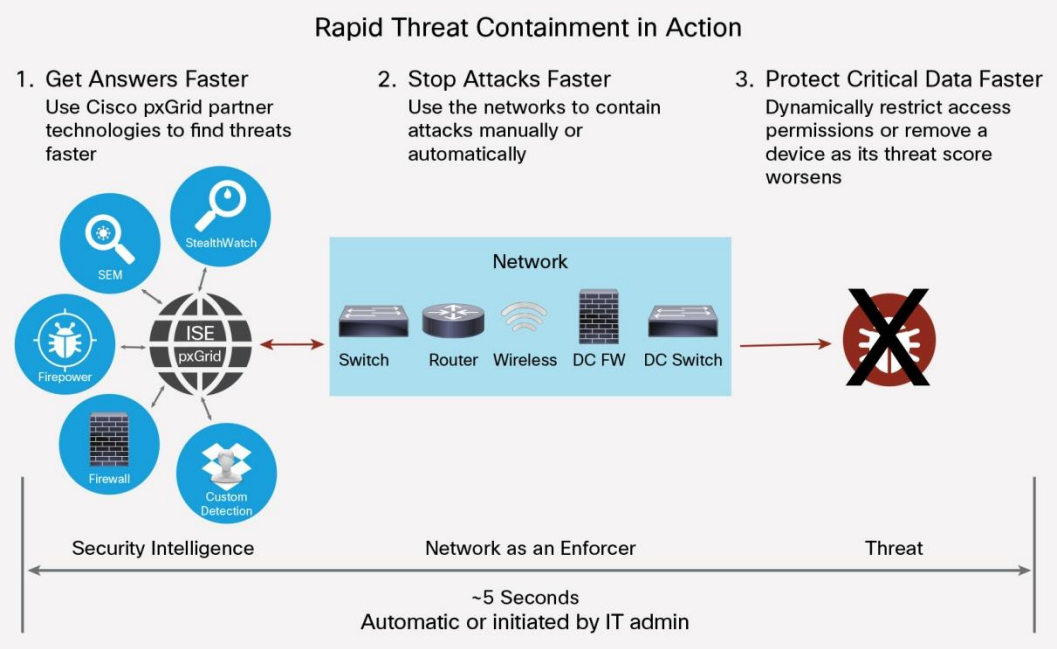
Cisco Rapid Threat Containment with the Cisco Firepower Management Center and Cisco Identity Services Engine

The Cisco® Rapid Threat Containment solution makes it easy to get fast answers about threats on your network and to stop them even faster. It uses an open integration of Cisco security products, technologies from Cisco partners, and the extensive network control of the Cisco Identity Services Engine (ISE).

With Rapid Threat Containment you can turn your security intelligence and response technologies into an integrated operation to see and stop threats wherever and whenever they occur in your network.



Note: In this figure, the network comprises switches, routers, wireless controllers, data center firewalls, and data center switches.

Features and Benefits

Feature	Benefit
Richer visibility	Improves clarity from bidirectional data sharing of Cisco Firepower™ threat and Cisco ISE contextual data
Advanced threat sensors	Detects advanced malware and indicators of compromise from the network and a pool of the industry's most advanced security technologies
Network threat enforcement	Helps you quickly stop threats from the Cisco Firepower Management Center using the network as an enforcer

Get Answers Faster

You can organize all relevant threat information on one analysis platform instead of having to conduct lengthy investigations, traversing from system to system. It's easier to see and understand threats and vulnerabilities on the Cisco Firepower Management Center.

The Management Center provides actionable intelligence through automated contextual analysis and threat qualification. Information is gathered from any combination of Cisco threat sensors, including Cisco ASA with FirePOWER™ Services, a next-generation intrusion prevention system (NGIPS), and Cisco Advanced Malware Protection (AMP), which is constantly fortified by Cisco Talos threat intelligence. These sensors are continuously updated with real-time threat intelligence to detect threats that might elude less proactive defenses.

Stop Attacks Faster

When you've recognized a threat, you can take immediate action to stop it by having the Management Center direct ISE to contain the device. You can also automate responses so you don't have to spend time on threats that are clearly identified.

Infected endpoints are quickly and automatically removed as threats. Depending on the severity of the threat or indicator of compromise, the Management Center instructs Cisco ISE to contain the compromised endpoints. Cisco ISE then automatically pushes an enforcement instruction to a router, switch, firewall, or wireless controller. Enforcement options include Cisco TrustSec® software-defined segmentation, a downloadable access control list (dACL), or a quarantined VLAN. The endpoints can then be remediated or completely blocked from accessing the network.

Lower Costs

Operational overhead, malware-related costs, and capital expenses are reduced. Automated responses are based on the policies you set, so you can limit the need for IT security staff involvement while mitigating the damage and financial impact.

Capital expenses are reduced because you can use Cisco network devices you've already deployed for enforcement.

Platform Support and Compatibility

Product Family	Platforms Supported
Cisco FireSIGHT Management Center	**5.4**
Cisco Firepower Management Center	**6.1**
Cisco Identity Services Engine	**1.3, 2.0, 2.1**
Network threat enforcement	Cisco TrustSec technology: Software-defined segmentation offers the most flexible and advanced way to contain infected endpoints. The enforcement can take place either at the network access switch or controller that the infected endpoint is connected to, or at a downstream device such as a Cisco Adaptive Security Appliance (ASA), Cisco Web Security Appliance, or Cisco Integrated Services Router (ISR). Downloadable access control list (dACL): Cisco ISE can push a dACL or named ACL to a switch or controller to block or contain a device at the switch or wireless controller. VLAN: ISE can force an infected device to a quarantined VLAN.
Threat Sensors	Cisco ASA with FirePOWER Services next-generation firewalls (NGFW) with licensed next generation Intrusion Prevention System (NGIPS) Cisco Advanced Malware Protection (AMP) Cisco Firepower NGIPS appliances Cisco AMP for Networks appliances Cisco Firepower virtual NGIPS (NGIPSv) Cisco Firepower Threat Defense for Cisco Integrated Services Router (ISR)

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Printed in USA C78-736242-01 06/16