COMGUARD

cyber security masters

Snižte rizika napříč hybridním prostředím

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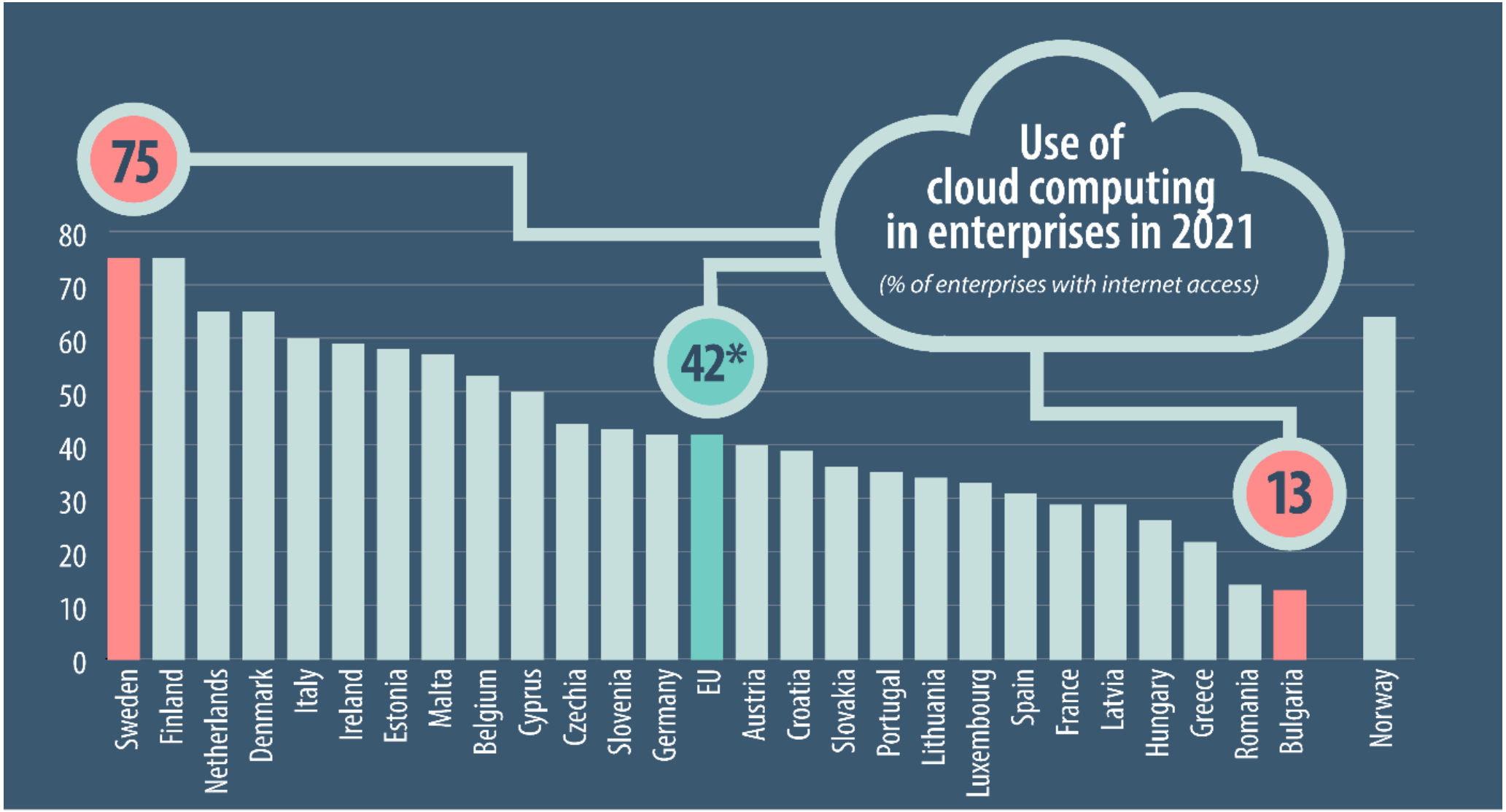
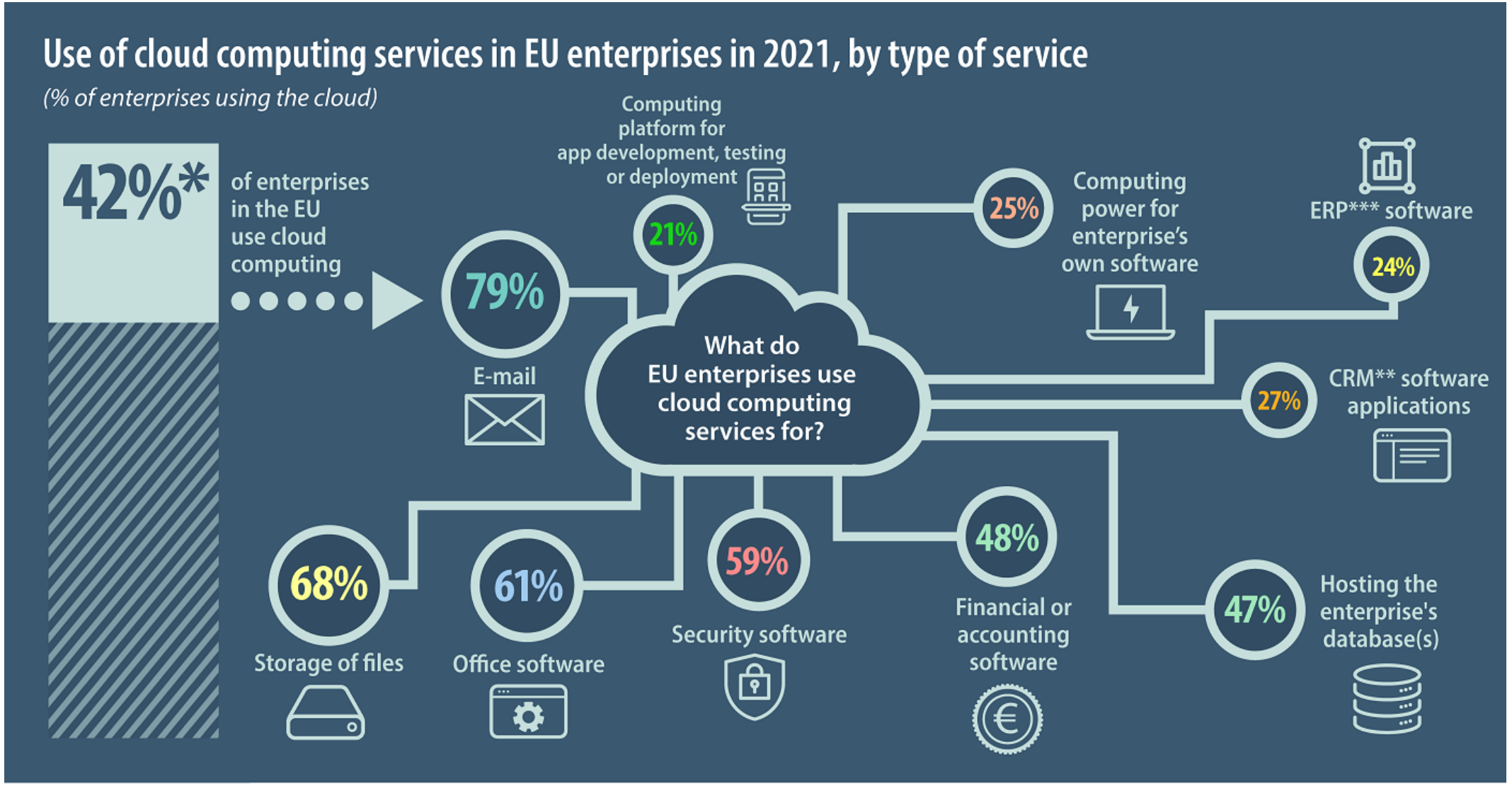
“By 2025, more than 90% of enterprise cloud infrastructure and platform environments will be based on a CIPS [cloud infrastructure and platform services] offering from one of the top four public cloud hyperscale providers, up from 75% to 80% in 2021.” - Gartner®



