Zero Trust Roadmap

A Roadmap to Enhanced Security

Roadmap Essentials
Roadmap Is Vital To Achieving Zero Trust

- Utilize the CoAction ZTX framework for comprehensive strategy.
- Involve business and IT stakeholders in roadmap development.
- Identify interdependencies with other projects.

Maturity Assessment
Plot Your Maturity To Discover Your Starting Point

- Assess current Zero Trust maturity and establish a baseline.
- Identify existing business initiatives and security capabilities.
- Set desired maturity state and time frames.
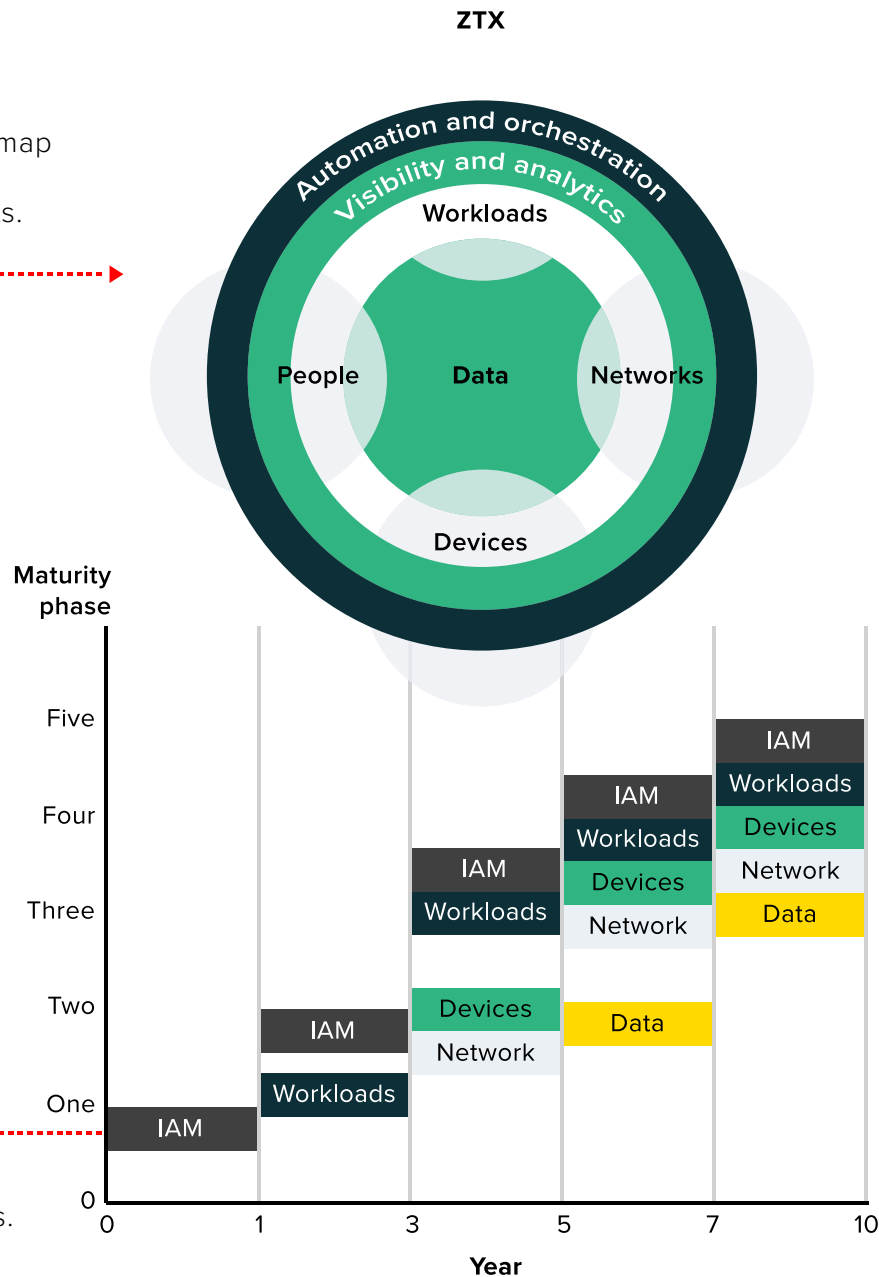
Zero Trust for People
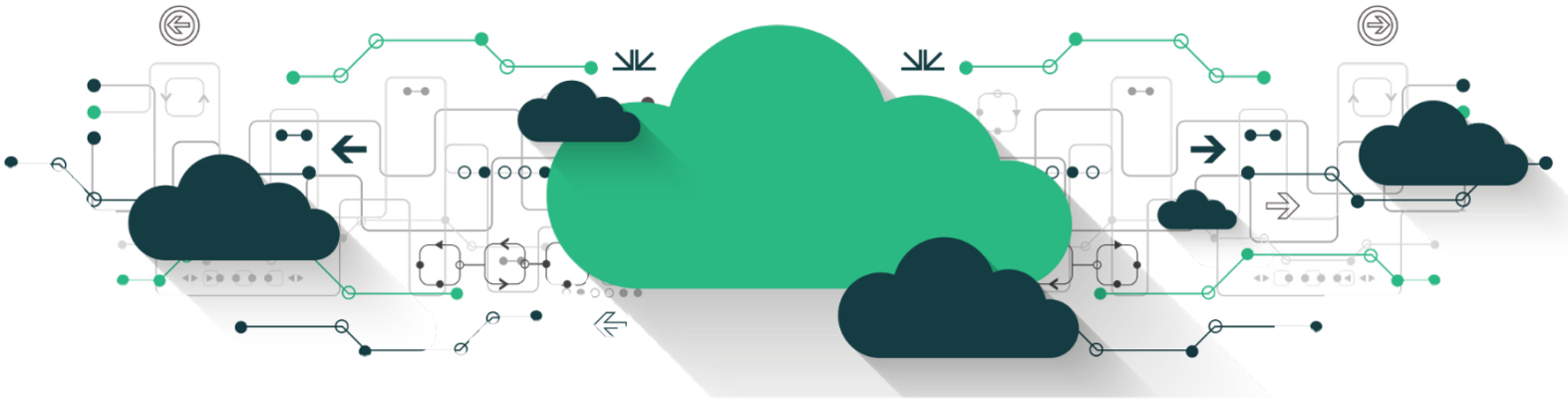**Empower Your People with Trustworthy Access**

