

Datasheet

WhatsUp® Gold WhatsConfigured

Automated Configuration and Change Management
for Increased Network Reliability

WhatsConfigured Features

Integrated Configuration Management Console

Access and manage the WhatsConfigured Task Library from a central console, which is accessible from the Win32 and Web consoles, schedule any of the three pre-configured tasks, edit these tasks, or create and define custom scripts from the Task Script Library.

Configuration File Download and Storage

Configuration files can be downloaded and stored; allowing the ability to rapidly restore any backed up configuration to replacement devices, any of these processes can either be initiated manually or scheduled in the Task Library.

Authentication Credentials

The WhatsUp Gold credentials library has been enhanced to provide support for both SSH1-2 and Telnet credentials to securely access devices to download or upload configuration files in addition to SNMPv3.

Trivial File Transfer Protocol (TFTP) Server

WhatsConfigured includes a TFTP server to upload and download configuration files or operating system images that are 1MB or larger and cannot be handled by SNMP, Telnet or SSH1-2.

File Compare

When a configuration file is changed on a monitored device, either authorized or unauthorized, WhatsConfigured will download the modified configuration file from the device and automatically start the file comparison report.

Device Passwords

Manage and change device passwords as well as change/update Telnet, SSH, Enable/Secret passwords

Alerting and Notifications

WhatsConfigured utilizes the WhatsUp Gold Alert Center to provide alerting and notification when configuration management related events on monitored devices occur.

Reporting

WhatsConfigured offers network managers various reporting options, such as the ability to compare configuration files as well reports on the System Log.

Extensive Device Support

WhatsConfigured provides extensive out-of-the-box configuration management support for Cisco, HP, Foundry, Extreme, Dell and many other manufacturers.

WhatsUp Gold WhatsConfigured enables effective management of one of the most critical network assets on your network – device configurations. As a fully integrated plug-in, WhatsConfigured automates the key configuration and change management tasks required to maintain and control configuration files for networking devices.

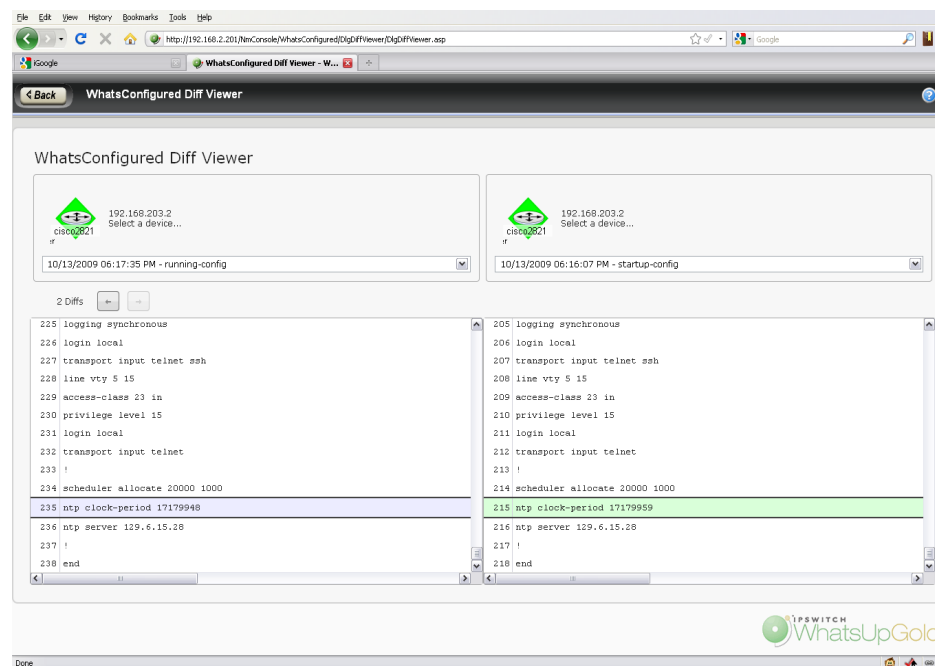
With support for heterogeneous networks, WhatsConfigured provides secure SNMP v1-3, SSH2 or Telnet access as well as TFTP to download and store configuration files in a secure repository. Configuration tasks can be scheduled or manually run for downloads/uploads, file compares and backups. The plug-in also allows users to view and receive alerts when configuration changes occur, as well as view and manage logging of any change events.

