

A ZERO TRUST Primer

WHAT IS ZERO TRUST?

Zero Trust is a strategy designed to prevent data breaches and stop other cyber-attacks from being successful. It leverages **four design principles** proven to work for more than a decade and uses a standard **five-step methodology** for implementing a Zero Trust architecture.

80%

of C-level executives have Zero Trust as a priority for their organization

* Cloud Security Alliance survey, June 6, 2022

THE FOUR DESIGN PRINCIPLES



THE FIVE STEPS TO IMPLEMENTING ZERO TRUST



1. DEFINE THE PROTECT SURFACE

Identify the DAAS elements: data, applications, assets, and services, that you want to protect



2. MAP THE TRANSACTION FLOWS

Transaction flows to and from the protect surface reveal how various DAAS components interact and therefore where to place the proper controls.



3. BUILD A ZERO TRUST ARCHITECTURE

The first two steps illuminate the best way to design the architecture. A good rule of thumb is to place the controls as close as possible to the protect surface.



4. CREATE A ZERO TRUST POLICY

Use the Kipling Method of Zero Trust policy writing to determine who or what can access your protect surface. Ultimately, you need to instantiate Zero Trust as a Layer 7 Policy Statement.



5. MONITOR AND MAINTAIN THE NETWORK

Inspect and log all traffic through Layer 7. Telemetry from cloud, network, and endpoint controls can be analyzed using advanced behavioral analytics, machine learning and AI to stop attacks in real-time and improve security posture.

EASILY EMBRACE ZERO TRUST



Zero Trust as a Service (ZTaaS) from ON2IT and Palo Alto Networks brings together leading cybersecurity technologies and expertise to create and deliver world-class SOC services.

ON2IT applies authentic Zero Trust strategies, as defined by the **creator of Zero Trust and ON2IT SVP, John Kindervag**, through proprietary technology and Palo Alto Networks Cortex XDR. Combining the innovative AUXO™ platform with Cortex XDR and Zero Trust security deployed across policy, architecture, and operations, ON2IT safeguards your network with proven Zero Trust strategies in a convenient and comprehensive managed services model.



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OUR ZERO TRUST DICTIONARY FOR MORE DETAILS AND INFORMATION.