*Poland: data temporarily not available. As a result, the EU aggregate has been estimated.

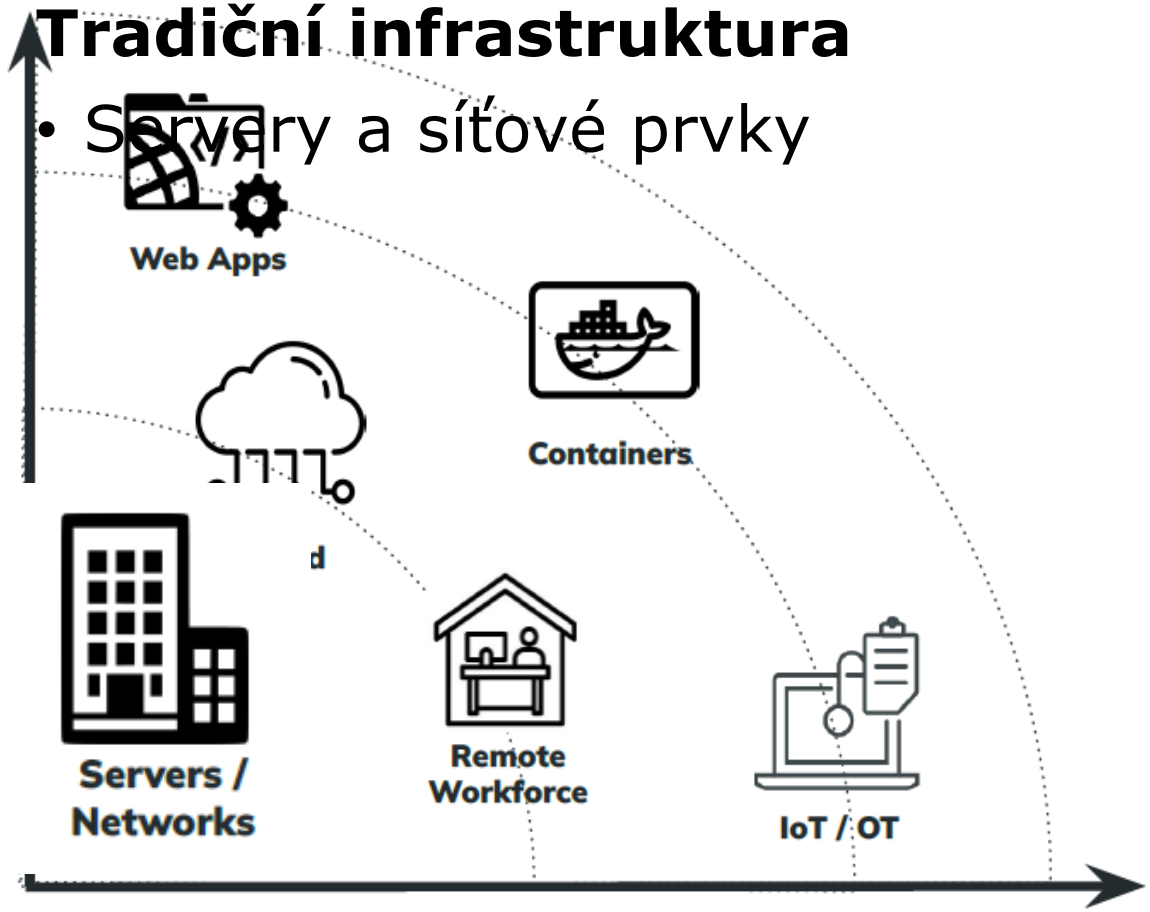
ec.europa.eu/eurostat


Use of cloud computing services in EU enterprises in 2021, by type of service
(% of enterprises using the cloud)
42%*
of enterprises in the EU use cloud computing
What do EU enterprises use cloud computing services for?
79%
E-mail
21%
Computing platform for app development, testing or deployment
25%
Computing power for enterprise's own software
ERP*** software
24%
27%
CRM** software applications
48%
Financial or accounting software
47%
Hosting the enterprise's database(s)
59%
Security software
61%
Office software
68%
Storage of files
*Poland: data temporarily not available. As a result, the EU aggregate has been estimated.
**Customer Relationship Management (CRM)
*** Enterprise Resource Planning (ERP)
ec.europa.eu/eurostat