WhatsConfigured also reduces the time and effort spent by network managers maintaining device configurations and changes while providing increased security, compliance and visibility.

Embracing Change, Controlling Configurations

Network configuration and change management, or NCCM, is the process of creating and maintaining a centralized and up-to-date record of all the configurations of networking devices such as switches, firewalls, VPN devices, Wireless Access Points and routers present within the infrastructure.

Defining device configurations is as much of an art as it is a science, as networks continue to become more and more complex. Network management professionals spend a significant amount of time establishing and fine-tuning configurations to ensure stable network performance, protect data and secure networks from unauthorized users. With sometimes hundreds of individual devices to manage and maintain, configuration changes are made almost continuously. This makes it difficult for network managers to keep track of all of these changes.



With the new WhatsConfigured 1.0, users can view configurations side by side and quickly locate changes"

Unfortunately, things go wrong. Devices do sometimes fail, and one of the most common causes of network outages is misconfiguration of network devices, and the impact is usually felt immediately. Without a configuration management solution in place, recreating a device configuration from scratch or figuring out what changes and where the change occurred can be next to impossible. The ability to react right away to a device failure or misconfiguration is vital in a sound network management strategy because its impact (performance, security, etc.) is often felt immediately. The capability to download a backup to a new device or replace an existing file can mean the difference between a network outage and a healthy infrastructure.

Improve Network Reliability

One of the most important aspects of a networking professional's job is to ensure that configuration of devices is standardized, maintained and documented. Fully documented configurations are an essential element of complying with legislative initiatives, as well as ensuring adherence to Government Security Technical Implementation Guides (STIGs) and industry standards such as Payment Card Industry (PCI) and Information Technology Infrastructure Library (ITIL). Furthermore, configuration and change management provides direct control over the most critical assets in the network and improves the ability of the IT organization to deliver quality services in an economical and effective manner.

With WhatsConfigured, network managers can leverage automated configuration and change management to eliminate common and manual repetitive tasks associated with configuration management to increase network reliability and save precious time. The plug-in also addresses the device configuration and change management requirements by automating the manual process of maintenance and documentation of network device configurations.

Architected around an automated task execution engine and fully integrated into the WhatsUp Gold platform, WhatsConfigured allows network managers to dynamically gather configuration data about devices on their network. Network managers can choose to run any number of pre-defined tasks on a scheduled basis, or create their own custom tasks to run on the fly. With WhatsConfigured implemented into their network management strategy, network managers will improve the overall network reliability through the ability to recover from device failures and misconfigurations faster and more easily perform necessary updates. Configurations are documented and maintained from a single integrated monitoring solution.

WhatsConfigured Key Benefits

- **Increased security and compliance**
 - » Provides traceability and accountability for configuration changes
 - » Controls access to device configurations
- **Improved control over critical infrastructure data**
 - » Alerts when device configuration changes occur
 - » Enables consistency in configurations across the network
- **Preserves investment and time creating sound configurations**
 - » Establish known, solid baseline configurations
 - » Backup and storage of configuration files
- **Increased automation**
 - » Reduces time to generate and duplicate standardized configurations for common devices
 - » Eliminates need to access each device individually
- **Reduced risk of downtime**
 - » Faster response to events where restoring configurations is required
 - » Minimizes the impact of misconfiguration

Detailed technical information is available for WhatsUp Gold WhatsConfigured at www.whatsupgold.com/products/whatsconfigured

For a free 30-day trial of WhatsUp Gold WhatsConfigured, please visit www.whatsupgold.com/products/download



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