

ZERO TRUST

The Strategic Approach to Stop Data Breaches





The Four Levels of Strategic Engagement

Grand Strategy	The Ultimate Goal		
Strategy	The Big Idea		
Tactics	The Things You Use		
Operations Operations	The Way You Use Them		

Grand Strategy	Stop Data Breaches
Strategy	Zero Trust
Tactics	Tools & Techniques
Operations	Platform & Policies

Cyber Security Grand Strategy: Prevent Data Breaches

THE WALL STREET JOURNAL.

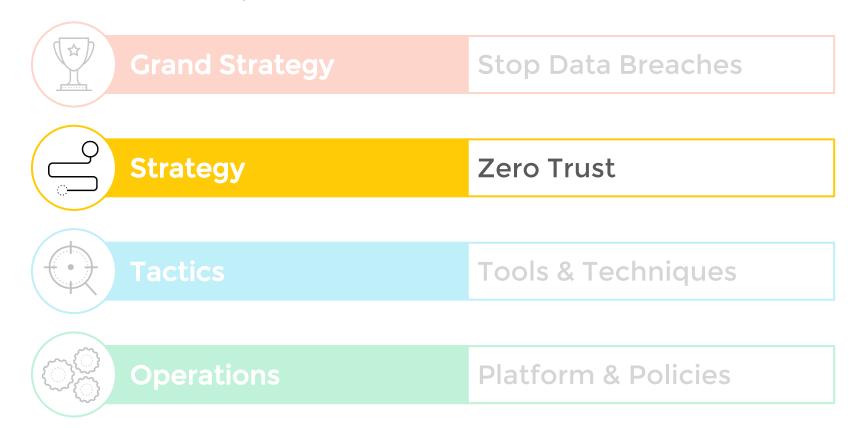
BUSINESS

Target Hit by Credit-Card Breach

Customers' Info May Have Been Stolen Over Black Friday Weekend

