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Cisco Advanced Malware Protection (AMP) for Endpoints

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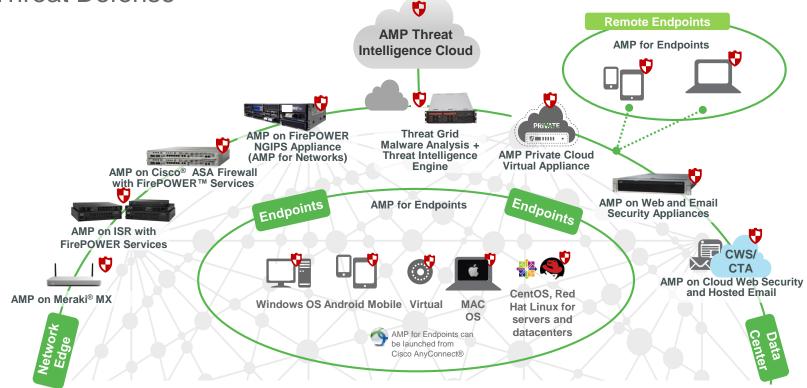
Scott deLelys, CISSP

Chris Ireland, CSE

Cisco Security Business Group

Advanced Threat Solutions

The AMP Everywhere Architecture AMP Protection Across the Extended Network for an Integrated Threat Defense

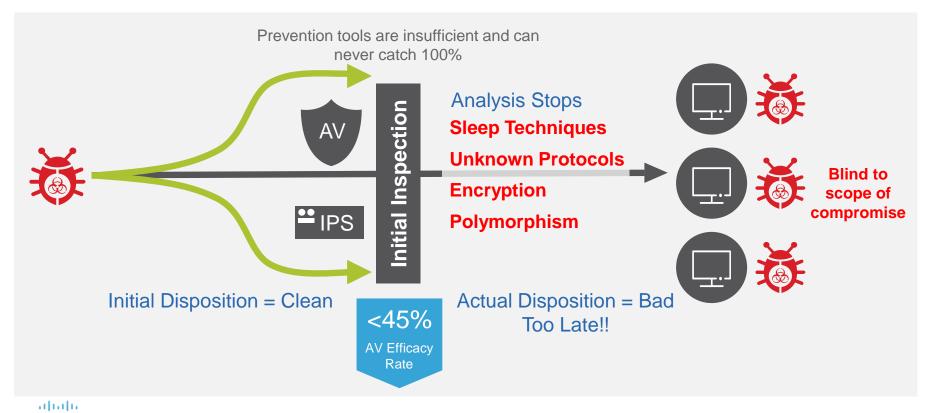


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Every single attack that an organization experiences is either on an endpoint or it's headed there

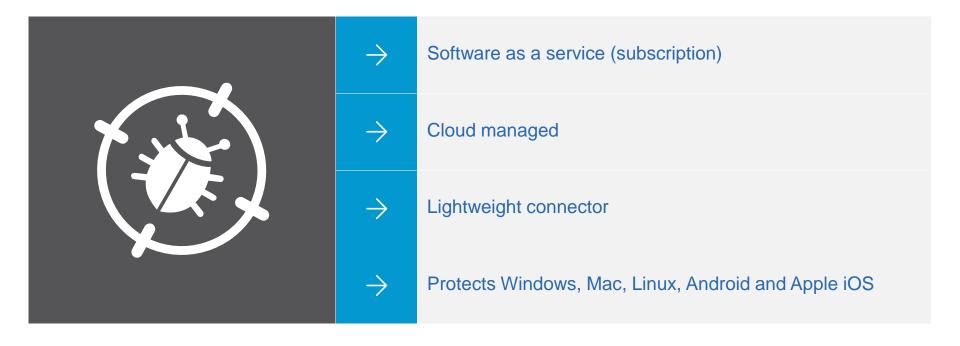


Malware is getting in. Prevention tools alone can't catch everything and provide limited visibility into threats once inside



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What Is Cisco AMP for Endpoints?





AMP for Endpoints



Prevent attacks and block malware in real time



Monitor

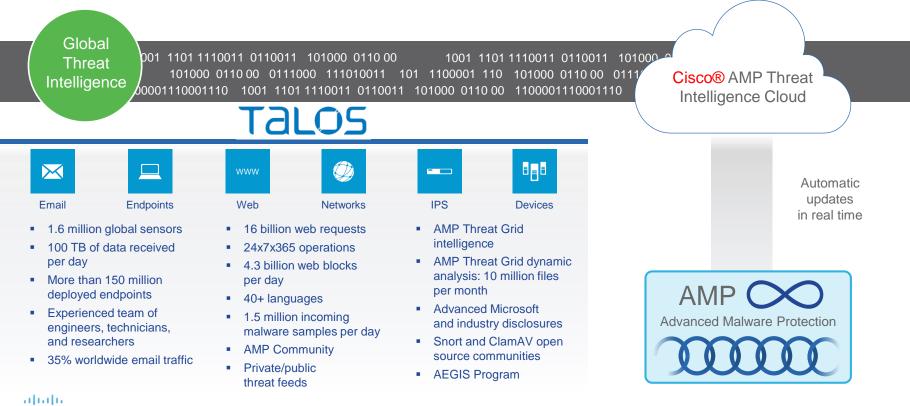
Continuously monitor for threats on your endpoints to decrease time to detection