Attack Surface

Tradiční infrastruktura

- Servery a síťové prvky



Moderní infrastruktura

- Servery a síťové prvky
- Webové aplikace
- Infrastruktura v cloudu
- IoT/OT

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Webové aplikace = častý cíl útočníků

- Jsou vždy přístupné z internetu
- Používají se známe platformy
- Webové servery – výborné zdroje aktiv
- Existuje propojení s dalšími systémy

30 000

Webových aplikací je v průměru hacknuto každý den (2022)

62%

Webových aplikací obsahuje kritickou zranitelnost (2022)

XSS

SQL Injection

Nejčastější využívané zranitelnosti ve WordPress Plugins

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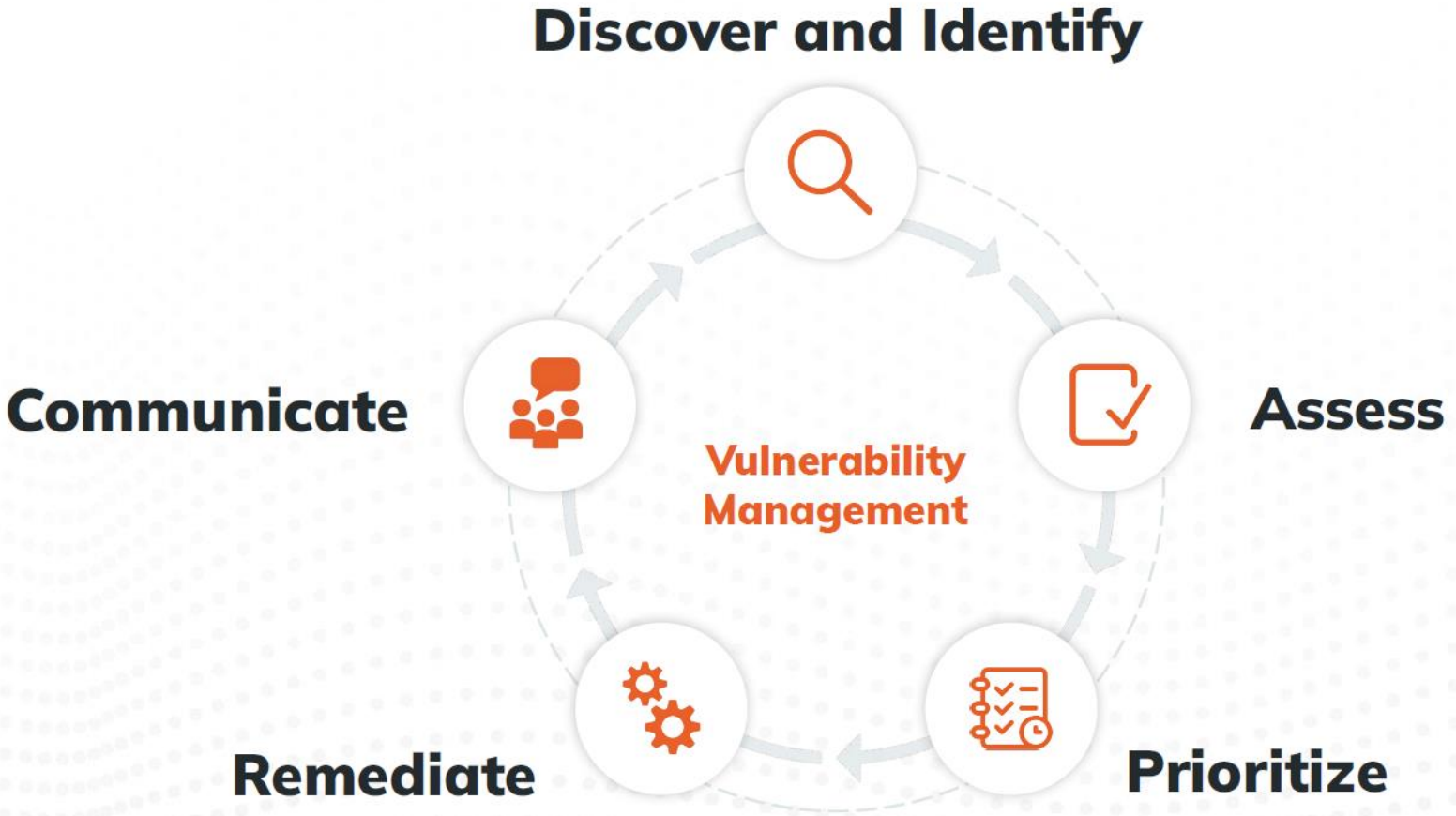
Discover and Identify
Assess
Prioritize
Remediate
Communicate
Vulnerability Management

