device, a first signal including a performance datum associated with a first mobile application resident at the mobile device. The code can further represent instructions that when executed cause the processor to receive, at the mobile device, a second signal including a performance datum associated with a second mobile application resident at the mobile device. The code can further represent instructions that when executed cause the processor to send, based on the first signal and the second signal, a third signal including at least one performance metric based at least in part on the performance datum associated with the first mobile application and the performance datum associated with the second mobile application.

Classifications:

International (IPC 8-9): G06F11/07 G06F11/30 G06F11/34
G06F9/44 (Advanced/Invention)
CPC: G06F11/3409 G06F11/0742 G06F11/0748 G06F11/0781
G06F11/0793 G06F11/3013 G06F11/3082 G06F11/3495
US: 1/1 717/124 717/124P



Family:

Publication number	Publication date	Application number	Application date
US2012036498 AA	20120209	US20110105478	20110511
US9158650 BB	20151013	US20110105478	20110511

Priority:

US20100370482P 20100804 US20110105478 20110511

Probable Assignee: BLACKBERRY LTD

Assignee(s): (std): AKIREKADU ASHWATH NARAYAN ; BERK MITCHELL F ; BHAT DINESH HARISCHANDRA ; BOXTONE INC ; SNYDER CAREY ALAN ; FISTE III WILLIAM R ; GAFFNEY MICHAEL J

Assignee(s): NXT CAPITAL SBIC LP ITS SUCCESSORS AND ASSIGNS ; GOOD TECHNOLOGY HOLDINGS LTD ; BLACKBERRY LTD

Inventor(s): (std): AKIREKADU ASHWATH NARAYAN ; BERK MITCHELL F ; BHAT DINESH HARISCHANDRA ; FISTE III WILLIAM R ; GAFFNEY MICHAEL J ; SNYDER CAREY ALAN

Agent(s): EIP US LLP

Title: SYSTEMS AND METHODS FOR PROVIDING GUIDANCE ON THE POTENTIAL IMPACT OF APPLICATION AND OPERATING-SYSTEM CHANGES ON A COMPUTING SYSTEM

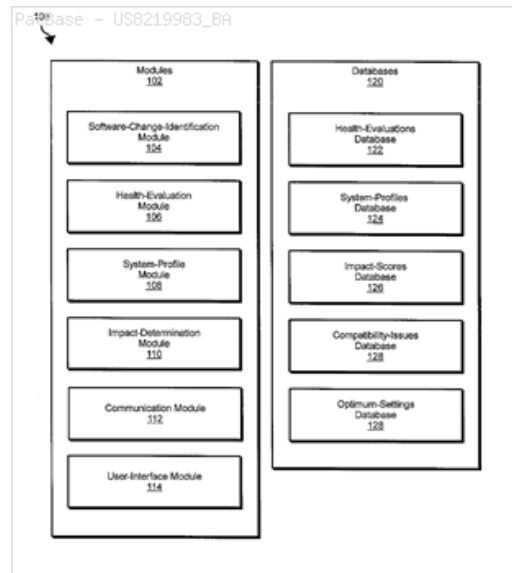
Abstract: A computer-implemented method for determining the impact of a software change on the health of a computing system or an application installed on the computing system may comprise identifying the software change, performing a first health evaluation, allowing the software change to occur, performing a second health evaluation, and then determining the impact of the new application by comparing the results of the second health evaluation with the results of the first health evaluation. Exemplary methods for providing guidance on the potential impact of a software change and for determining the health impact of a software change based on information obtained from a plurality of computing systems are also disclosed. Corresponding systems and computer-readable media are also disclosed.

Classifications:

International (IPC 8-9): G06F9/44 (Advanced/Invention)

CPC: G06F8/60 G06F11/3409 G06F11/3428 G06F2201/81

US: 717/126 717/168 717/169 717/171 717/174 717/176



Family:

Publication number	Publication date	Application number	Application date
US8219983 BA	20120710	US20080059003	20080331
US8694983 BA	20140408	US20120473182	20120516

Priority:

US20080059003 20080331 US20120473182 20120516

Probable Assignee: SYMANTEC CORP

Assignee(s): (std): SATISH SOURABH ; SOBEL WILLIAM E ; SYMANTEC CORP

Inventor(s): (std): SATISH SOURABH ; SOBEL WILLIAM E

Agent(s): ADVANTEDGE LAW GROUP; ALG INTELLECTUAL PROPERTY LLC

Title: MOBILE ACTIVITY MANAGER

Abstract: A computer-implemented method for handling a microflow includes receiving a workflow request that includes a task associated with the workflow and a contact address associated with the task, performing an operation associated with receiving the workflow request that includes at least one of opening a communication session with the contact address and sending a response to the workflow request to the contact address. The method further includes storing the task, prioritizing the task, and performing an operation associated with execution of the workflow including at least one of opening a communications session with the contact address, sending a status associated with performance of the task, and sending a completion status of the task.

