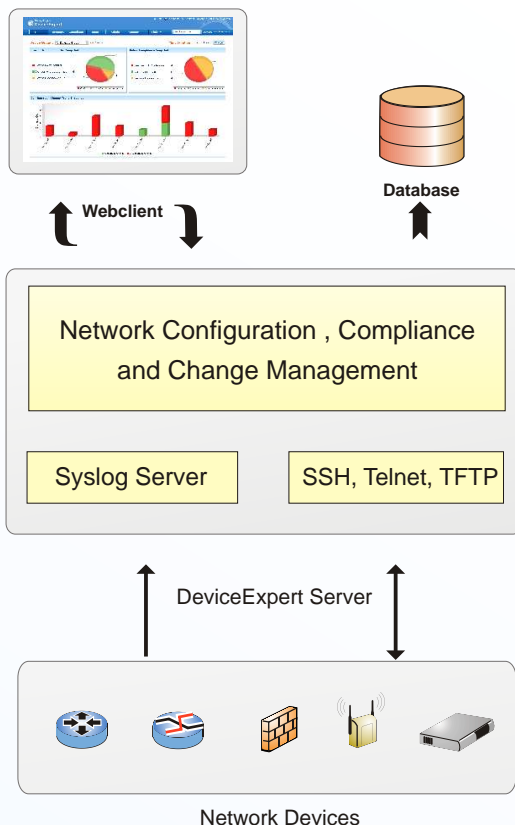# Manage Device Configurations, Ensure Network Uptime

Are you a network administrator managing a large number of network devices? Do unplanned, frequent configuration changes eat away your time and peace of mind? Do you experience network outages due to faulty configuration changes? Are you concerned about ensuring network uptime? Do Government and Industry Regulations baffle you?

ManageEngine DeviceExpert is here to help you!

DeviceExpert is a trusted solution for network administrators to take total control of the entire life cycle of device configuration management. It is a web-based, multi vendor network configuration, change and compliance management (NCCCM) solution for switches, routers, firewalls and other network devices. It serves as a secure repository for device configuration, helps in continuous monitoring of changes, provides change notifications and reports, helps in easy and safe recovery to trusted configurations and in automating all configuration management tasks.

Architecture

Database

Webclient

Network Configuration , Compliance and Change Management

Syslog Server | SSH, Telnet, TFTP

DeviceExpert Server

Network Devices

DeviceExpert comes in handy to ...

Manage Configurations
Maintain versions of configurations and view, compare, edit, label and upload them from a centralized web GUI

Take Control of Changes
Monitor configuration changes in real-time, get notifications, prevent unauthorized changes, approve genuine changes

Ensure Compliance
Define standard practices and policies and automatically check configurations for compliance. Get reports on compliance status and satisfy your auditors.

Automate
Automate all repetitive, time-consuming configuration tasks

Audit
Get complete record of who, what and when of configuration changes

Improve Network Visibility
Get comprehensive reports on devices inventory, configuration changes and compliance

Improve Efficiency
Ensure network uptime, reduce unplanned configuration changes, improve network security, increase overall efficiency

Features

Configuration Management

- Multi-vendor configuration for switches, routers, firewalls and other devices
- Discovery and manual addition of network devices
- Encrypted storage of device configuration in database
- Contextual, side-by-side comparison of altered configuration

Change Management

- Real-time configuration tracking and effective change management policies al-time configuration tracking and effective change management
- Quick restoration to trusted configurations through a few simple steps
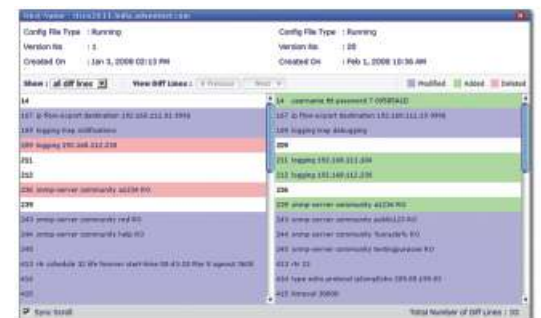
Compliance & Automation

- Provision for examining configurations for compliance to a defined set of internal / external policies and standards
- Templates for commonly used configurations
- Automation of device configuration tasks

Security

- Role-based access control for devices & configuration
- Approval mechanism for configuration upload

Audit, Reports & Miscellaneous

- Detailed trails capturing 'who', 'what' and 'when' of configuration changes
- Detailed reports on Inventory, configuration changes, compliances
- Provision for searching devices and configuration
- User friendly, web-based user interface
- Disaster recovery tools

Customer Speak

AdventNet DeviceExpert has proven a very useful tool to help Federal Signal, Inc. manage multiple vendors equipment across multiple geographic locations. It has allowed us to effectively manage remote device configurations and implement effective change control for network infrastructure - Larry Ware, Federal Signal Global Network Boffin

System Requirements

- 1.8 GHz Pentium® processor, 512 MB RAM, 200 MB disk space for product installation and 10 GB for database on Windows 2003, XP, RH Linux 7.2/ 8.0/ 9.0, AS 2.1 & 3.0, ES 2.1 & 3.0
- IE 7 and above,Firefox 2.0 and above

AdventNet
Excellence Matters

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