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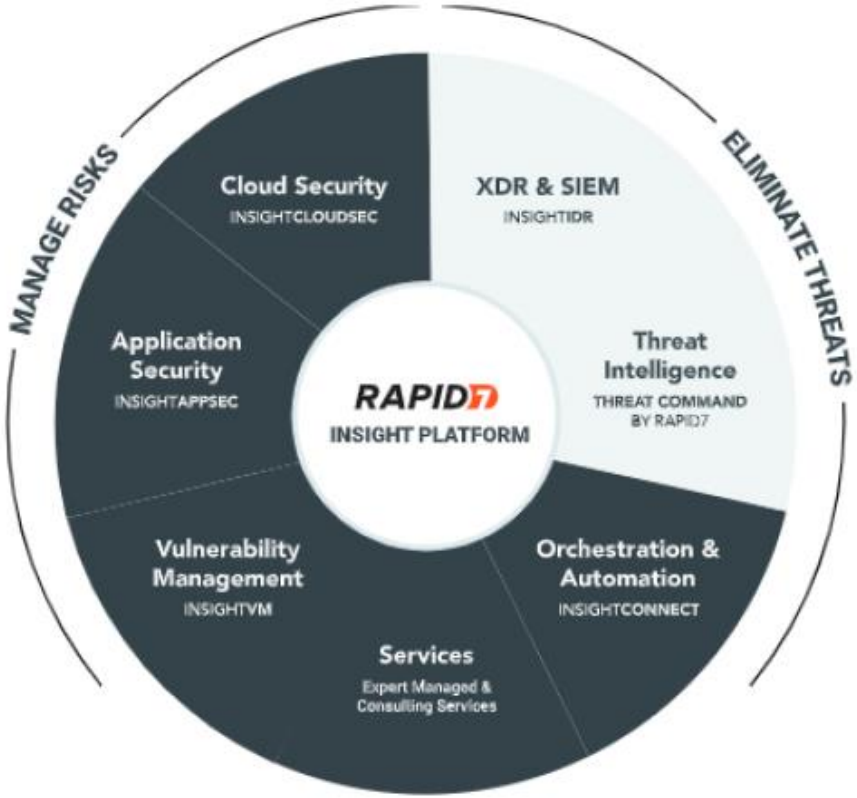
Cloud Risk Complete