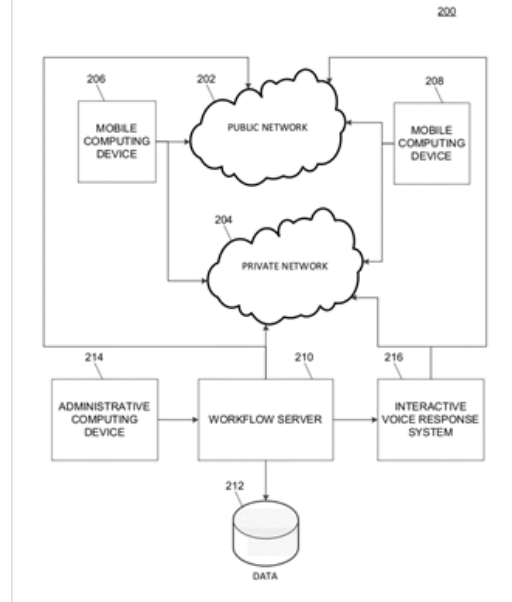
Classifications:

International (IPC 8-9): G06Q10/00 G06Q10/06 (Advanced/Invention)

CPC: G06Q10/0633 G06Q10/06

US: 705/7.11 705/7.12 705/7.13 705/7.14 705/7.15 705/7.150P 705/7.27 705/7.270P

PatBase - US2012209649_HH

**Family:**

Publication number	Publication date	Application number	Application date
US2012209649 AA	20120816	US20120372437	20120213
US2012209650 AA	20120816	US20120372440	20120213
US2012209654 AA	20120816	US20120372444	20120213
US8620709 BB	20131231	US20120372437	20120213

Priority:

US20110441781P 20110211 US20120372437 20120213 US20120372440 20120213
US20120372444 20120213

Probable Assignee: AVAYA INC

Assignee(s): (std): BLACK BRADLEY R ; CHMARA THOMAS P ; OVENDEN FRANCIS A ; ROMAGNINO SILVANA D ; VARNEY JODEE ; AVAYA INC

Assignee(s): AVAYA INTEGRATED CABINET SOLUTIONS INC ; BANK OF NEW YORK MELLON TRUST CO NA ; CITIBANK NA ADMINISTRATIVE AGENT AS ; OCTEL COMMUNICATIONS LLC WAS KNOWN AS OCTEL COMMUNICATIONS CORPORATION.. ; VPNET TECHNOLOGIES INC ; GOLDMAN SACHS BANK USA COLLATERAL AGENT AS ; CITIBANK NA COLLATERAL AGENT AS

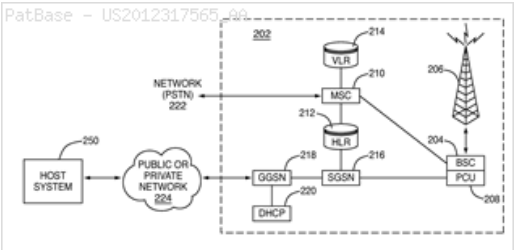
Inventor(s): (std): ROMAGNINO SILVANA D ; OVENDEN FRANCIS A ; BLACK BRADLEY R ; VARNEY JODEE ; CHMARA THOMAS P

Title: METHODS AND DEVICES FOR CONTROLLING ACCESS TO COMPUTING RESOURCES

Abstract: Methods and devices for controlling access to resources are disclosed herein. In one example embodiment, the method comprises: executing an application at a first computing device, wherein an attempt to access a computing resource on the computing device is made by the application; determining that the application is not configured to access the computing resource, in response to the attempt; displaying, in a user interface of the computing device, a permission request to allow the application to access the computing resource; and transmitting data from the computing device to the application server, the data notifying the application server that the attempt to access the computing resource was made by the application when the application was not configured to access the computing resource, and the data being usable by the application server to determine whether a corresponding computing resource on at least one different computing device is likely to be accessed when the application is executed on the at least one different computing device.

Classifications:

International (IPC 8-9): G06F21/24 G06F21/54 G06F9/44 G06F9/445
H04L29/06 (Advanced/Invention);
G06F11/34 G06F9/445 H04L29/08 (Advanced/Non-invention)
CPC: H04L63/10 G06F8/61 G06F8/60 G06F8/65 G06F11/3466 G06F21/54
H04L29/08981 G06F8/656 G06F8/658
US: 1/1 717/128 717/130 717/178 726/29 726/4



Family:

Publication number	Publication date	Application number	Application date
US2012317565 AA	20121213	US20110155217	20110607
US2014109085 AA	20140417	US20130132728	20131218
US8650550 BB	20140211	US20110155217	20110607
US9112866 BB	20150818	US20130132728	20131218

Priority:

