CIPHERTRUST MONITOR

> Provides 24 x 7 visibility on all Hardware Security Modules (HSMs)

> Identifies performance bottlenecks to improve capacity planning

> Enables immediate response to potential issues through comprehensive alerts

> Eliminates the need to physically access HSMs to retrieve important data

> Integrates seamlessly with existing HSM hardware and software configurations

‹Thales e-Security›

CipherTrust® Monitor
Consolidated monitoring of distributed HSMs

CipherTrust® Monitor

Technical Specifications

CipherTrust Monitor from Thales e-Security is a comprehensive HSM monitoring platform that enables operations teams to gain 24x7 visibility into the status of all their HSMs, including those residing across distributed data centers. With this solution, security teams can efficiently inspect HSMs and find out immediately if any potential security, configuration or utilization issue may compromise their mission-critical infrastructure.

CENTRAL MONITORING CAPABILITIES

> Refreshes utilization statistics for all HSMs on a per minute basis

> Provides series of warnings based on user-defined thresholds

> Delivers critical alerts based on independent user-defined thresholds

> Allows users to define the time period for in-depth analysis (last hour, 24 hours, 7 days, 30 days or custom)

> Delivers warnings and alarms via email, SNMP and remote syslog server

HSM COMPATIBILITY

> payShield 9000 with base or custom software version 1.1 or later with SNMPv3 messaging enabled

> nShield Edge, Solo, Solo+, Connect and Connect+ with Security World Software v11.72 and higher

> nShield Solo XC and Connect XC with Security World Software v12.40 and higher

ROLE-BASED ACCESS CONTROL

> Supports three distinct roles – Administrator, Group Manager and Auditor

> Distinct set of tasks applicable to each role supporting clear separation of duties

> Enhances security in terms of configuration and administration for overall CipherTrust Monitor system

> Administrator manages deployment

> Group Manager controls monitoring of HSMs

> Auditor views data and reports

SOLUTION COMPONENTS

> DVD comprising CipherTrust application as an Open Virtual Appliance (OVA) compatible with selected vSphere ESXi Hypervisor, VMware Player and Workstation virtual platforms

> Download of VM image supported as alternative to DVD approach

> Web based management interface and command line interface (CLI)

> Firefox and Internet Explorer browser support

> Flexible endpoint licensing mechanism supporting up to 300 HSMs

VIRTUAL APPLIANCE MIN SPECIFICATION

> 2 CPUs with 2 cores each

> 8 GB RAM

> Thin provisioned hard drives

> Compatible with ESXi 5.1 and later (VM Version 9)

SECURITY

> Web server certificate management providing client browser to CipherTrust authentication as part of session establishment

> Secure segregation of roles and responsibilities for Administrators and Group Managers

> Strong password policy - control of expiry and auto-logout duration

> Choice of algorithms for authentication and privacy

LEARN MORE

Visit us at **www.thalesesecurity.com** to learn how our advanced data security solutions and services deliver trust wherever information is created, shared or stored.

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