Notfallwiederherstellung & Security Operations

Erfolgreiche auf Vorfälle reagieren und Notfälle meistern





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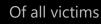
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Ransomware attacks continue to rise

In 2021, every **11 SECONDS** A company was hit by ransomware¹

Average cost of

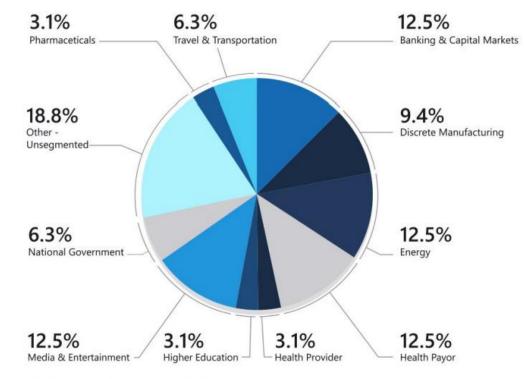
\$1.4M To recover from ransomware attacks¹ \$590M Reported ransom paid in 2021²



46% Paid a ransom demand¹ But got only

61% Of their data back¹ 57% Recovered data successfully¹

Only



Healthcare (Providers plus Payors) 15.6%, Energy 12.5%, Financial 12.5%, Media & Entertainment 12.5%

Figure 1: Percentage Distribution of Key Sectors Targeted in Recent Ransomware Attacks

Why do bad things happen?



Hardware will fail

So we incorporate physical redundancies wherever possible



Software will have bugs

So we deploy code changes cautiously to reduce the impact



People will make mistakes

So we automate people out of the equation where it makes sense

Business Continuity is Everyone's Business...









Ransomware

Data corruption and deletion Outages and natural disasters

Compliance

Protect your organization from ransomware



Create a response plan and adopt the right tools

Adopt an internal culture of Zero Trust, assumed breach, and good security hygiene and posture. Implement a system of data recovery/backup and secure access.

Related capabilities

- Remote access
- Zero Trust
- Security posture
- Data backup



Prevent attackers from getting in

Harden the security perimeter by leveraging best-in-class security workloads.

Deploy comprehensive prevention, detection, and response capabilities.

Related capabilities

- SIEM + XDR for prevention, detection, and response
- Cross-workload security



Protect critical data from compromise

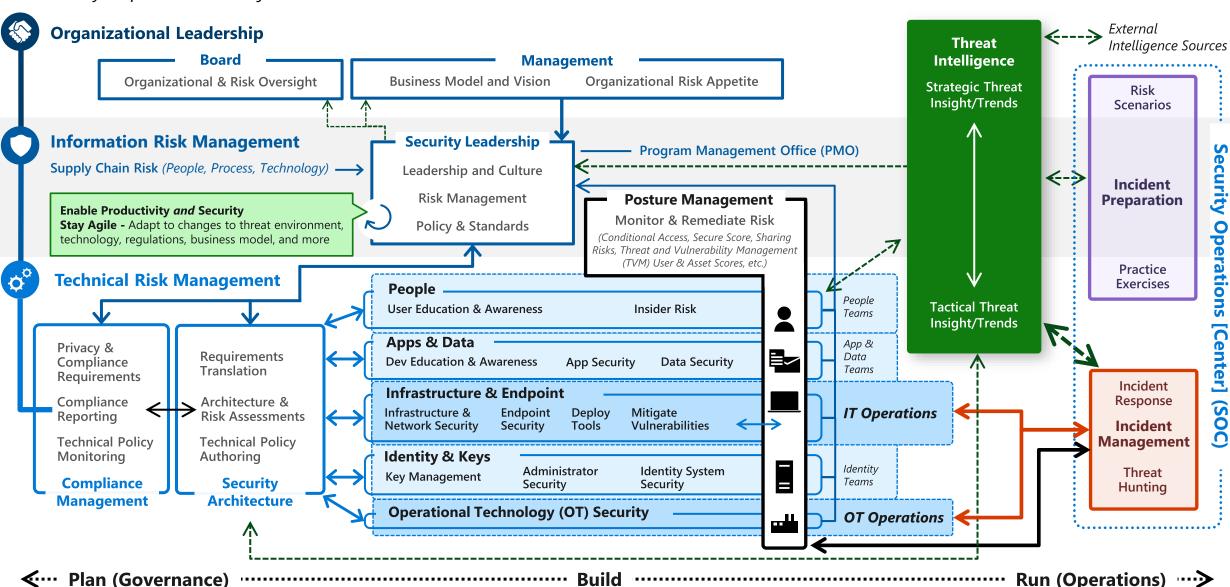
Minimize the potential for lateral movement and privilege escalation should an attacker gain an entry point.

