devoteam

Roadmap to Zero-Trust

4 weeks Assesment

Creative tech for Better Change

Agenda

- About Devoteam M Cloud
- What is Zero Trust
- Why Zero Trust
- Structured approach
- Assessment topics
- The Outcome

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devoteam
M Cloud

A leading Partner for Premium Consulting, Solutions & Managed Services for **Microsoft.**

Microsoft Azure   Microsoft Dynamics®365   Microsoft 365

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A powerful and wide Microsoft presence in EMEA

Sized for agility and trust

Gold
Microsoft Partner | Azure Expert MSP
◼ Microsoft

+ 140 Mio €   Revenue
+ >1000   Experts
+ 1950

                Certifications

Our expertise

🏆 16 Gold competencies

👑 5 Advanced specializations
Threat Protection   Change & Adoption   Azure Windows and SQL migration
Kubernetes on Azure   Azure application modernisation

✔ CSP Tier 1
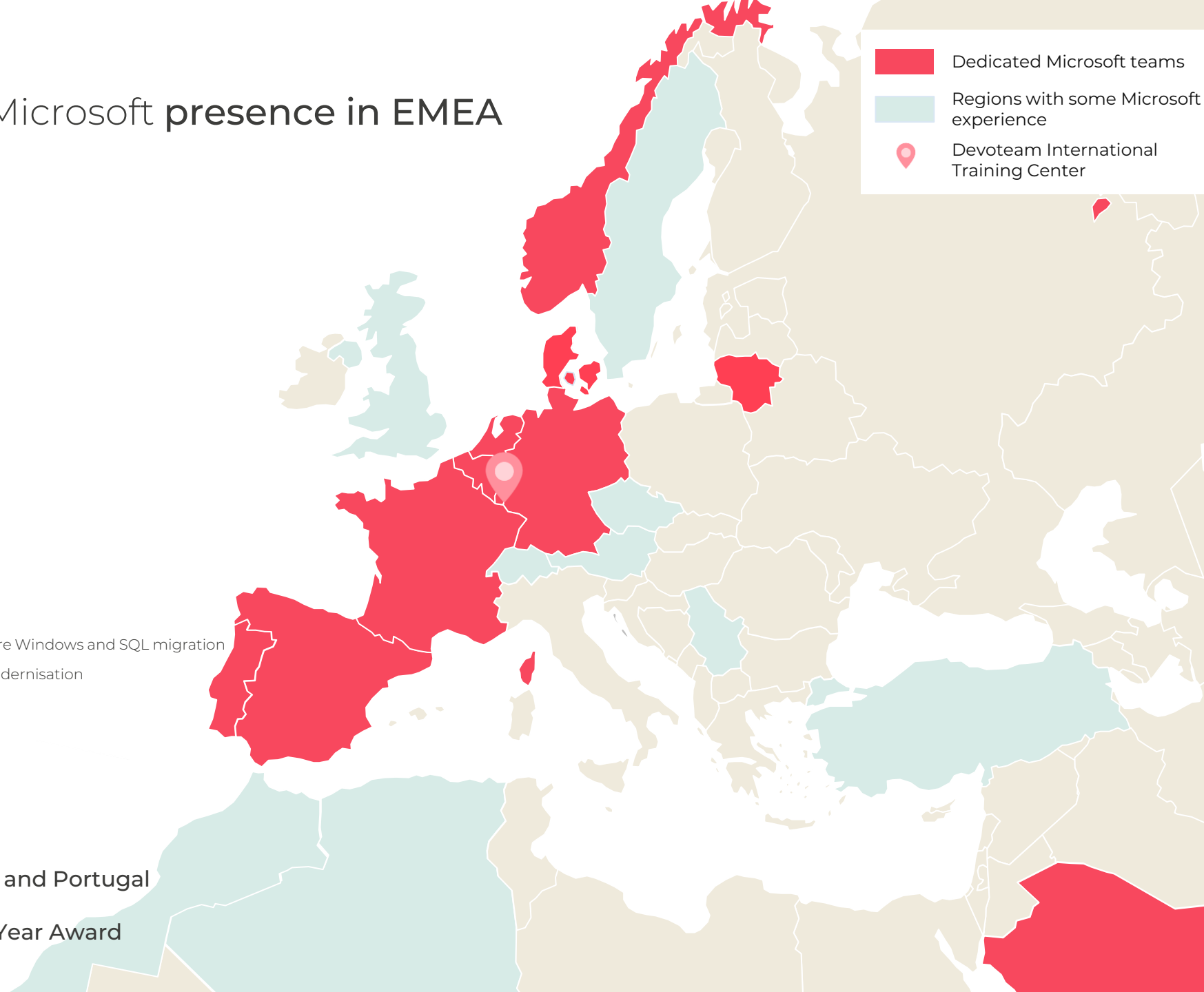
✔ Azure expert MSP

✔ Authorized Training Partner

✔ Center of Excellence, Lithuania and Portugal

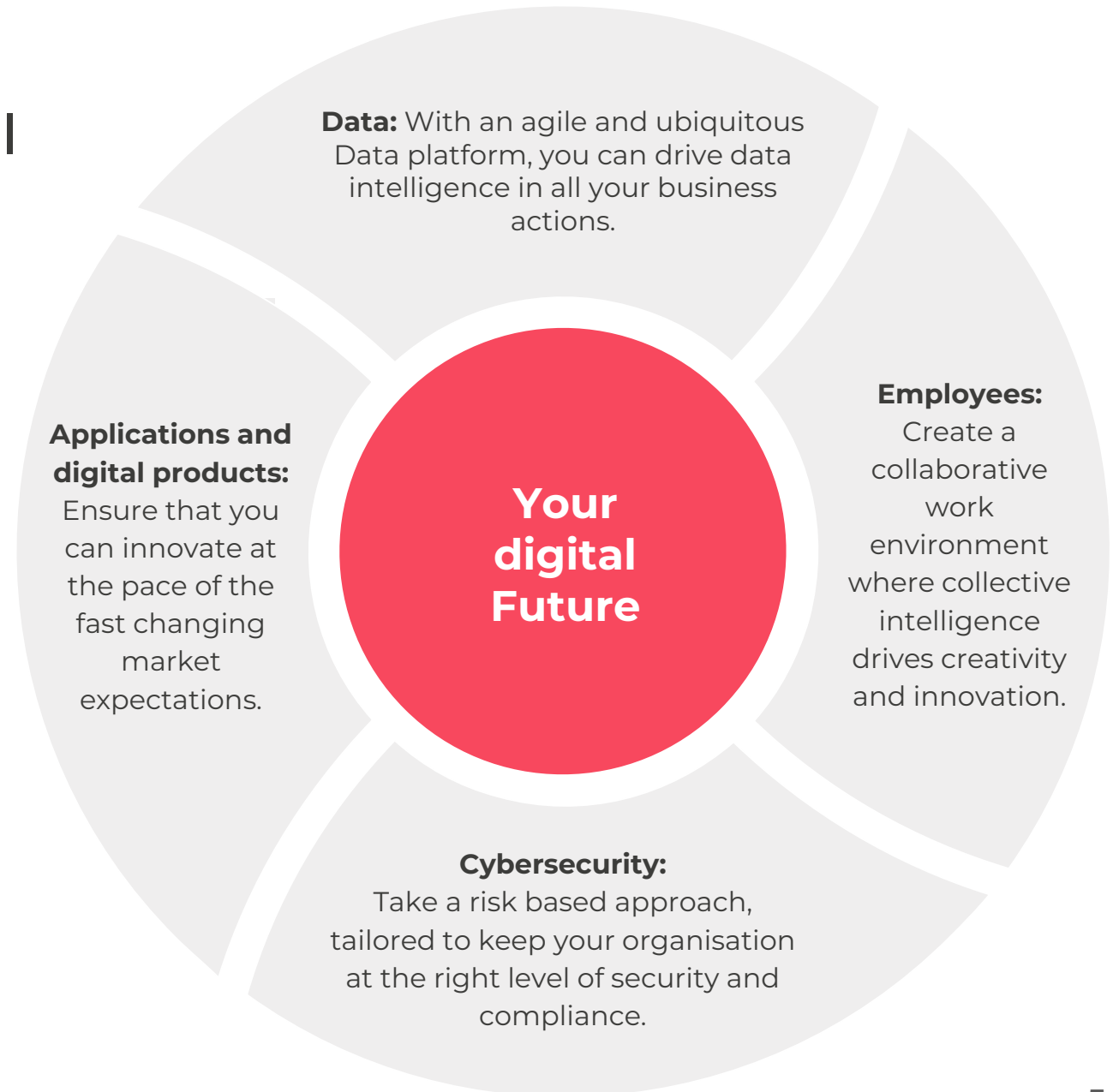🏆 2019, 2020, 2021 Partner of the Year Award

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Legend:
- ▰ Dedicated Microsoft teams
- ▰ Regions with some Microsoft experience
- 📍 Devoteam International Training Center

What is **our approach of digital transformation** in partnership with you?