Accelerate investigations and remediate faster and more effectively

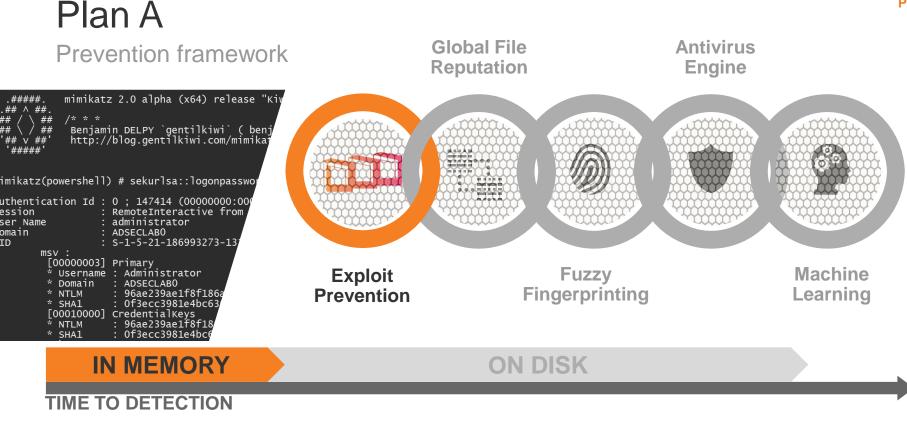


Harden Your Defenses with the Best Global Threat Intelligence



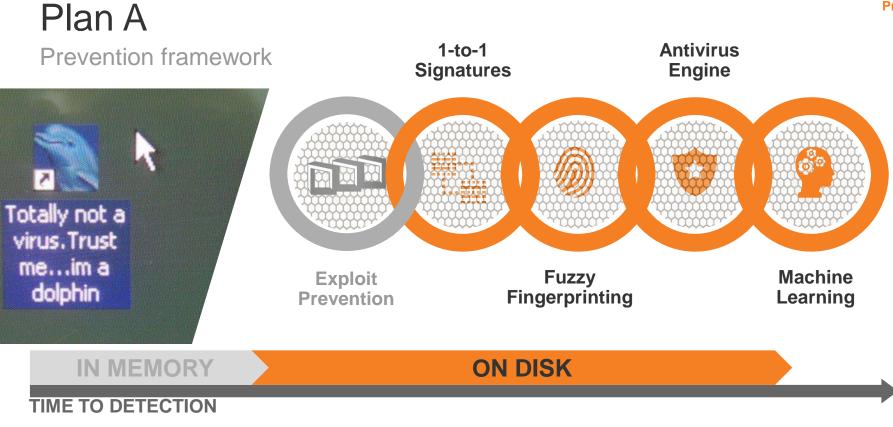
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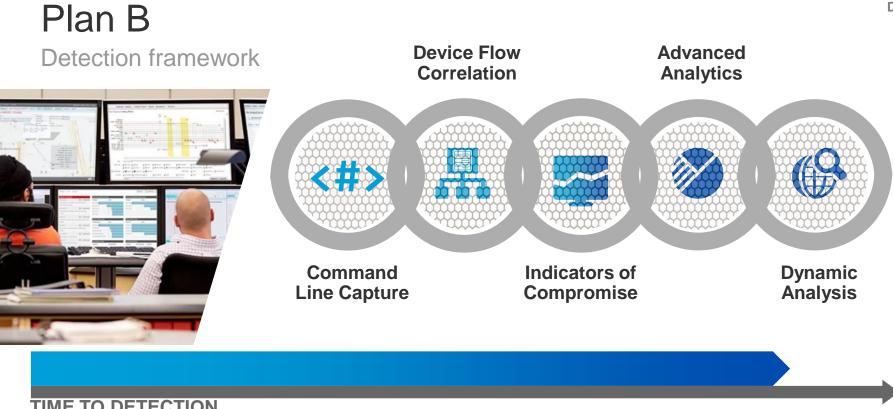
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TIME TO DETECTION

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Proactive Protection Tools

Close attack pathways, uncover stealthy malware, and reverse-analyze suspicious threats.

