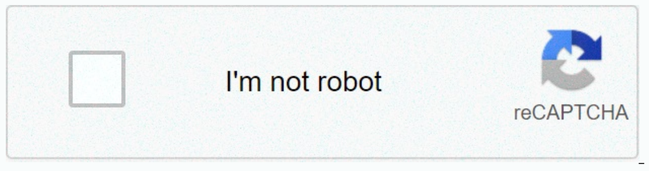

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Crowdstrike falcon sensor version history

Want to see the CrowdStrike Falcon platform in action? Start with a free antivirus test of the next gen: What does CrowdStrike Falcon do? Falcon is the CrowdStrike platform built to stop breaches through a unified set of cloud-delivered technologies that prevent all kinds of attacks, including malware and more. Today's sophisticated attackers go beyond malware to violate organizations, relying increasingly on feats, zero days and hard-to-detect methods, such as the theft of credentials and tools that are already part of the victim's or operating system's environment, such as PowerShell. CrowdStrike Falcon responds to these challenges with a powerful but lightweight solution that unifies state-of-the-art antivirus (NGAV), endpoint detection and response (EDR), cyber threat intelligence, managed threat hunting capabilities and security hygiene - all contained in a small, unique, lightweight sensor that is managed and delivered in the cloud. What solutions are offered within the CrowdStrike Falcon Platform? What is Falcon Prevent? Falcon Prevent provides next-generation antivirus (NGAV) capabilities, providing full and proven protection to defend your organization against attacks without malware and without malware. Incorporating known malware identification, machine learning for unknown malware, blocking farms, and advanced attack indicator behavior (IOA) techniques, CrowdStrike Falcon Prevent allows organizations to confidently replace their existing legacy AV solutions. What is Falcon Insight? Falcon Insight provides endpoint detection and response (EDR) capabilities, allowing continuous and complete visibility to explain what is happening at its ends in real time. Falcon Insight's extensive capabilities encompass screening, response and forensics, to make sure nothing is lost, so potential breaches can be stopped before your operations are compromised. What is Falcon Overwatch? Falcon OverWatch is a managed threat hunting solution. To defeat sophisticated opponents focused on violating your organization, you need a dedicated team working for you 24/7 to proactively identify attacks. Falcon OverWatch's global team seedlessly increases its home security resources to identify malicious activities at the earliest possible stage, stopping opponents in their tracks. What is Falcon Discover? Falcon Discover is a computer hygiene solution that identifies unauthorized systems and applications, and monitors the use of privileged user accounts anywhere in its environment - all in real time, allowing remediation as needed to improve your overall security posture. I can use Falcon to replace my current av solution? Yes, CrowdStrike Falcon Prevent allows organizations to confidently replace their existing legacy audiovisual solutions. Incorporating known malware identification and prevention, machine learning for unknown malware, operating blocking and advanced attack indicator behavior (IOA) techniques, Falcon Falcon protects against attacks if their ends are online or offline. Falcon Prevent also has the integration with Windows System Center, for those organizations that need to demonstrate compliance with the appropriate regulatory requirements. Is CrowdStrike Falcon certified for AV replacement? Yes, CrowdStrike Falcon has been certified by independent third parties as a replacement solution av. What products can CrowdStrike Falcon help me replace? CrowdStrike Falcon's extensive capabilities allow customers to consider replacing existing products and capabilities they may already have, such as: Prevention of Antivirus Host Intrusion (HIPS) and/or Exploit Mitigation Solutions BehaviorAl Analysis Behavioral Analysis Detection and Response (EDR) Engagement Indicator Tools (IOC) Sandboxes Search Tools or Dynamic Execution Analysis Managed Detection Records Analysis and Response Threats Intel Services Intel Computer Hygiene Tools Can CrowdStrike Falcon Be Used for Compliance Requirements? How does CrowdStrike Falcon compare to other state-of-the-art endpoint protection solutions? What makes falcon unique? CrowdStrike is the pioneer of endpoint protection delivered to the cloud. CrowdStrike Falcon has revolutionized endpoint security by being the first and only solution to unify state-of-the-art antivirus, endpoint detection and response (EDR), and a 24/7 threat hunting service - all delivered through a single lightweight agent. Using its native purpose-built cloud architecture, CrowdStrike collects and analyzes more than 30 billion endpoint events per day of millions of sensors deployed across 176 countries. The unique benefits of this unified and light approach include time at immediate value, better performance, cost reduction and complexity, and better protection that goes beyond detecting malware to stop breaches before they occur. These capabilities are based on a unique combination of prevention technologies such as machine learning, attack indicators (IOAs), operating blocking, unrivalled visibility in real time and 24×7 hunting managed to discover and track even the most stealthy attackers before hurting. Can I use CrowdStrike Falcon to respond