Related capabilities

- Internal process/access management
- Data backup and business continuity

Managing Information\Cyber Risk

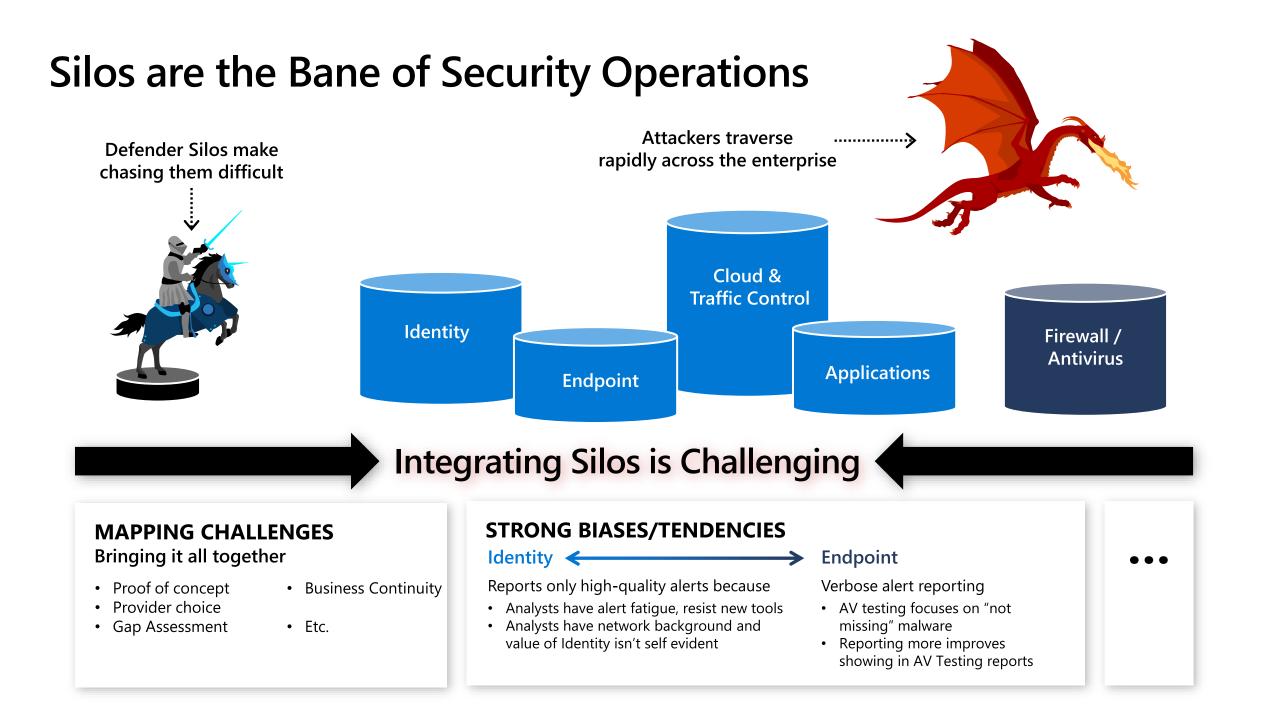
Security responsibilities or "jobs to be done"

