Case Study: Office of the Governor, State Of Connecticut

Introduction

This case study of The Office of Governor, State of Connecticut is based on a December 2012 survey of Cisco Stealthwatch customers by TechValidate, a 3rd-party research service.

> "[Cisco] allows our engineers to address network performance issues faster and the Stealthwatch System has made our network more technically visible in our reports."

Challenges

- Solved the following operational challenges with Stealthwatch by Cisco:
  - Reduced mean-time-to-know (MTTK) root cause of network or security incidents
  - Improved in network performance
  - Enhanced network security posture
  - Improved in application performance
  - 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
  - Application performance monitoring
  - Network performance monitoring
- Used Stealthwatch to detect or prevent the following security threats:
  - Advanced persistent threats
  - Network malware or virus
  - Suspicious user behavior
  - External hacking attempt
  - Compromised host
  - Command and control traffic / botnets
  - Network reconnaissance
- Is doing the following with Stealthwatch by Cisco deployment:
  - Monitoring a centralized network with a large number of satellite or retail locations
  - Monitoring traffic within a data center, physical and virtual

Results

- Chose Stealthwatch by Cisco for the following capabilities:
  - Behavior-based security monitoring
  - Real-time flow monitoring capabilities
  - Internal visibility
  - DDoS
  - Forensics
  - Advanced Persistent Threats (APTs)
  - Auditing and compliance requirements
  - Scalability
  - Application Aware Network Performance Monitoring
- Selected Stealthwatch by Cisco over the following vendors:
  - Fluke / Visual Network systems
  - Plixer
  - SolarWinds
- 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
  - Forensic analysis
- Reduced the time it took to mitigate a security incident by 25% to 49% by deploying Stealthwatch.
- Rated the following Stealthwatch by Cisco capabilities as compared to competing vendors:
  - Network Security: Much Better
  - Performance Monitoring: Much Better
  - Scalability: Much Better
  - Network Visibility: Much Better
  - Innovation: Much Better

Organization Profile

Organization:
The Office of Governor, State of Connecticut

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 Stealthwatch

Source: Joseph Suarez, IT Systems Analyst, The Office of the Governor, State of Connecticut

Research by TechValidate by SurveyMonkey

Validated Published: Jan. 10, 2017 TVID: 7DA-CED-DE1