to incidents? Absolutely, CrowdStrike Falcon is widely used for incident response. Falcon Insight provides remote visibility through end points throughout the environment, allowing instant access to who, what, when, where and how of an attack. Falcon Insight's cloud-based architecture allows for a significantly faster incident response and remediation time. Can Falcon prevent block attacks? Yes, Falcon Prevent offers powerful and complete prevention capabilities. Falcon Prevent can stop malicious code execution, block zero-day exploits, kill and contain command and control calls. Can CrowdStrike Falcon protect extremes if they are not connected to the cloud? Yes, in fact, the lightweight Falcon sensor that runs at each endpoint includes all the prevention technologies needed to protect either online or offline. These technologies include machine learning to protect against known, zero-day malware, operating blocking, hash blocking and CrowdStrike's behavioral artificial intelligence heuristic algorithms, known as Attack Indicators (IOAs). Do I need a great staff to maintain my CrowdStrike Falcon environment? No, CrowdStrike Falcon offers state-of-the-art endpoint protection through the cloud. A key element of next gen is to reduce overeames, friction and cost in protecting your environment. There are no local teams to maintain, manage or upgrade. The Falcon sensor is discreet in terms of end-of-end system resources and upgrades are seamless, requiring no re-boots. The Falcon web-based management console provides an intuitive and informative view of its full environment. Does the Falcon sensor interfere with other endpoint software? No, Falcon was designed to interoperate without obstructing other endpoint security solutions, including AV detection systems and third-party malware. How do I integrate with the Falcon Platform? Falcon Connect has been created to fully harness the power of Falcon Platform. Falcon Connect provides the APIs, resources and tools needed by customers and partners to develop, integrate and expand the use of the Falcon Platform itself, and provide interoperability with other platforms and security tools. Learn more about falcon APIs: Falcon Connect and API. Does CrowdStrike Falcon integrate with my SIEM? Yes, Falcon offers two integration points with SIEM solutions: Customers can import IOCs (Compromise Indicator) from their SIEM to the Falcon Platform, using an API. Customers can forward CrowdStrike Falcon events to their SIEM using the Falcon SIEM Connector. The Falcon SIEM Connector allows integration with most SIEM offerings, such as HP ArcSight, IBM QRadar and Splunk. In addition, the Falcon Streaming API is available to customers who want to build their own custom integration. How long does it take to start with CrowdStrike Falcon? Literally minutes – a single lightweight sensor is deployed at its ends while controlling and managing your environment through a web console. With CrowdStrike Falcon there are no drivers to install, configure, update, or maintain: no local equipment. Is the Falcon sensor another agent? Will it slow my ends down? The falcon sensor design makes it extremely lightweight (consuming 1% or less CPU) and discreet: no user interface, no pop-ups, no restarts, and all updates are done silently and automatically. Which versions of Windows support Agent Falcon? 64-bit Server OSEs: Windows Server 2019 Windows Core Server 2019 Windows Server 2016 Server 2016 Windows Server 2012 R2 Windows Storage Server 2012 Windows Server 2012 Windows Server 2012 Windows Server 2008 R2 SP1 64-bit Desktop OSes: Windows 10 November 2019 Update v1909 aka 19H2 Windows 10 May 2019 Update v1903 aka 19H1 Windows Windows October 2018 Update v1809 aka RS5 Windows 10 April 2018 Update v1803 aka RS4 Windows 10 Fall Creators Update v1709 aka RS3 Windows 10 Anniversary Update v16 07 aka RS1 Windows 10 v1507 aka Threshold 1 Windows 10 IoT Enterprise v1909 (19H2) Windows 10 IoT Enterprise v1903 (19H1) Windows 10 AND ENTERPRISEOT v1809 (RS5) Windows 8.1 Windows 7 SP1 Windows 7 32-bit Embedded Desktop OSES: Windows 10 November 2019 Update v1909 aka 19H2 Windows 10 May 2019 Update v1909 aka 19H2 Windows 10 May 102019 Update v1903 aka 19H1 Windows 10 October 2018 Update v1809 aka RS5 Windows 7 SP1 Windows 7 POSReady embedded Which versions of Linux supports agent Falcon? We support these x86_64 versions of these Linux server operating systems: Amazon Linux 2 Amazon Linux AMI CentOS 8.0 – 8.2 7.1 – 7.9 6.7 – 6.10 Debian Oracle Linux Oracle Linux 6 - UEK 3, 4 Oracle Linux 7 - UEK 3, 4, 5 Red Hat Compatible Cores (RHCK compatible cores are the same as for RHEL) Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise (SLES) Ubuntu 20.04 LTS 20.04 AWS 20.04 GCP 1 18 AWS 18 GCP 18.04 LTS 16-AWS 16.04 LTS 14.04 LTS Additional Linux support AWS ARM-based Graviton Processors Amazon Linux 2 Docker is also supported. See Distribution Guide for more details. Which macOS versions does Agent Falcon support? These are the compatible MacOS: macOS Big Sur 11.0 and later macOS Catalina 10.15 macOS Mojave 10.14 Falcon Scale Can CrowdStrike to protect great environments with 100,000 more end points? Yes, Falcon is a proven cloud-based platform that allows customers to scale smoothly