Case Study: California Dept. of Education

Introduction

This case study of Education Dept is based on a December 2012 survey of Cisco Stealthwatch customers by TechValidate, a 3rd-party research service.

> "Going to Cisco has provided us with end-to-end visibility, and monitoring scalability once thought impossible for a reasonable price."

Challenges

- Solved the following operational challenges with Stealthwatch by Cisco:
  - Reduced mean-time-to-know (MTTK) root cause of network or security incidents
  - Enhanced network security posture
  - Increased efficiency in the identification of security threats
  - Improved forensic analysis
  - Increased correlation of user identity and activity
  - Increased flow collection, monitoring and analysis

Use Case

- Primarily uses Stealthwatch by Cisco in the following ways:
  - Incident Response
  - Network Forensics
  - Security Forensics
  - Network performance monitoring
- Used Stealthwatch to detect or prevent the following security threats:
  - Network malware or virus
  - Suspicious user behavior
  - External hacking attempt
  - Compromised host
  - Network reconnaissance
- Is doing the following with Stealthwatch by Cisco deployment:
  - Midsized LAN / and Small WAN

Results

- Chose Stealthwatch by Cisco for the following capabilities:
  - Behavior-based security monitoring
  - Real-time flow monitoring capabilities
  - Internal visibility
  - Forensics
  - Identity awareness
  - Application Aware Network Performance Monitoring
- Selected Stealthwatch by Cisco over the following vendors:
  - Riverbed Cascade / Mazu Networks
  - NetScout
- Meets enterprise requirements by utilizing the following Stealthwatch by Cisco benefits:
  - Scalability and flexibility
  - Real-time threat detection and correlation with user identity data
  - Improved incident response and threat management
  - Enterprise-wide visibility into network activity
  - Deployment and support simplicity
  - Enterprise-wide user monitoring
  - Forensic analysis
- Reduced the time it took to mitigate a security incident by > 75% by deploying Stealthwatch.
- Rated the following Stealthwatch by Cisco capabilities as compared to competing vendors:
  - Network Security: Much Better
  - Scalability: Much Better
  - Innovation: Much Better
  - Performance Monitoring: Better

Organization Profile

Organization:
Education Dept

Organization Size:
State & Local

Industry:
Government

About Cisco Stealthwatch

With Stealthwatch, organizations can improve both network security and performance, and avoid the high costs associated with downtime, security breaches and other issues.

Learn More:

Cisco

Cisco Stealthwatch

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Research by TechValidate by SurveyMonkey