- Invest in IAM technologies for critical business solutions.
- Apply least privilege access principles.
- Retire passwords for enhanced security.

Zero Trust for Workloads
Securing Cloud Workloads Effectively

- Establish robust cloud governance processes.
- Monitor workload configurations to prevent vulnerabilities.
- Prioritize cloud-native security solutions.

ZTX

Automation and orchestration
Visibility and analytics

Workloads

People   Data   Networks

Devices

Maturity phase

Five

Four

Three

Two

One

0

Year	IAM	Workloads	Devices	Network	Data
0	IAM				
1	IAM	Workloads			
3	IAM	Workloads	Devices	Network	
5	IAM	Workloads	Devices	Network	Data
7	IAM	Workloads	Devices	Network	Data

0   1   3   5   7   10

Year

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Zero Trust for Devices
Strengthen Device Security

- Apply Zero Trust network segmentation for device management.
- Implement IoT device hardening techniques.
- Address user risks from BYOD policies.

Zero Trust for Networks
Redefining Network Security

- Redraw boundaries to protect resources, not networks.
- Implement controls at the enterprise edge.
- Leverage modern enterprise firewalls for enhanced security.

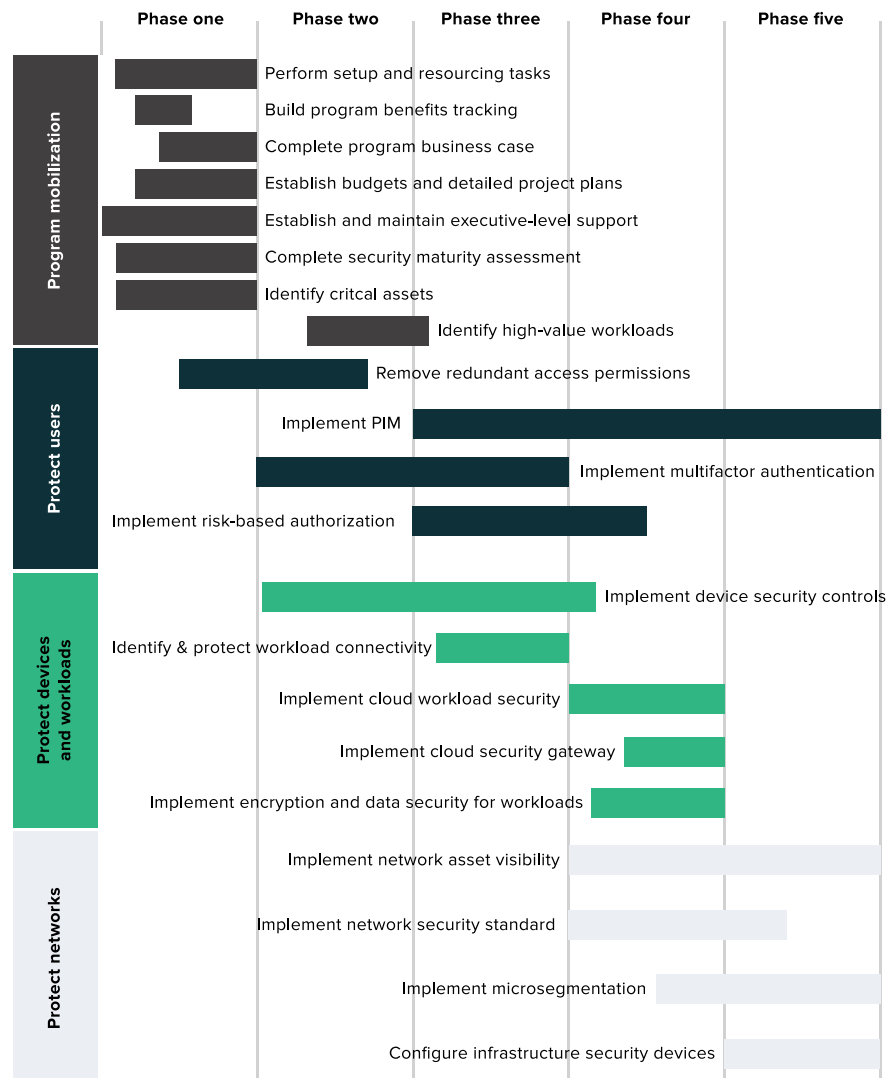## Zero Trust for Data
Safeguarding Your Critical Data

- Invest in IAM technologies for critical business solutions.
- Apply least privilege access principles.
- Retire passwords for enhanced security.

Engaging the Board
Bringing ZT Strategy to the Boardroom

- Emphasize that ZT builds customer trust.
- Build engaging ZT content and maintain clear communication with the board.
- Translate technology needs into business benefits.

Highlight the importance of a Zero Trust approach.

	Phase one	Phase two	Phase three	Phase four	Phase five
Program mobilization	Perform setup and resourcing tasks				
	Build program benefits tracking				
	Complete program business case				
	Establish budgets and detailed project plans				
	Establish and maintain executive-level support				
	Complete security maturity assessment				
	Identify critcal assets				
		Identify high-value workloads			
Protect users		Remove redundant access permissions			
			Implement PIM		
		Implement multifactor authentication			
		Implement risk-based authorization			
Protect devices and workloads			Implement device security controls		
	Identify & protect workload connectivity				
		Implement cloud workload security			
		Implement cloud security gateway			
		Implement encryption and data security for workloads			
Protect networks		Implement network asset visibility			
		Implement network security standard			
		Implement microsegmentation			
		Configure infrastructure security devices			

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