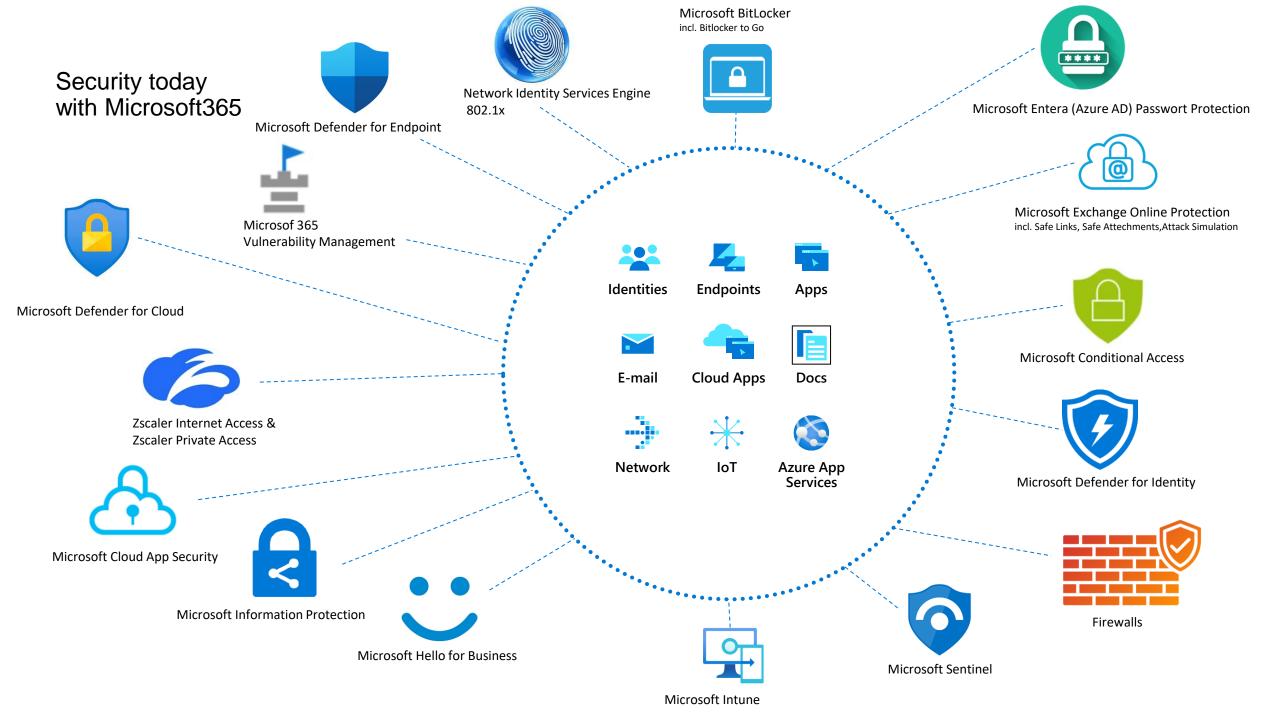


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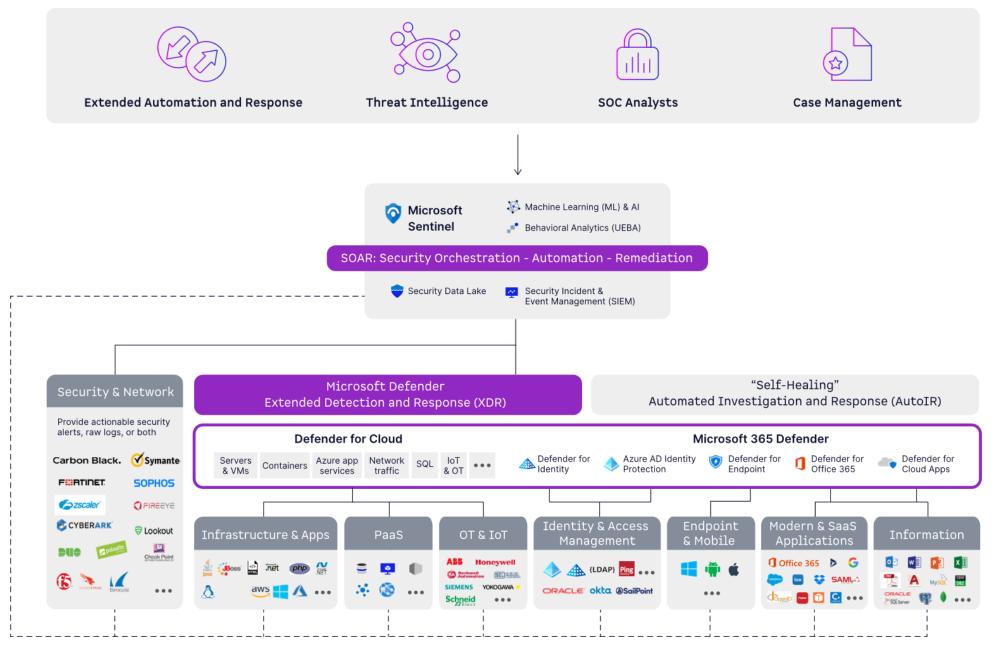
https://aka.ms/SecurityRoles