The goal of **digital transformation** is to use technology to make your **organisation more productive,** your **employees more creative** and your **business more enchanting for customers** while **controlling costs** at the same time.

Data: With an agile and ubiquitous Data platform, you can drive data intelligence in all your business actions.

Applications and digital products: Ensure that you can innovate at the pace of the fast changing market expectations.

Your digital Future

Employees: Create a collaborative work environment where collective intelligence drives creativity and innovation.

Cybersecurity: Take a risk based approach, tailored to keep your organisation at the right level of security and compliance.

Our competencies:
The multidisciplinary holistic approach

Re-imagine & Co-design

What is your status quo? What is the right digital mix for your business? What is needed to achieve the desired business outcomes?

Enforce security & compliance

Rather than being a blocker, make security & compliance an enabler of your digital future by integrating security from the start.

Build & Migrate

Your new digital architecture requires a solid foundation and proven best practices to efficiently go from planning to successful migration

Adopt, Modernize & Innovate

Modernise your Apps and fully exploit cloud native capabilities to innovate your digital products faster than your competition.

Operate & Optimize

Manage your cloud estate to higher levels of performance and economies, while continuously leveraging cloud platform innovation.

initiate   **define**   **transform**   **perform**

This framework can be duplicated for your projects on the 3 Microsoft clouds.

Our value propositions

Expertise across all **Microsoft Clouds.**

Speed up Cloud Innovation

- Enterprise Cloud Transformation
- Cloud-native Infrastructures & Apps
- Identity & Access Security
- Data Platform & AI
- Cloud Effectiveness & Optimization

Digitize your Business Processes

- Enterprise-grade business applications
- Low code developments
- Business process digitization and optimization
- BI and visualization

Harness Cloud-based Productivity

- Agile & Secure Modern Work
- Creative Team Work
- Knowledge & employee experience
- Compliance
- Firstline Workers

Microsoft Azure

Microsoft Dynamics® 365

Microsoft 365

Digital trust and security is our mission.

Better change is built on trust and resilience.

Embrace a digital journey with trust and confidence in the resilience of your business.

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What is Zero-Trust ?

Microsoft Zero-Trust Principles

Verify explicitly
Always authenticate and authorize based on all available data points, including user identity, location, device health, service or workload, data classification, and anomalies.

Use least privileged access
Limit user access with just-in-time and just-enough-access (JIT/JEA), risk-based adaptive polices, and data protection to help secure both data and productivity.

Assume breach
Minimize blast radius and segment access. Verify end-to-end encryption and use analytics to get visibility, drive threat detection, and improve defenses.
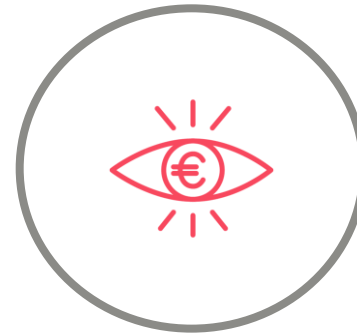
Why Zero-Trust