- On-premise infrastruktura
- Cloud
- Webové aplikace



STRONG PERFORMER
Cloud Workload Security, Q1 2022
FORRESTER

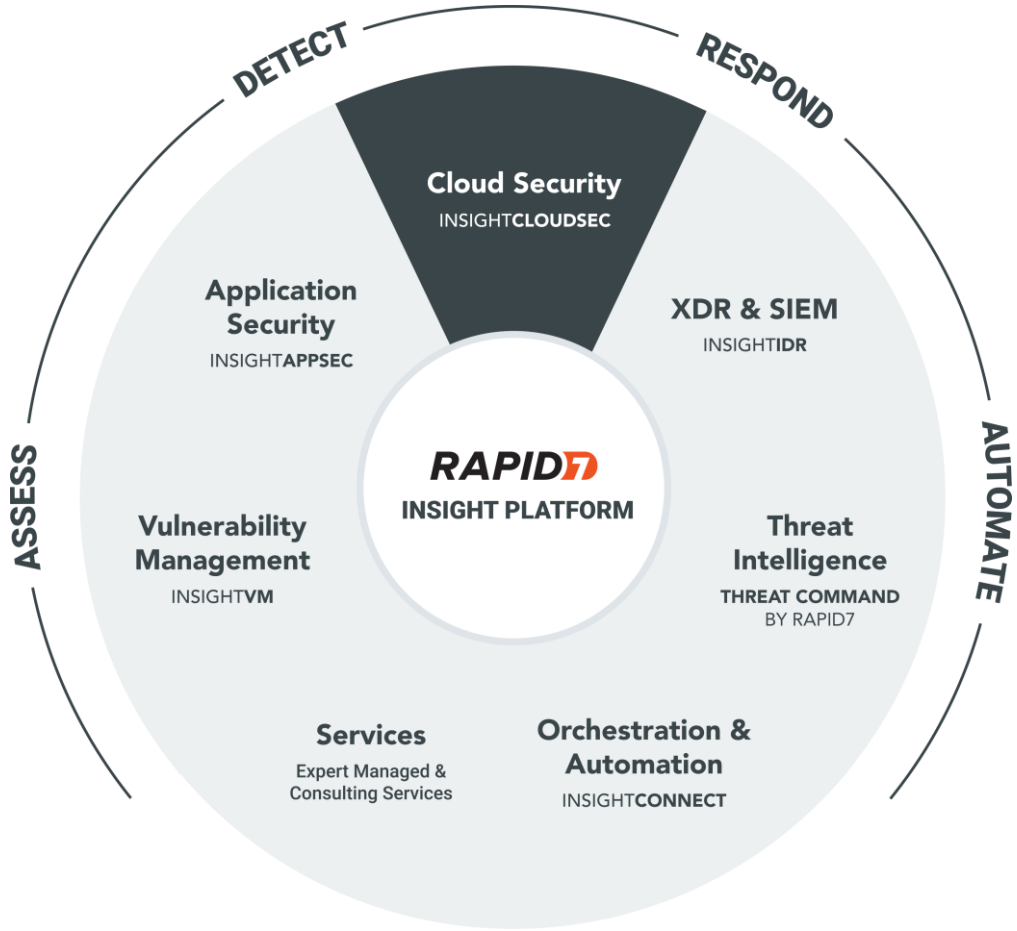
VISIONARY
AppSec Magic Quadrant 2021, 2022
Gartner

CUSTOMERS' CHOICE
Peer Insights Vuln. Assessment, 2020
Gartner

LEADER
VRM Wave, Q4 2019
FORRESTER

insightCloudSec

- Identity and Access Management
- Cloud vulnerability management
- Misconfiguration and data breach prevention
- Infrastructure as a Code
- Governance, risk management, compliance



Amazon Microsoft Google Alibaba Kubernetes

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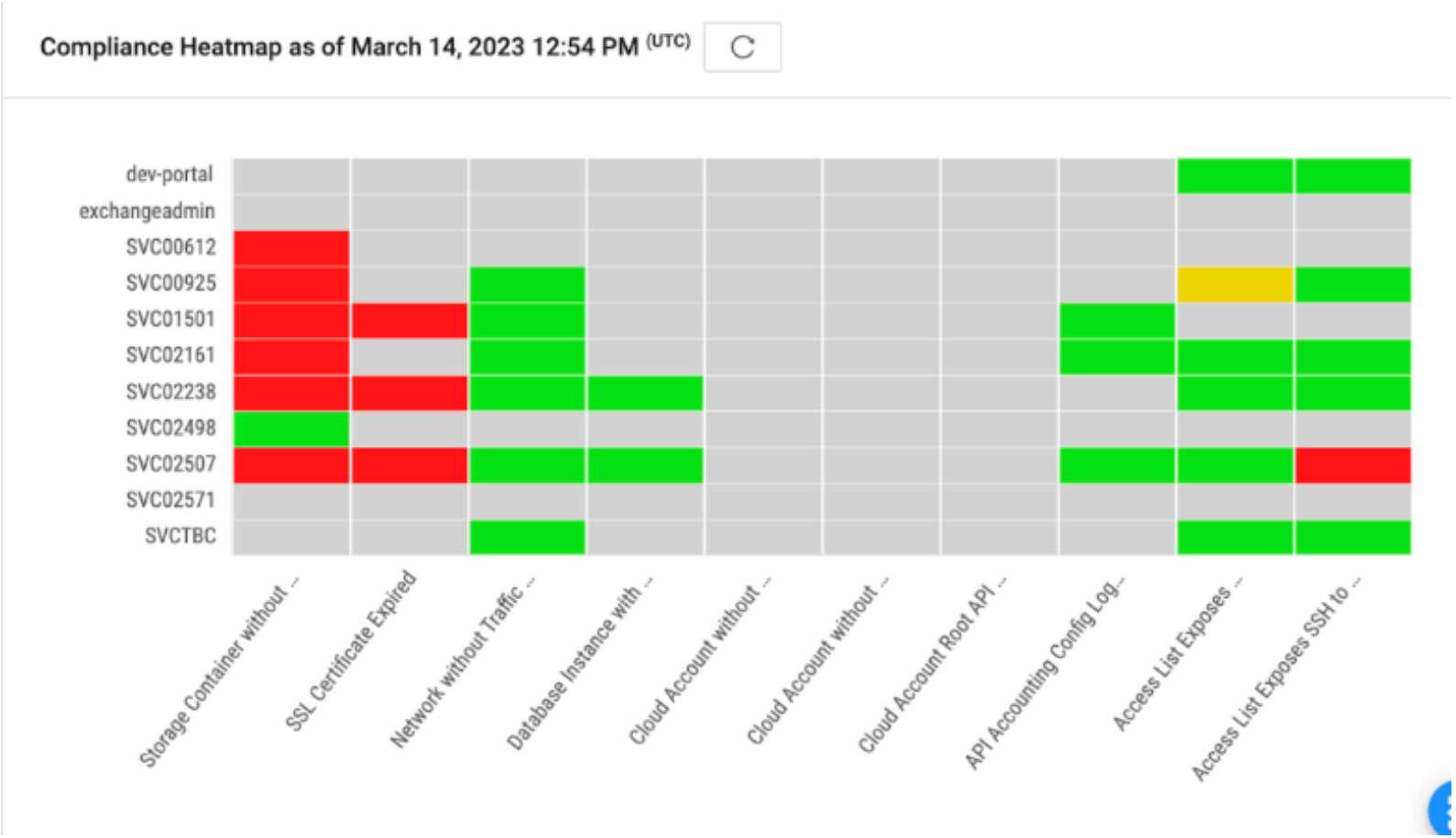
Compliance Heatmap



