WHAT'S NEW WITH PAN-OS 8.0

Many new innovations provide the best security capabilities.

paloalto NETWORKS

1. SECURING THE CLOUD

**Accelerate Large Scale, Multi-Cloud Deployments:**

- New VM-Series models bring industry leading performance
- Integration with native Azure and AWS services to enable secure cloud architectures
- Enhancements to NSX integration automate private cloud deployment workflows
- Integration with OpenStack ConfigDrive to automate NFV deployment

salesforce

box

SharePoint

2. SECURELY ENABLING SAAS APPLICATIONS

Usage Needs to be Understood/Controlled:

- Explore Applications; Instantly Remediate Risks with Automated Policy Actions
- Targeted Reports Summarized by User Group
- Leverage full functionality with Panorama without PAN-OS upgrade
- Expand Aperture data centers, languages, support apps
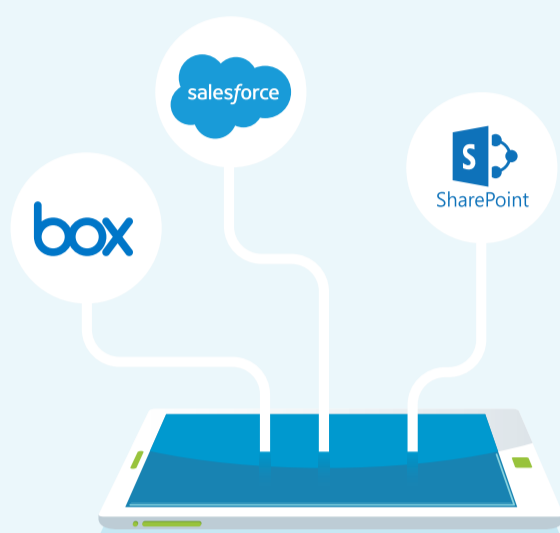
3. MULTI-METHOD THREAT PREVENTION

WildFire's All-New Malware Analysis Environment:

- Detect known exploits, malware & new variants
- Detonation reveals zero-day exploitation & malware
- Dynamically steer highly evasive malware to bare metal
- Detonates malware on real hardware, detecting all VM-aware malware

**MineMeld Application for AutoFocus:**

- Aggregates any 3rd provider into AutoFocus
- Validates intelligence against all other providers & native AutoFocus intel store
- Automated prevention for Palo Alto Networks devices into other security systems

JOHN SMITH

4. PREVENTING CREDENTIAL-BASED ATTACKS

Platform Approach to Credential Theft & Abuse:

- Wildfire analyzes links
- New credential phishing prevention technology integrates with user-ID to provide unique & powerful anti-phishing technique
- Multi-factor authentication challenge each time new sensitive area of network is accessed
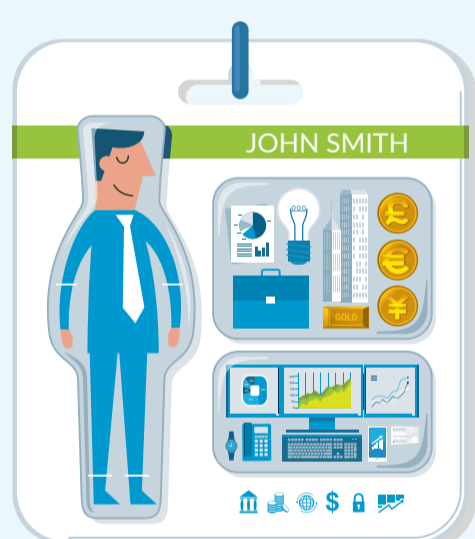
5. CENTRALIZED MANAGEMENT

- Instant visibility + faster access to increasing amounts of data
- Automated actions triggered on filtered events
- Granular change management for multi-admin teams

6. BREAKTHROUGH PERFORMANCE HARDWARE

PA-5200 Series:

- 72 Gbps App-ID and 30 Gbps
- Up to 32M sessions; 3.2M SSL decrypt session capacity; 6.5 Gbps SSL decrypt throughput
- Higher 10G port density, 40G and 100G interface support

PA-800 Series:

- 1.9 Gbps (App-ID) and 780 Mbps (Threat)
- High performance management plane leveraging multiple CPU cores and 8GB memory
- Redundant power (PA-850)
- Flexible I/O; 10G interfaces (PA-850)

PA-220:

- Full PAN-OS capabilities, small desktop footprint, increased port density
- Built-in resiliency with dual power adapters
- Complete high availability support: active/active and active/passive
- Passive and silent cooling to eliminate noise & increase reliability

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