

# PREVENTION ARCHITECTURE METHODOLOGY

Prevention-based architecture is transforming the way we operate, maintain and defend cyber environments. Palo Alto Networks® utilizes this breakthrough prevention approach with customers to implement Zero Trust architecture and defend our digital way of life.

We believe that, through best-practice implementation of Palo Alto Networks technology, we can offer industry-leading protection and improve our customers' ability to prevent successful cyberattacks.

## Our Breakthrough Prevention Approach

We understand you need to protect your organization with reliable prevention capabilities, and we'd like to help your IT and security teams leverage these capabilities in your architecture.

With our breakthrough prevention approach, we segment your architecture into three core areas:

- Enterprise, Mobility and SaaS
- Data Center, Cloud and SaaS
- Endpoints

By aligning each area of your architecture with the cyberattack lifecycle, we show you how to increase your organization's protection with our superior prevention and control. By adopting our unique approach, you're effectively implementing a Zero Trust model for your organization.

## Prevention Architecture Methodology

The Prevention Architecture Methodology is a proven model to help you build a rock-solid security strategy founded in prevention. Our primary goal is to help your organization get superior security and operational efficiency for the long term. The tools we have created to accomplish and measure progress against this methodology include a Prevention Posture Assessment and Best Practice Assessment. **Learn more.**

<https://www.paloaltonetworks.com/customers/prevention-architecture>

## Prevention Posture Assessment

The Prevention Posture Assessment is a complimentary consultative assessment of your organization's prevention capabilities, across all areas of your architecture, through a guided discussion. This results in an evaluation of your current state and a detailed set of recommendations for how to reach your desired future state. **Learn more.**

<https://get.info.paloaltonetworks.com/webApp/prevention-posture-assessment-en>



**Figure 1: Prevention Posture Assessment**

With a PPA, you'll:

- Engage in an educational discussion that covers all areas of your architecture.
- Receive a thorough analysis of the gaps in your organization's current security state.
- Walk away with a custom report that provides recommendations to improve your security posture.

### Best Practice Assessment

For next-generation firewalls and Panorama™ network security management

The Best Practice Assessment compares your current policy configurations against best practices and produces a curated set of recommendations for how to improve your security. It includes analysis of your Palo Alto Networks deployment and measures the adoption of platform capabilities across your security infrastructure. **Learn more.**

<http://get.info.paloaltonetworks.com/webApp/best-practice-assessment-ngfw>

With a BPA, you'll:

- Receive a comprehensive security health check and gauge your existing policy configurations.
- Create a roadmap of critical policy configurations and measure the progress of your implementation.
- Leverage our tools to improve your prevention capabilities by following our recommended best practices.

### How This Benefits You

- Better protection when you adopt Palo Alto Networks best practices across your architecture.
- Accelerated prevention through shared expertise and automation adoption.
- Business and operational benefits from proven methodology adoption.
- A mutually beneficial relationship to reduce risk for both your organization and Palo Alto Networks.
- Higher return on your investment in Palo Alto Networks technology.

### Getting Started

- Call your Palo Alto Networks account team and/or partner to schedule a PPA customer interview. This is most effective when all teams that touch the cyberattack lifecycle participate, including security, infrastructure, DevOps and other pertinent stakeholders.
- Provide a tech support file from your individual firewall or Panorama to complete a BPA. This will validate your network is configured as you intended and pinpoint areas of focus with respect to prevention best practices.
- Our experts will couple findings and recommendations from your PPA with the BPA output and work with you to identify priorities as well as map out an adoption plan.
- To ensure our agreed-upon plan is properly executed, our milestones are clear and defined, and our progress is tracked and measured, we'll establish a cadence to keep us in lockstep as we head toward a prevention-oriented architecture.

### About Palo Alto Networks

Palo Alto Networks is the next-generation security company, leading a new era in cybersecurity by safely enabling applications and preventing cyber breaches for tens of thousands of organizations worldwide. Built with an innovative approach and highly differentiated cyberthreat prevention capabilities, our game-changing security platform delivers security far superior to legacy or point products, safely enables daily business operations, and protects an organization's most valuable assets.

Find out more at [www.paloaltonetworks.com](http://www.paloaltonetworks.com).

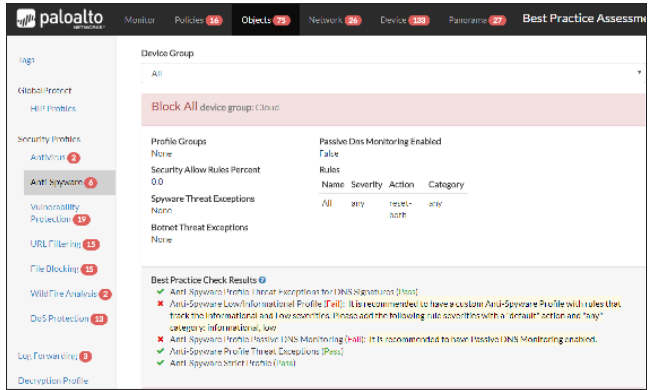


Figure 2: Best Practice Assessment



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