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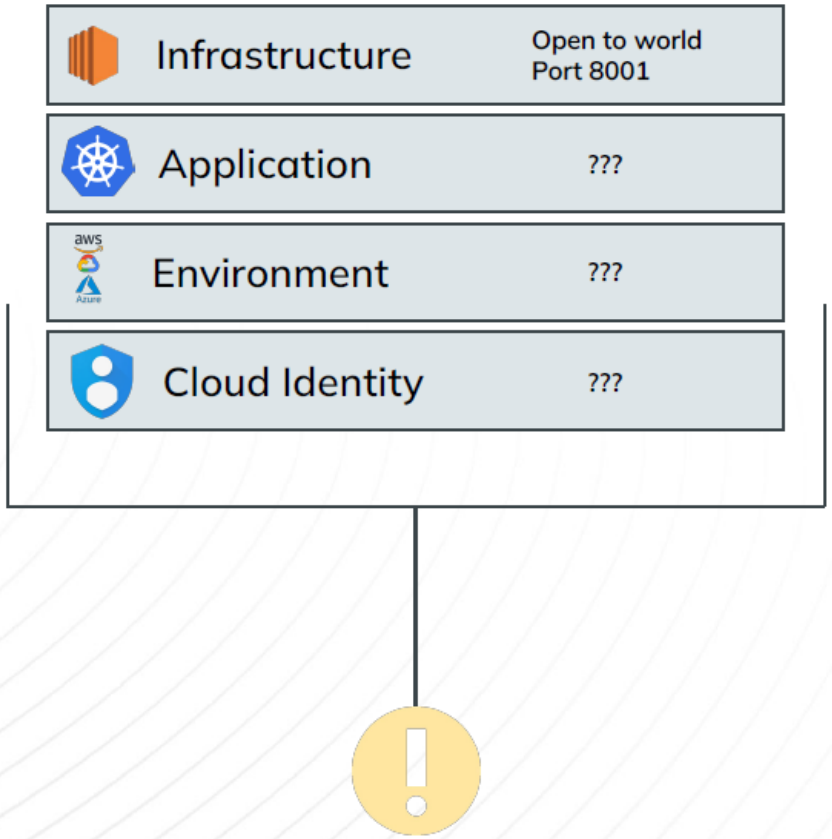
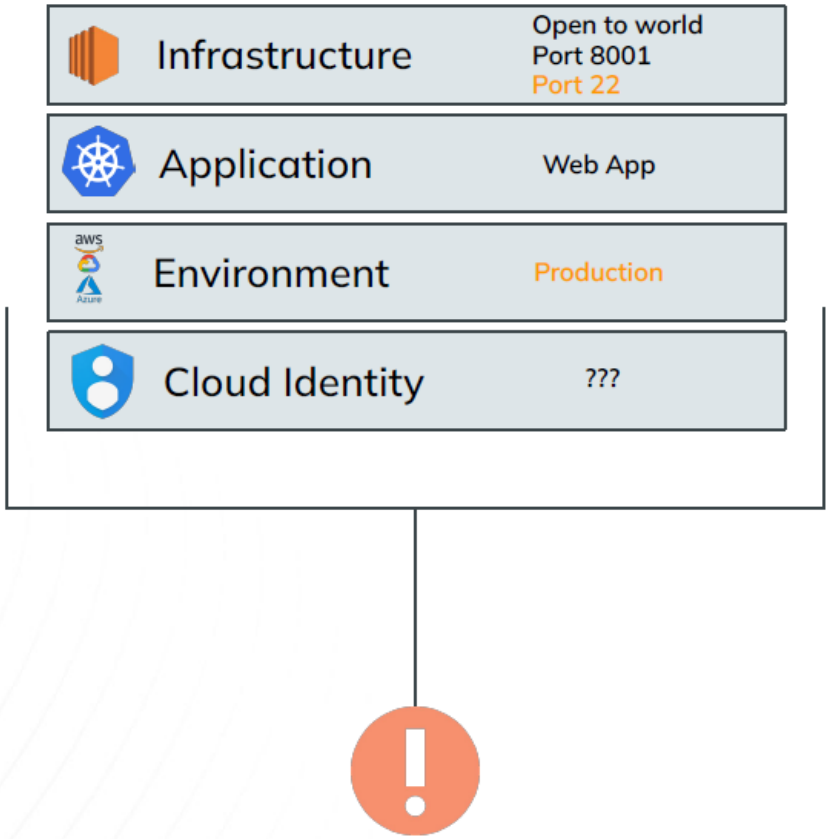
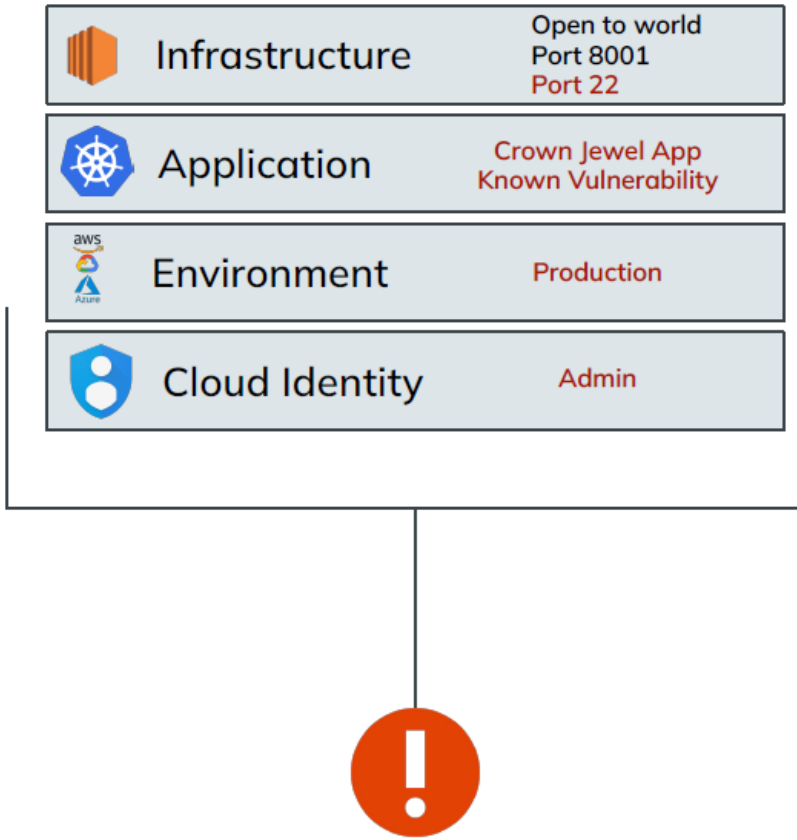


