Symantec
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Product Brief

Integrated Cyber Defense Exchange (ICDx)

At A Glance

Integrated Cyber Defense Schema

- An event model covering threat detection, response, information protection, system and application activity, audit, and more
- Common event objects covering file, process, session, user, email, network connections, and more

Collectors

- Parse, normalize, filter, and store event data
- Built-in collectors for many Symantec products
- Options to retain raw data prior to parsing, parsed fields not normalized are retained

Forwarders

- Third-party support for Splunk, ServiceNow, Anomali, Elasticsearch, Microsoft Azure Sentinel, and AWS S3
- Generic support for Syslog CEF, Kafka, RabbitMQ, and JSON

SOC Front-Ends

- Splunk
- QRadar

Unify Product Events

Overview

Integrated Cyber Defense Exchange (ICDx) is a software layer that bridges Symantec® and partner applications and addresses the complexity that customers and technical partners face when attempting to integrate multiple Symantec products.

ICDx standardizes event data formats across Symantec products and provides technology partners and customers a central point for the following actions:

- Data collection, normalization, and archiving
- Data filtering and forwarding
- Information exchange through messaging bus APIs

ICDx Admin Console

The Symantec ICDx console is browser-based and provides a user interface to configure the overall system, collectors, forwarders, and actions. The console capabilities are intended to verify and monitor that event data is collected and forwarded correctly. Symantec ICDx has the following console operations:

- Dashboard with summary metrics
- Search and display event details by attribute
- Top N views by attribute and time span
- Configuration of collectors, forwarders, and action adapters
- Administrative settings for Active Directory, API keys, telemetry, and archive management

Figure 1: ICDx Accelerates the Integration of Symantec and Third-Party Products

SOC Front-Ends

Symantec SOC View App for Splunk

SOC View supports curated investigator views creating greater visibility across the Symantec product portfolio. The unified dashboard view gives security analysts the ability to quickly see the global distribution of threats.

IBM QRadar

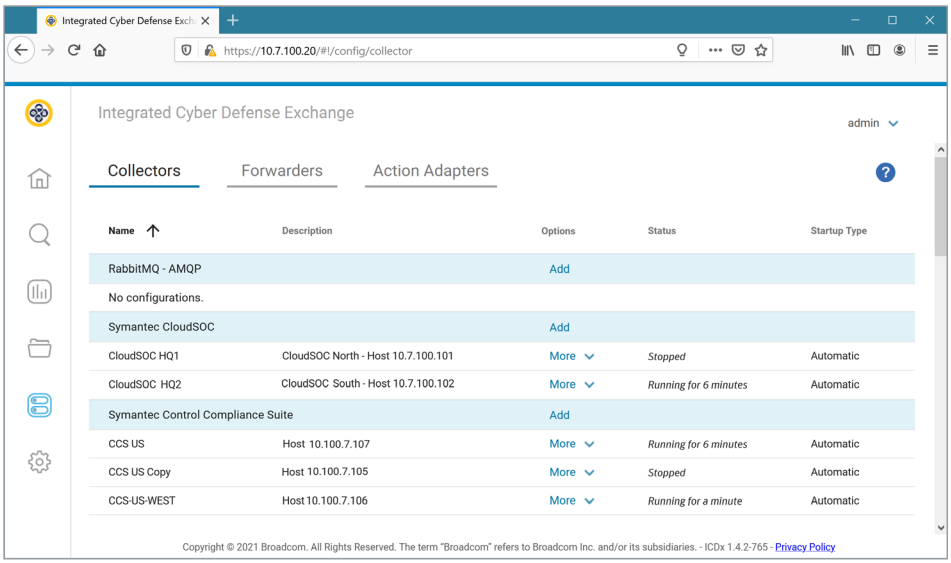
IBM QRadar is an enterprise SIEM product. It collects log data from network devices, host assets and operating systems, applications, vulnerabilities, and user activities and behaviors then performs real-time analysis on identify malicious activity.

ICDx Collector Support

Symantec ICDx currently supports the following collectors:

- Symantec CloudSOC Cloud Access Security Broker (CASB) version 2.0
- Symantec Control Compliance Suite versions 11.x and later
- Symantec Endpoint Detection and Response versions 4.0 and later
- Symantec Security Analytics version 8.1
- Symantec Endpoint Protection Manager 14.0.1 (14 RU 1) and later (embedded databases are supported for 14.3 RU 1 and later)
- Symantec Data Loss Prevention versions 14.6 and later
- Symantec Secure Web Gateway (ProxySG) versions 6.6 and later
- Symantec Data Center Security (versions 6.5 and later)
- Symantec Email Security.cloud
- Symantec Web Security Service
- RabbitMQ (AMQP)
- Syslog

Figure 2: Symantec ICDx Console Showing Configured Collectors



ICDx Forwarder Support

Symantec ICDx currently supports the following forwarders:

- Amazon Web Services S3
- Anomali Match versions 4.2.2 and later
- Apache Kafka
- Elasticsearch versions 6.x and 7.x
- Microsoft Azure Sentinel (Log Analytics)
- RabbitMQ (AMQP)
- Raw JSON
- Splunk versions 7.0 and 8.0
- Symantec Information Centric Analytics 6.5
- Syslog
- Syslog Common Event Format (CEF)

Software Requirements

- Ubuntu Server 16.04 LTS or 18.04 LTS
- Red Hat Enterprise Linux 7.4, 7.6, 7.7, and 8.0

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For product information and a complete list of distributors, visit our website at: broadcom.com

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