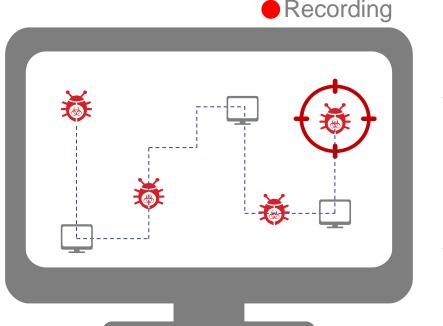
Vulnerabilities	Our vulnerabilities feature shows you, across all of your endpoints, all the software on your system that's vulnerable to malicious attacks, so you can patch them and close any potential attack pathway.	Millerable Software 9005542_4686447 1 19 sever vulnerabilities Miller Annote Annote Cristian 2016 9005542_46864487 1 19 sever vulnerabilities Miller Annote Annote Cristian 2016 00120142_4686487 1 19 sever vulnerabilities Miller Annote Annote Cristian 2016 00120142_4686487 1 19 sever vulnerabilities Miller Annote Annote Cristian 2016 00120142_4686487 1 19 sever vulnerabilities Ord 2015 388667 00120142 00120152 0012017 001201207 0012017 Ord 2015 3886767 00120142 00120127 0012017 0012012707
Low Prevalence	Our low prevalence feature shows you applications on endpoints that are flying under the radar, and lets you take a closer look to see if there's any malicious behavior happening.	Prevalence Image: Configure Automatic Analysis Image: Analysis Image: Configure Automatic Analysis
Built-In Sandboxing	Built-in sandboxing capabilities powered by Threat Grid let you submit a file for analysis against over 900+ behavioral indicators so you can see what that file is trying to do and if it's bad. Then	Behavioral Indicators Process Modified a File in a System Directory Process Modified an Executable File Process Created an Executable in a User Directory Process Modified File in a User Directory

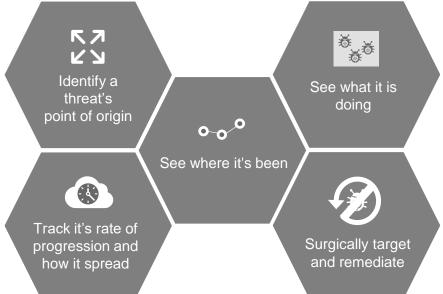
AMP will automatically block and quarantine the file.

But Prevention Alone Will Never Be 100% Effective

Continuous Analysis and Retrospective Security AMP for Endpoints Continuously Monitors, Records, and Analyzes All File Activity, Regardless of Disposition, to catch threats that got in







If Something Gets in, Continuous Analysis and Retrospective Security Helps You Find Answers to the Most Pressing Security Questions



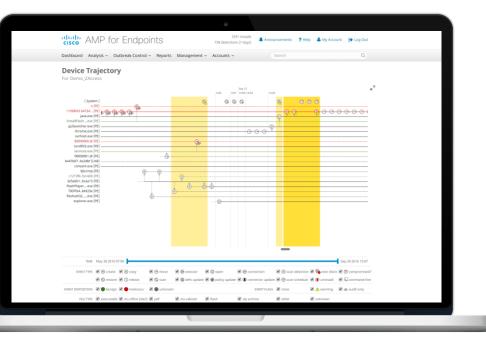
What happened?

Where did the malware come from?

Where has the malware been?

What is it doing?

How do we stop it?

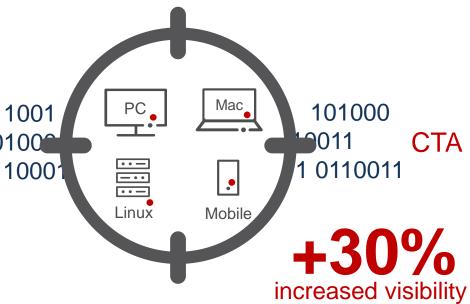


Agentless Detection Our Cognitive Threat Analytics (CTA) Integration Helps You See Threats on Endpoints Without an Agent Installed



Get visibility into devices where you can't install an AMP for Endpoints connector See more malware than before, like fileless or memory-only malware and infections that live in a web browser only 1001 10100 Catch malware before it compromises the OS level 11000 **— • •** ••-Investigations are easier and faster because all detections and threat information are shown in the AMP for Endpoints console

AMP for Endpoints



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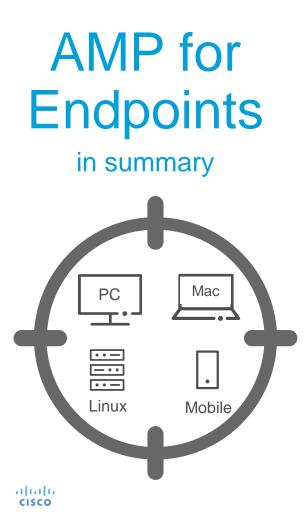
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- Prevention, Monitoring + Detection, Response
- Deep Visibility, Context, and Control if something gets in
- Continuous Analysis of File Behavior and Retrospective Security
- Turn on our AV detection engine in AMP for Endpoints to consolidate agents
- Containment and quarantine on endpoint
- Built-in sandbox powered by Threat Grid
- Open APIs for seamless integration
- Agentless protection via CTA
- More than just endpoint, it's the integrated security architecture of AMP Everywhere

cisco.com/go/ampendpoint