Risk : N/A
Action: Notify



Risk: Medium
Action: Escalate



Risk: High
Action: Automate

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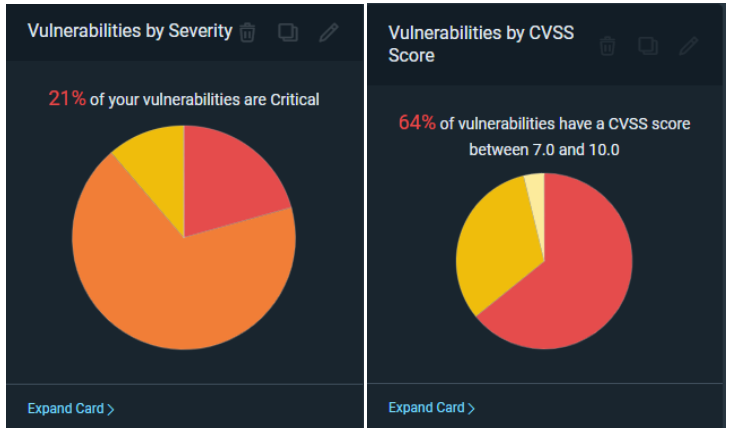
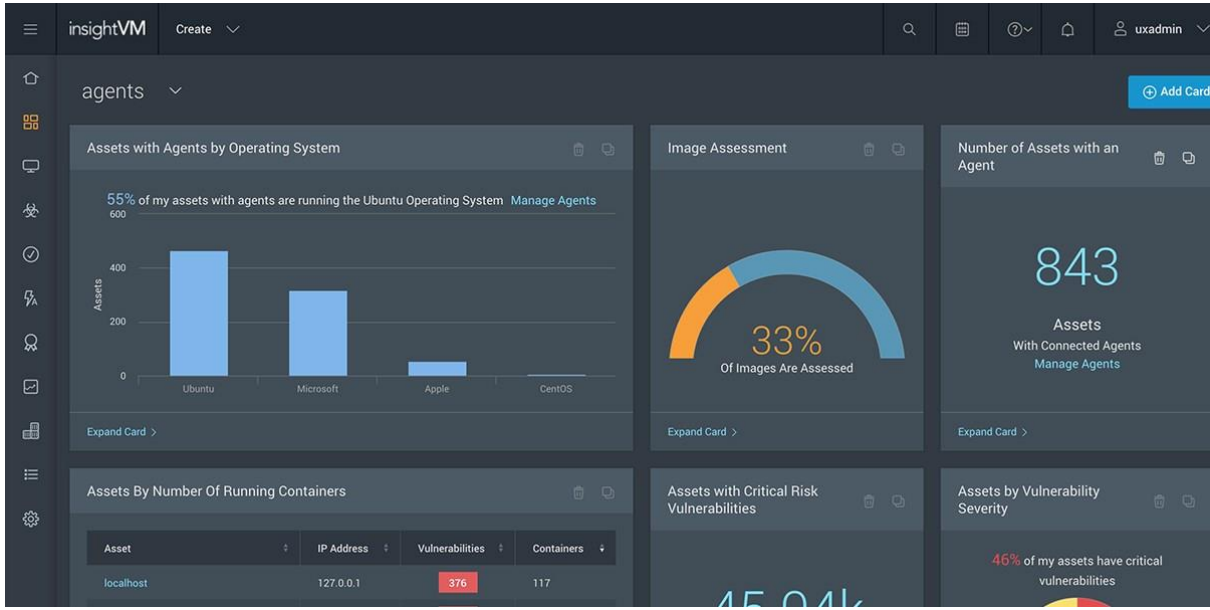
insightAppSec