US20110155217 20110607 US20130132728 20131218

Probable Assignee: BLACKBERRY LTD

Assignee(s): (std): BLACKBERRY LTD ; CARRARA MICHAEL ANTHONY ; MAJOR DANIEL JONAS ; RESEARCH IN MOTION LTD

Assignee(s): RESEARCH IN MOTION LIMITED

Inventor(s): (std): CARRARA MICHAEL ANTHONY ; MAJOR DANIEL JONAS

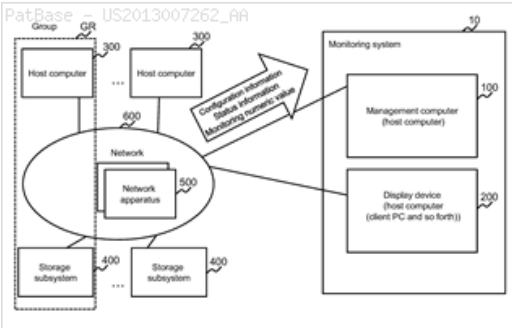
Agent(s): BERESKIN AND PARR LLP SENCRL SRL; MIRIAM; INTEGRAL INTELLECTUAL PROPERTY INC; AMY

Title: MONITORING SYSTEM AND MONITORING METHOD

Abstract: A monitoring system quantifies either a configuration change or a status change of a monitoring target, and displays a change value thereof. Furthermore, the monitoring target refers to either a monitoring-target apparatus or a component of a monitoring-target apparatus. Moreover, in a case where multiple monitoring information acquisition intervals are used a change value may be computed and displayed for each of multiple monitoring targets. There may also be a case in which a time axis of a chronological graph of monitoring numeric values and a time axis of a chronological graph of change values are displayed collectively.

Classifications:

International (IPC 8-9): G06F11/30 G06F11/32 G06F11/34 G06F15/16
G06F15/173 G06F3/048 H04L12/26 (Advanced/Invention)
CPC: G06F11/3055 G06F11/3006 G06F11/3051 G06F11/3079 G06F11/32
H04L43/04 H04L43/0817 H04L43/0852 H04L43/0894
US: 1/1 709/224



Family:

Publication number	Publication date	Application number	Application date
JP2013001609 A1	20150223	JP20130522393T	20110628
JP5546686 B1	20140709	JP20130522393T	20110628
US2013007262 AA	20130103	US20110318576	20110628
US9075850 BB	20150707	US20110318576	20110628
WO13001609 A1	20130103	WO2011JP64830	20110628

Priority:

WO2011JP64830 20110628

Probable Assignee: HITACHI LTD

Assignee(s): (std): AKATOKI HIDENORI ; HITACHI LTD ; KURODA TAKAKI

Inventor(s): (std): AKATOKI HIDENORI ; KURODA TAKAKI

Agent(s): FOLEY AND LARDNER LLP; WILLFORT INTERNATIONAL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SERVICE-ASSISTED NETWORK ACCESS POINT SELECTION

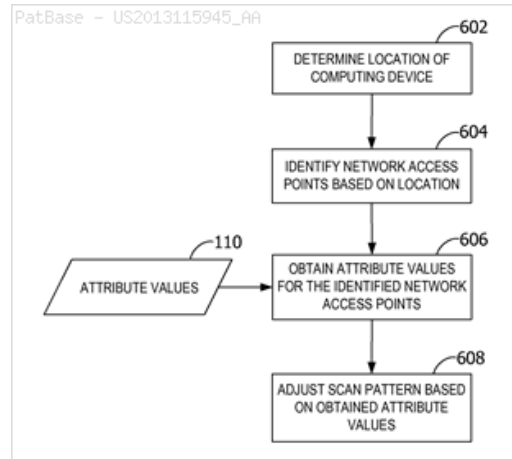
Abstract: Embodiments enable prioritization and selection of network access points (NAP) by a computing device using NAP attribute values. The computing device obtains the attribute values based on a location of the computing device and/or proximate NAPs detected by the computing device. The obtained attribute values are compared to a state of the computing device (e.g., sensor values), user preferences, or other criteria to select at least one of the NAPs for connection with the computing device. In some embodiments, a user of the computing device is presented with a list of Wi-Fi access points ranked according to relevance to the computing device and/or user.

Classifications:

International (IPC 8-9): H04W24/02 H04W4/00 H04W4/02 H04W48/16 H04W48/20 H04W52/02 H04W64/00 (Advanced/Invention); H04W48/20 (Advanced/Non-invention)

CPC: H04W4/02 H04W24/02 H04W52/0212 H04W64/006 H04W48/20 H04W48/16 Y02D70/142 Y02D70/144 Y02D70/164 Y02D70/23

US: 370/311 370/338 370/346 370/461 370/468 455/41.2 455/434 455/435.2 455/456.1

**Family:**

Publication number	Publication date	Application number	Application date
US2013115945 AA	20130509	US20110291116	20111108
US2014162638 AA	20140612	US20140181653	20140215
US2015189584 AA	20150702	US20150657434	20150313
US8665847 BB	20140304	US20110291116	20111108
US9019945 BB	20150428	US20140181653	20140215

Priority:

US20110291116 20111108 US20140181653 20140215 US20150657434 20150313

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): DAOUD NAILE ; GUDAY SHAI ; HOLOSTOV VLADIMIR ; KUEHNEL THOMAS W ; MICROSOFT CORP ; LAMBA TRIPT SINGH ; MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): DAOUD NAILE ; GUDAY SHAI ; HOLOSTOV VLADIMIR ; KUEHNEL THOMAS W ; LAMBA TRIPT SINGH

Agent(s): MICKY; AARON; ANDREW; KATE