

WhatsConfigured

Automated Configuration and Change Management for WhatsUp Gold

AFFORDABLE AND LOW TCO

You will find it easier to do business with Ipswitch thanks to its easy-to-understand, transparent device-based licensing model. Ipswitch delivers an affordable solution with a lower TCO and no downstream cost surprises.

Managing the network configuration and change control processes are important, yet time consuming jobs for Network Admins. When a network configuration is changed, many things can go wrong. The change may not be approved or wanted. The change may not be saved or documented. And worse, the change can break something.

The impact of configuration changes to the network can be significant. They can degrade network performance. They can result in failure to comply with regulatory standards like SOX, PCI, HIPAA and FISMA. And they can compromise network security. WhatsConfigured automates configuration and change management for the routers, switches and firewalls on your network. It archives and audits network configurations, and alerts and reports on any changes. WhatsConfigured is a valuable tool that enables Network Admins to ensure that all devices are running authorized configurations, to secure the network and comply with regulatory standards, and to reduce the time and costs associated with manual and repetitive configuration and change management tasks.

Archive and Restore Network Configurations

WhatsConnected moves far beyond typical IP discovery tools by assembling information from WhatsConfigured provides central archiving of network configurations in a secure encrypted repository. Network Admins can store multiple configurations for each device, including start-up and running configurations.

When a Network Admin adds a new device to the network, he or she can simply download an archived configuration. And if the Network Admin runs into a problem, he or she can restore the device to a known good configuration, minimizing downtime. In both cases, this saves considerable time versus building configurations from scratch.

WhatsConfigured supports bulk configuration changes for multiple devices. For example, many IT organizations mandate monthly password changes to secure their network. WhatsConfigured's bulk change automates this process, rather than changing passwords one device at a time. Bulk changes and other tasks can be scheduled to run automatically.

Alert on Configuration Changes

Network Admins need to account for every network configuration change, approved or not. WhatsConfigured alerts on any changes it detects each time it scans its configuration database. Scans can be scheduled to run automatically to shorten

Device	Configuration Result	Time Alerted
Firewall	Change detected	Tue 9/23 8:11 AM
Firewall	Change detected	Tue 9/11 6:30 AM
Firewall	Change detected	Tue 9/11 6:49 AM
Firewall	Change detected	Tue 9/11 6:55 AM
Firewall	Change detected	Tue 9/11 7:16 AM
Firewall	Change detected	Tue 9/11 8:06 AM
Firewall	Change detected	Mon 9/24 2:26 PM
Firewall	Change detected	Mon 9/24 2:56 PM
Firewall	Change detected	Mon 9/24 3:06 PM
Firewall	Change detected	Mon 9/24 3:16 PM
Firewall	Change detected	Mon 9/24 4:10 PM
Firewall	Change detected	Mon 9/24 4:36 PM
Firewall	Change detected	Mon 9/24 4:46 PM
Firewall	Change detected	Mon 9/24 5:56 PM

Alert configuration for Cisco OSPF (PC):

- Pattern: enable password
- Ignore Data: password encryption is enabled
- Description: strong enable password
- Pattern: login password min-length 10
- Ignore Data: minimum password length must be 10

the window between when a change is made and when an alert is issued. In addition, WhatsUp Gold can also alert on configuration changes using SNMP traps. WhatsConfigured alerts are integrated into the WhatsUp Gold Alert Center, a single source of alerts for the entire WhatsUp Gold suite.

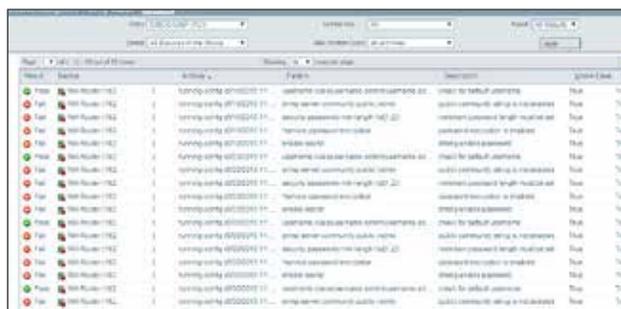
Audit and Report on Network Configurations

WhatsConfigured can be scheduled to run regular audits on network devices to prove compliance with archived configurations. Most organizations also contend with regulatory standards like SOX, PCI, HIPAA and FISMA. They are subject to annual audits which can be costly and disruptive to IT operations. WhatsConfigured automates the management of configuration compliance for these regulatory mandates with out-of-the-box configuration templates.

Policy audits and audit trail reports provide documented proof of compliance, as well as identify any problem areas. As a result, WhatsConfigured improves the efficiency of internal and external audit processes – with less time and money, no disruption, and higher probability of a successful audit.

When authorized changes to network configurations are made, Network Admins need to validate them. When unauthorized changes are made, Network Admins need to find them – quickly. WhatsConfigured simplifies these processes by generating reports comparing running to archived configurations and identifying the specific changes.

With WhatsConfigured, Network Admins can automate configuration and change management to eliminate common and repetitive configuration tasks, to ensure networks are running authorized configurations, to secure the network, and to comply with regulatory standards.



Page	Device	Running Config	Differences
1	LEX Router A	N/A	N/A
2	LEX Router B	N/A	N/A
3	ATX Switch 1	N/A	N/A
4	Class 1	N/A	N/A
5	LEX Switch 1	N/A	N/A
6	Class 2	N/A	N/A
7	Class 3	N/A	N/A
8	LEX Router C	N/A	N/A



Line Number	Line	Change
57	ntp-server community changema RD	Added
7	boot system flash DEST-FILENAME-HERE	Removed

WhatsConfigured is part of the **WhatsUp Gold Suite of Integrated Products**, delivering unified IT monitoring from one single view.

Learn more at:

www.ipswitch.com/infrastructure-and-application-management

For a free 30-day trial please visit: www.ipswitch.com/free-trials/network-configuration-management

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