- Dynamická analýza webové aplikace (DAST)
- Detekce logických chyb a chyb validace vstupů
- Identifikuje několik druhů zranitelností z Rapid7 knihovny – obsahuje 101 útoků
- Automatizované testování

insightVM

- Vulnerability management on-premise v kombinaci s cloud
- Využívá agenta na koncových strojích
- **Real risk skore** – prioritizace nalezených zranitelností
- **Asset Management** – informace o nejzranitelnějších strojích
- **Remediation Projects**
- Propojení s Metasploit





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Jednorázový sken zranitelností

- Jednorázový
- Chybějící vývoj ve společnosti
- Cena

Vulnerability Management

- Reakce na Zero-Day
- Prioritizace assetů
- Řízení oprav
- Neustály přehled o trendech
- Pravidelné skeny
- Cena

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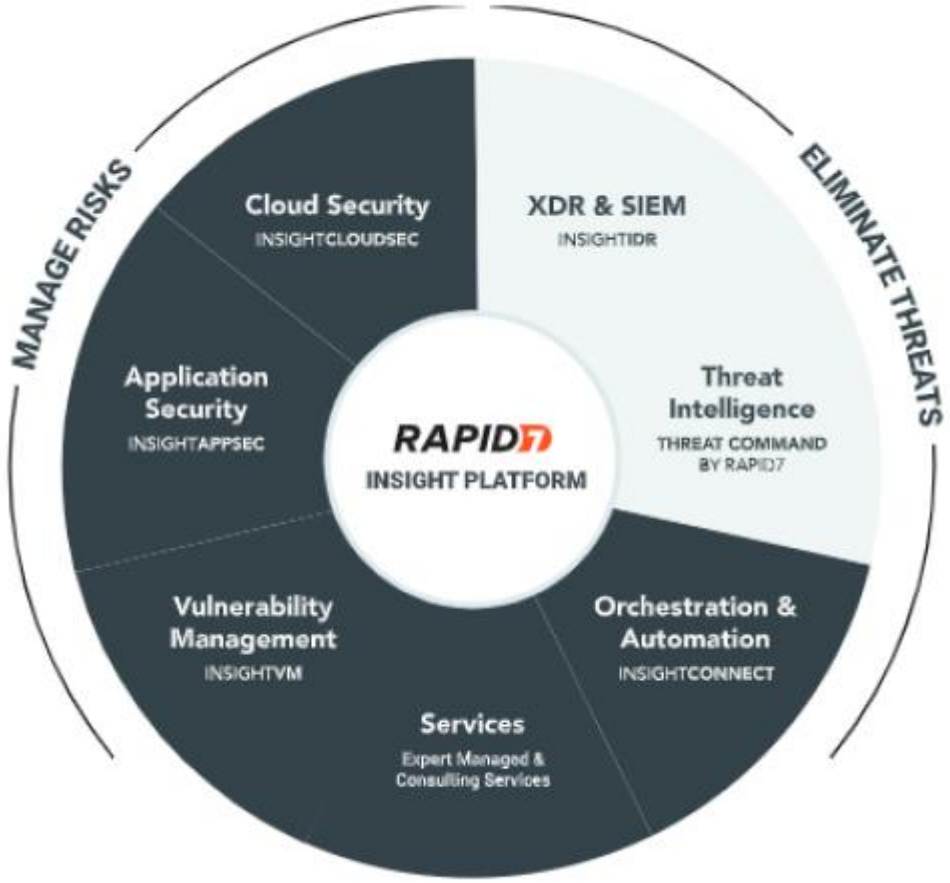
MANAGE RISKS
ELIMINATE THREATS
Cloud Security
INSIGHTCLOUDSEC
XDR & SIEM
INSIGHTIDR
Application Security
INSIGHTAPPSEC
Threat Intelligence
THREAT COMMAND BY RAPID7
RAPID7
INSIGHT PLATFORM
Vulnerability Management
INSIGHTVM
Orchestration & Automation
INSIGHTCONNECT
Services
Expert Managed & Consulting Services

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Děkujeme za pozornost!