Complete Scope

Enabling secure
modern workplace
and cloud adoption

Best Practices

Busines fit
Industry best practices
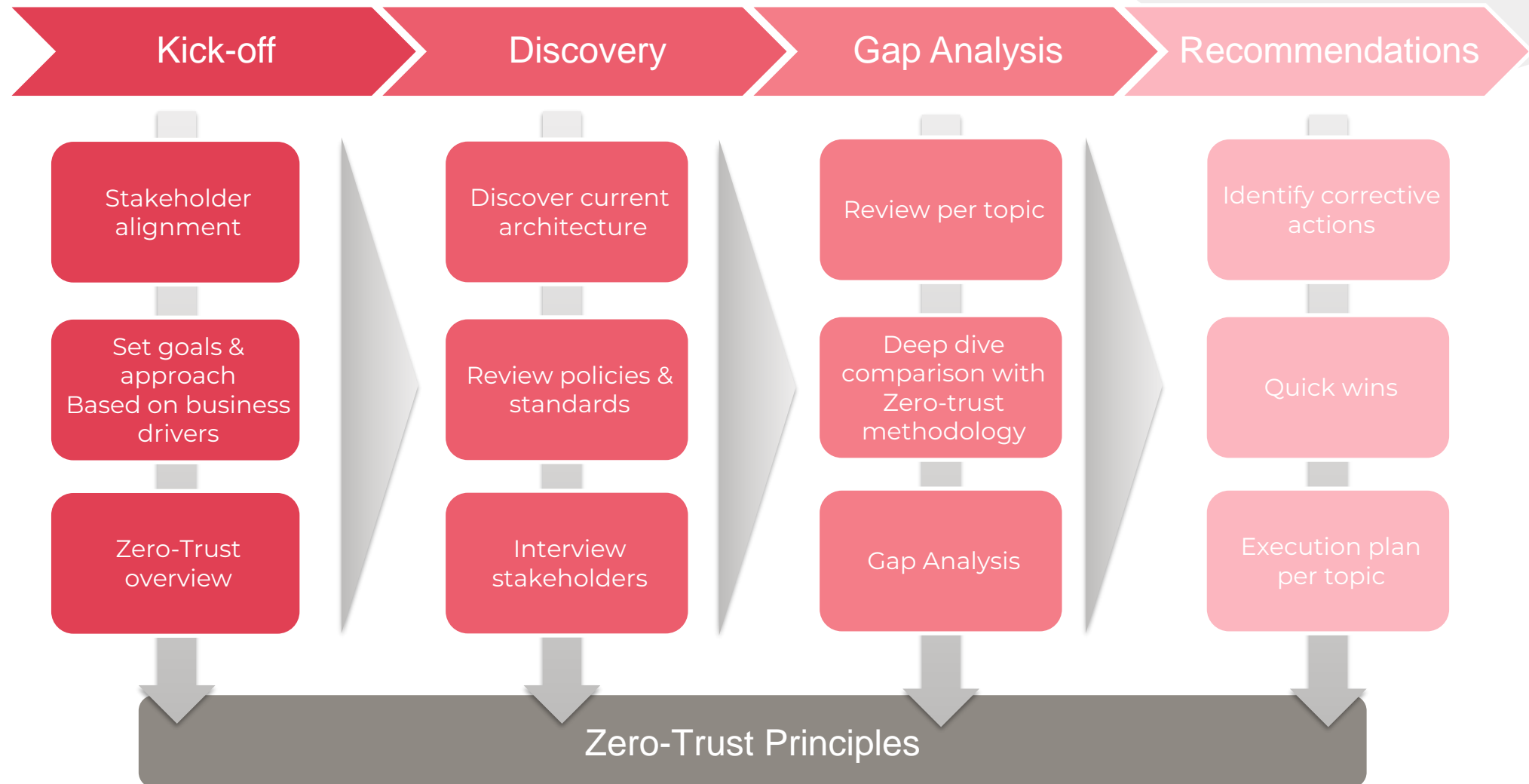Standardized platfom