By Robin Sidel, Danny Yadron and Sara Germano

Updated Dec. 19, 2013 7:29 a.m. ET



TRUST

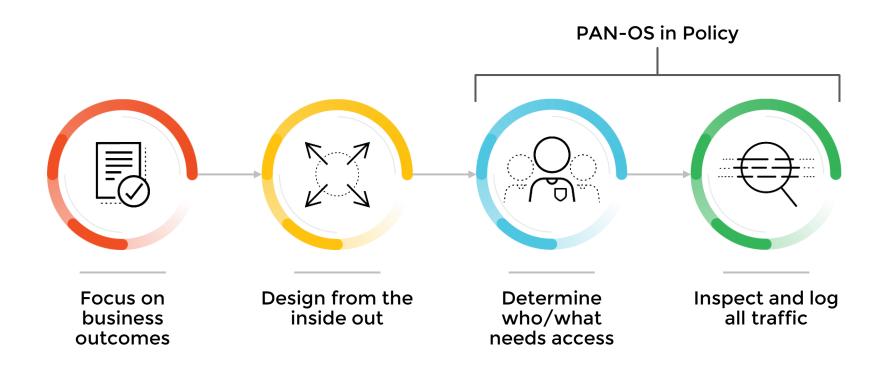
is a dangerous

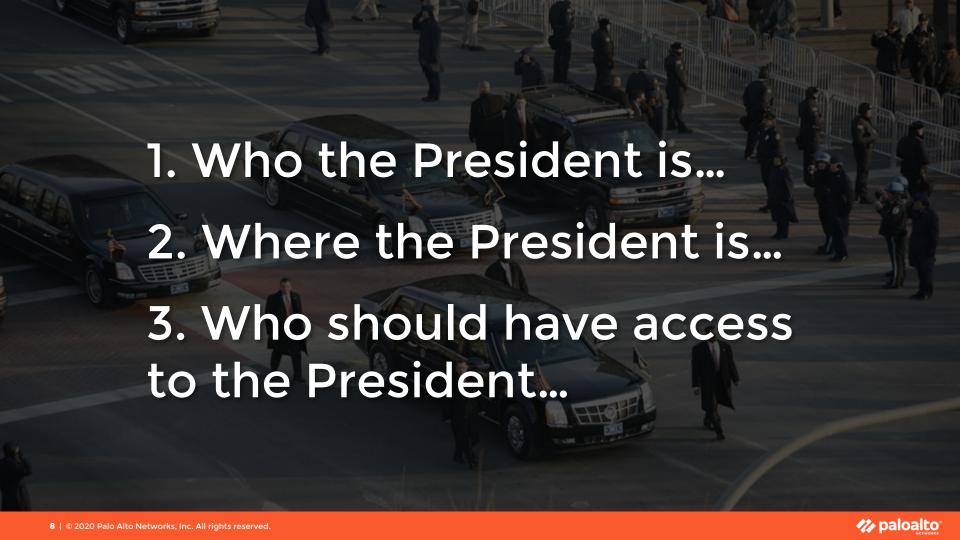
VULNERABILITY

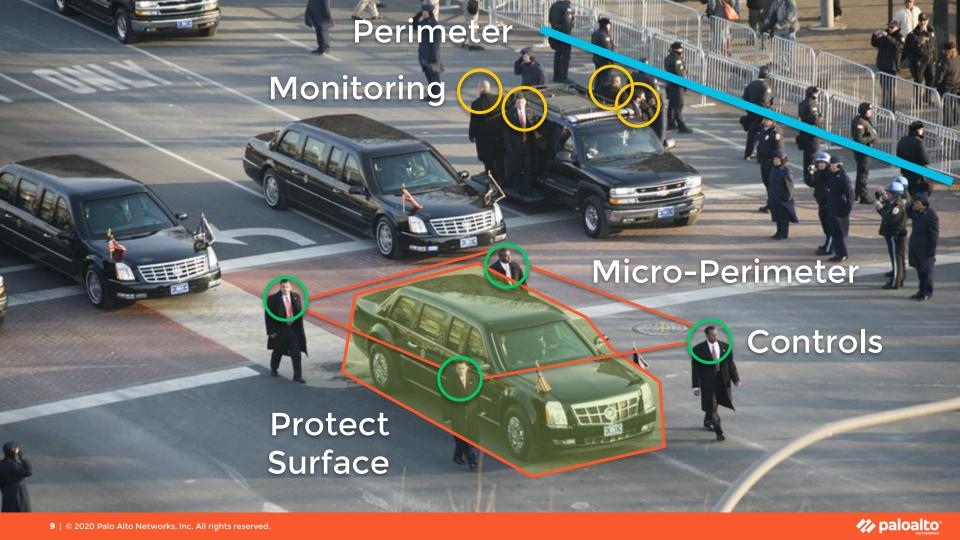
that is

EXPLOITED by MALICIOUS actors

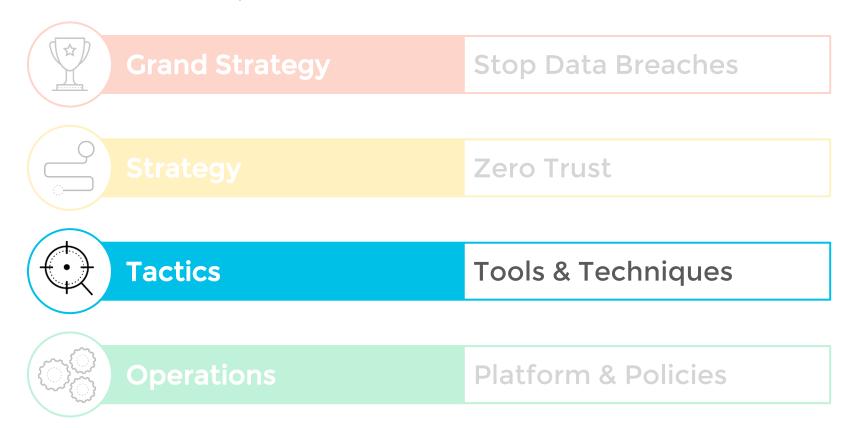
Zero Trust Design Concepts



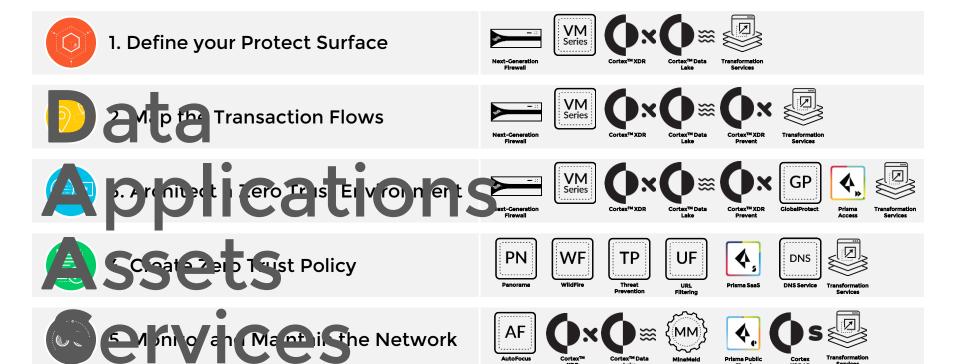


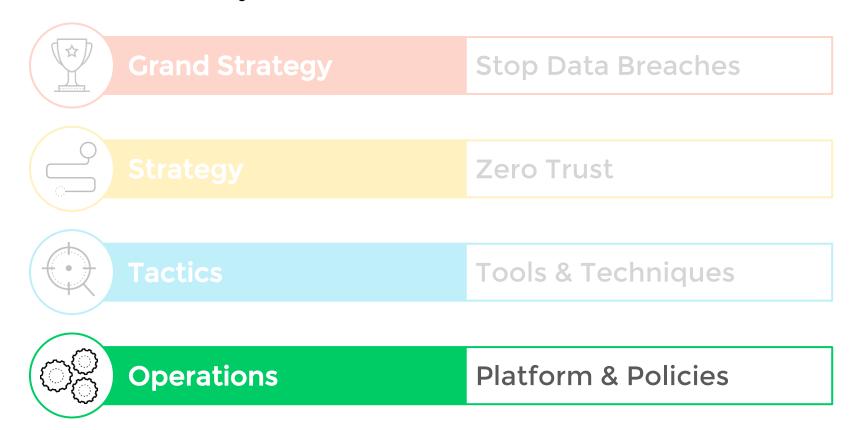






5 Steps to a Zero Trust Environment





The Kipling Method of Zero Trust Rule Writing

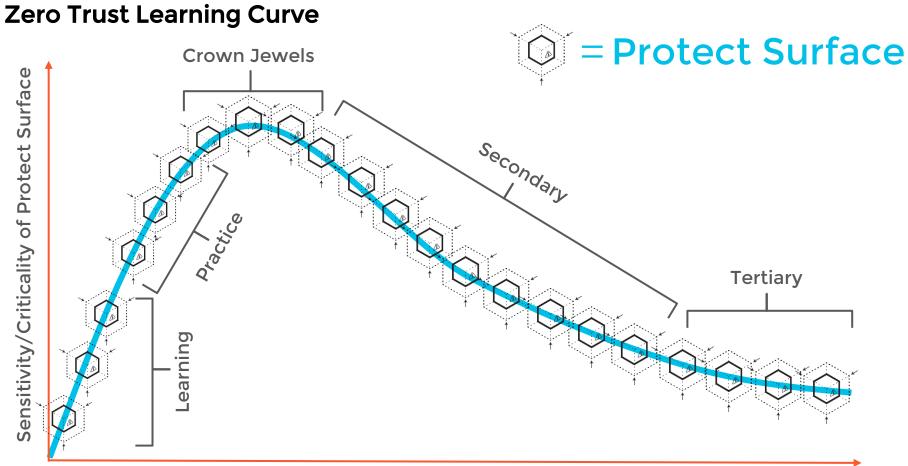
Who	What	When	Where	Why	How
User ID	Application ID	Time Limitations	Device ID	Classification	Content ID
Auth type			System Object	Data ID	Threat Protection
			Workload		SSL Decryption
			Geolocation		URL Filtering
					Wildfire

Cloud:

IF Who (UID) = Sales, What (AID) = Salesforce, When (TOD) = Working Hours, Where (LOC) = US, Why (CLASS) = Toxic, How (CID) = SFDC_CID, THEN Allow.

On Prem:

IF Who (UID) = Epic_Users, What (AID) = Epic, When (TOD) = Any, Where (LOC) = Epic_Srvr, Why (CLASS) = Toxic, How (CID) = Epic_CID, THEN Allow.



Time on Zero Trust Journey

ZER TRUST



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