Microsoft

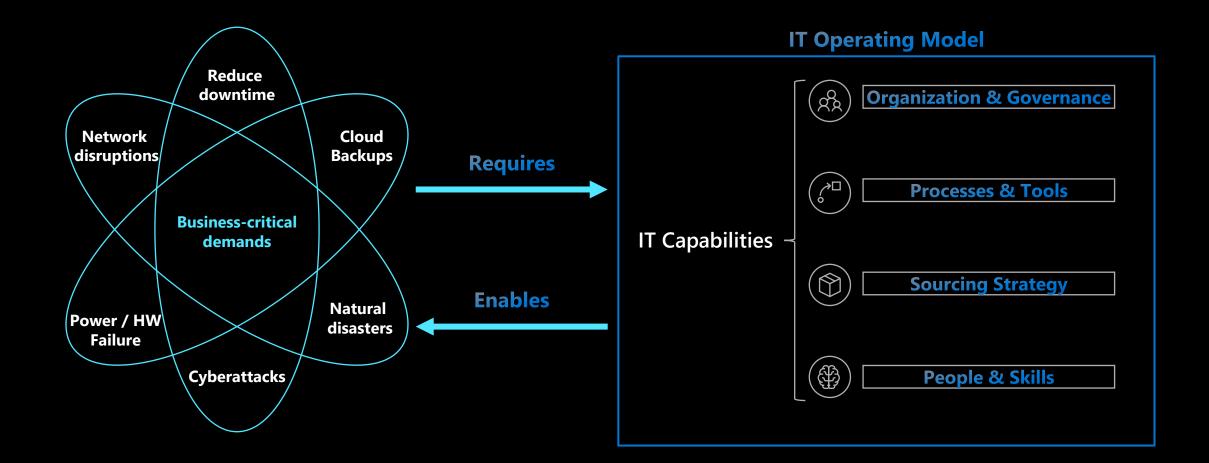


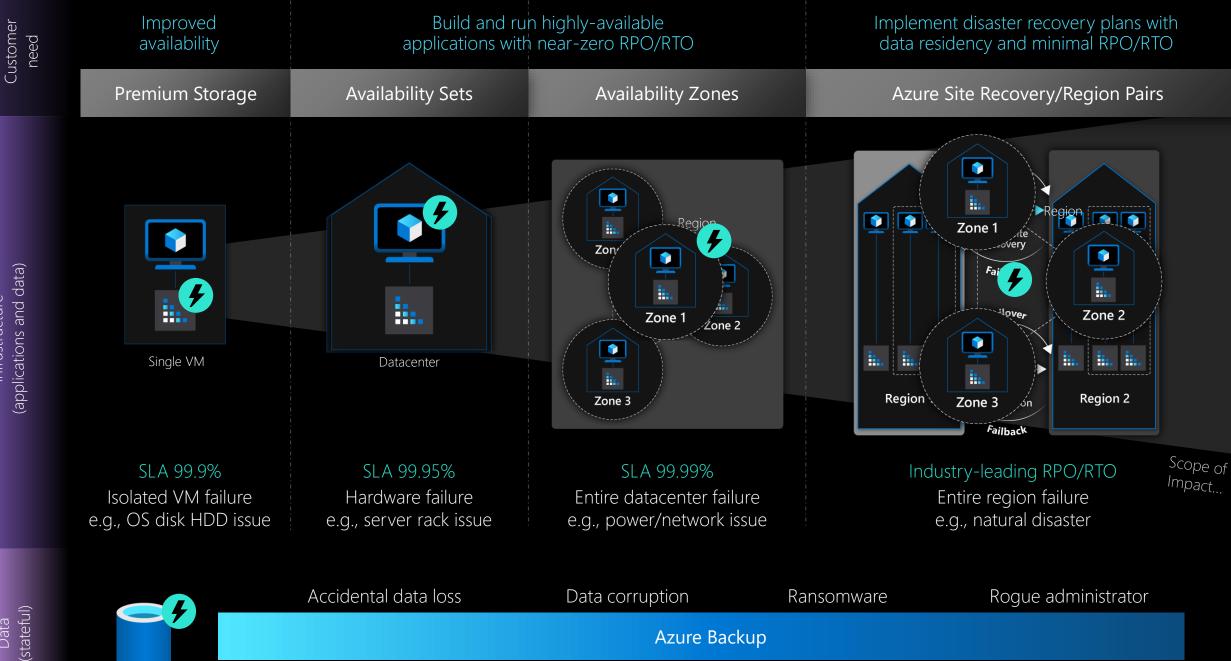


Service Architecture



Business critical demands



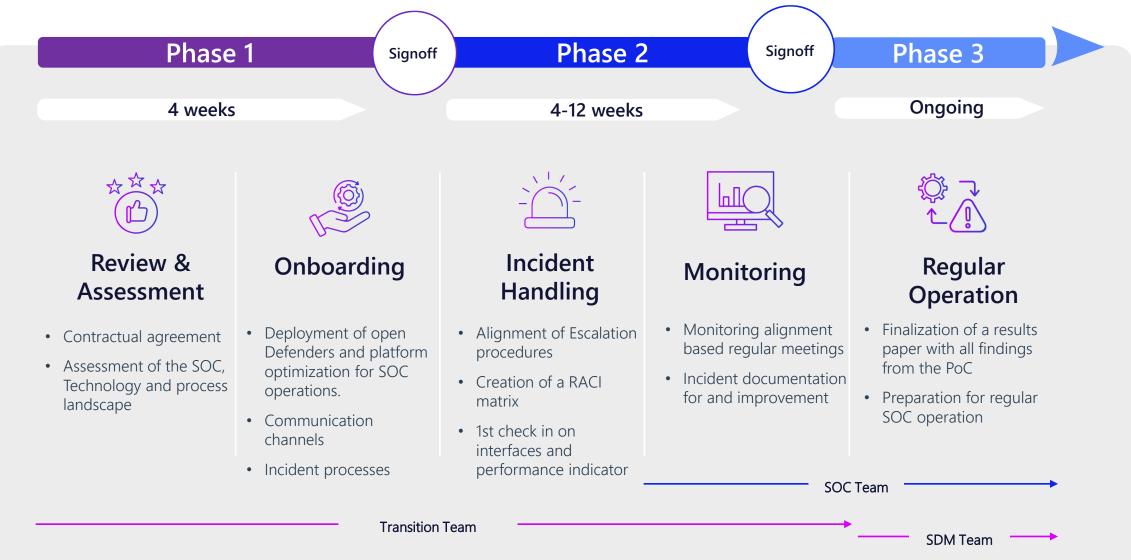


Go back to restore a healthy version of the data

Data

(applications and data) Infrastructure

Managed SOC Implementation



Today's choices echo in tomorrows resilience

Do's	Dont's
Top down approachOpen communication	- Operating in silos
- Outsource if bottlenecks exist	 Ignoring risks due to lacking knowledge and resources
 Keep your playbooks, guidance and plans up- to-date and accessible 	- Underestimate the importance of centralized documentation and planning
- Conduct tests and table top exercises	- Unclarified roles
- Define the bigger picture and go for it	- Working on small details without an overall goal

Session Feedback

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