Optimize

Increase value
Optimize cost
Improve efficiency

Peace of Mind

Future proof
Supports agility
Reduce risks
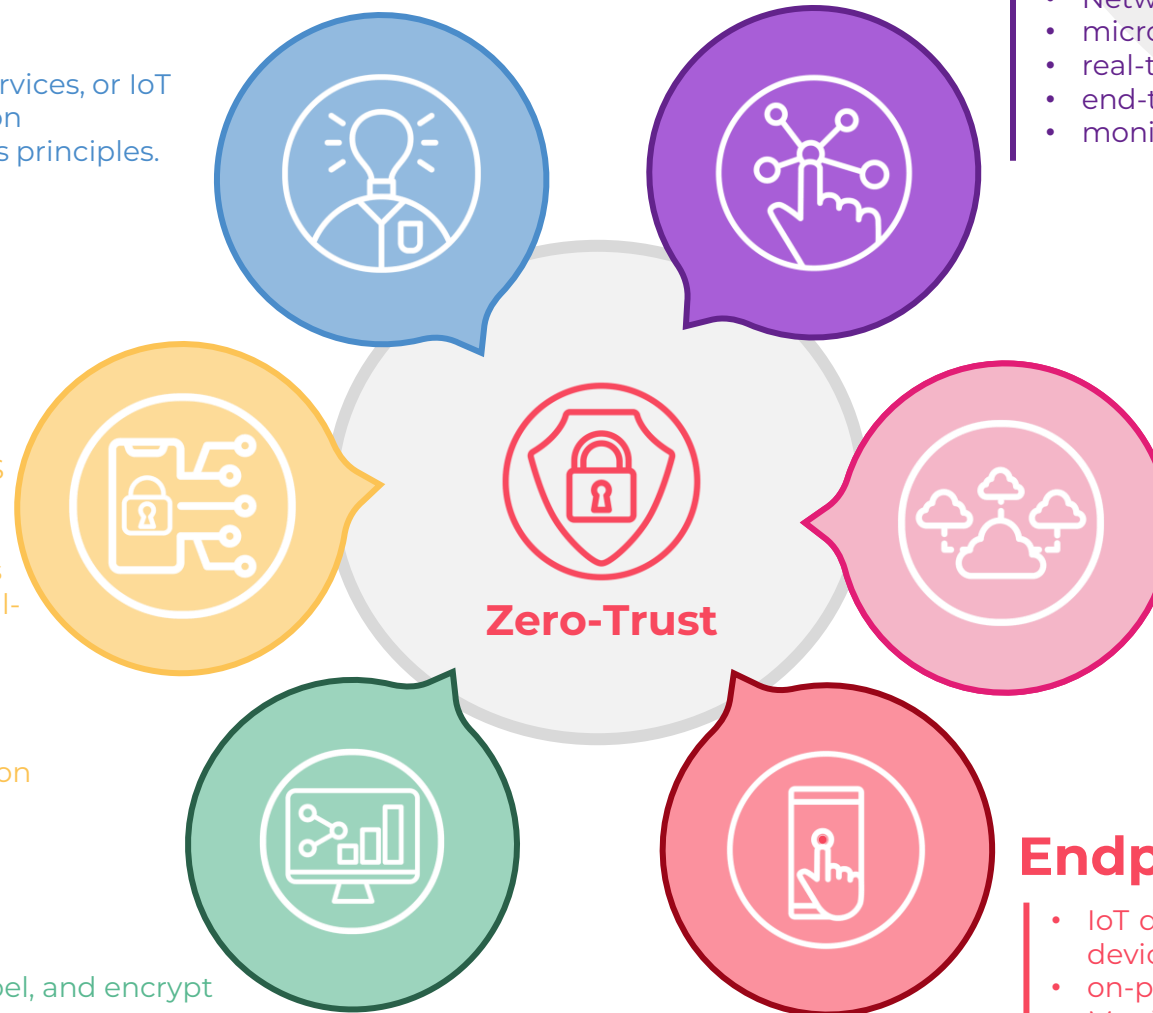Reduce complexity

A Structured Approach to Zero-Trust

Kick-off	Discovery	Gap Analysis	Recommendations
Stakeholder alignment	Discover current architecture	Review per topic	Identify corrective actions
Set goals & approach Based on business drivers	Review policies & standards	Deep dive comparison with Zero-trust methodology	Quick wins
Zero-Trust overview	Interview stakeholders	Gap Analysis	Execution plan per topic

Zero-Trust Principles

Assessment Topics

Identity

- represent people, services, or IoT
- strong authentication
- least privilege access principles.

Network

- Networking controls
- micro-segmentation
- real-time threat protection
- end-to-end encryption
- monitoring, and analytics.

Application

- legacy on-premises, lifted-and-shifted to cloud workloads, or modern SaaS applications.
- discover shadow IT
- Control in-app permissions
- Authorization based on real-time analytics
- monitor for abnormal behavior
- control user actions
- validate secure configuration options.

Infrastructure

- on-premises servers
- cloud-based VMs
- Containers
- micro-services
- harden defense
- Telemetry to detect attacks and anomalies
- Automated remediation

Data

- Classify, label, and encrypt data
- restrict access based on those attributes.

Endpoints

- IoT devices, smartphones, BYOD, partner-managed devices
- on-premises workloads to cloud-hosted servers.
- Monitor and enforce device health and compliance for secure access.

Zero-Trust

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The Outcome

Contextualized
Processes, People, Platform

Corrective actions in the correct context through a clearly defined roadmap of execution.

Leverage
'Cyber everywhere'

Easily mature your platforms and workflows footprint, with security and compliance measures, enforced at the speed of scale.