and without performance impact across large environments. The frictionless rollout of the platform has been successfully verified in business environments containing more than 100,000 end points. Is CrowdStrike Falcon cloud-based or local? CrowdStrike Falcon is a 100 percent cloud-based solution, offering Security as a Service (SaaS) to customers. Falcon does not require servers or drivers to be installed, freeing you from the cost and mind of managing, maintaining, and updating local software or equipment. Is falcon SOC2 compatible? Yes, CrowdStrike's U.S. commercial cloud meets the service organization's 2 control standards and provides its Falcon customers with a 2®. Additional information about CrowdStrike certifications can be found on our Compliance and Certifications page. How does the Falcon sensor talk to the cloud and how much data does it send? All data transmitted from the sensor to the cloud is protected in an SSL/TLS encrypted tunnel. On average, each sensor transmits about 5-8 MB/day. What data is sent to crowdStrike Cloud? CrowdStrike Falcon is designed to maximize customer visibility at real-time and historical security events by collecting event data needed to identify, understand, and respond to , but nothing else. This set of default system events focused on running the process is continuously controlled for suspicious activities. When this activity is detected, additional data collection activities to better understand the situation and allow a term response to the event as needed or desired. Note that the specific data collected changes as we increase our capabilities and in response to changes in the threat landscape. Information related to the activity at the endpoint is collected through the Falcon sensor and made available to the customer through the Secure Falcon Web Management Console. Does CrowdStrike offer options for the data residence? Yes, CrowdStrike recognizes that organizations must meet a wide range of compliance and policy requirements. In order to meet the needs of all types of organizations, CrowdStrike offers customers multiple data residency options. Contact CrowdStrike for more information about which cloud is best for your organization. How do you separate and protect data sent to your cloud? All data sent from the CrowdStrike Falcon sensor is labeled with unique anonymous identifier values. Data and identifiers are always stored separately. Once in our cloud, data is heavily protected with strict data privacy and access control policies. All access to system data is managed by restricted APIs that require a customer-specific token to access only that customer's data. Our analysis engines act on raw event data, and only take advantage of anonymized ID values to group results. What is an IOA? While other security solutions rely solely on engagement indicators (IOCs), such as known malware signatures, hashes, domains, IP and other tracks left behind after a breach— CrowdStrike can also detect live attack (IOAs) indicators, identifying activity and adversarial behaviors throughout the timeline of the attack, all in real time. Falcon's unique ability to detect IOAs allows it to stop attacks What detection capabilities does CrowdStrike Falcon have? For known threats, Falcon provides cloud-based antivirus and IOC detection capabilities. For unknown, zero-day threats, Falcon applies IOA detection, using machine learning techniques to build predictive models that can detect malicious activities never seen with high precision. Powered by crowdstrike Threat Graph™ a data model, this IOA analysis recognizes behavioral patterns to detect new attacks, whether they use malware or not. The range and capability of Falcon's detection techniques far outweigh other security solutions on the market, especially with regard to unknown and previously undetectable emerging threats. Does Falcon provide malware prevention? Falcon Prevent stops known and unknown malware using a number of complementary methods: Custom lock machine learning (whitelist and blacklist) Exploit IOA blocking (Attack Indicators) prevention additional ransomware-specific protection Customers can monitor and configure all Falcon prevention capabilities within the configuration interface. Is Falcon's machine learning feature configurable? Yes, Falcon includes a feature called the machine, machine, offers several options for controlling thresholds for machine learning. In addition, this unique feature allows users to set separate thresholds for detection and prevention. Does Falcon avoid protecting against ransomware? Falcon Prevent uses a number of complementary prevention and detection methods to protect against ransomware: Ransomware Exploit blocking that crashes to stop ransomware execution and spread through uncoated vulnerabilities Machine learning for detecting previously unknown zero-day ransomware attack indicators to identify and block additional unknown ransomware, as well as new categories of ransomware that do not use files CrowdStrike Falcon is equally effective against attacks that occur on disk or memory. The platform continuously monitors suspicious processes, events and activities, wherever they may occur. Occur.

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