Microsoft 365 Security Assessment Essentials

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Global shift to
remote everything

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The way we worked: A snapshot of the Past

Physical proximity and security

The new normal | work from anywhere

When Employees working from home and remotely, both on corporate and personal devices Increased security risks.

74% Companies intend to shift some employees to remote work permanently

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SMBs are vulnerable to cyberattacks

"Someone was fooled by the email from the CEO and used his Corp card to send the iTunes gift cards. We lost about $5,000."
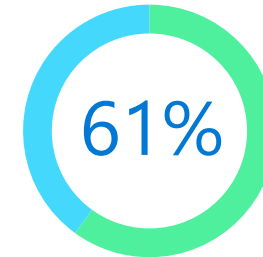
— SMB customer • 150 employees

50%
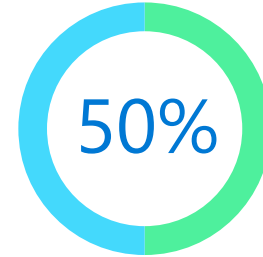
50% of small businesses have experienced an attack in the past year [1]

"The only reason we caught it was that it was a 6-digit sales order and our sales orders are a 7 digit."

— SMB customer • 250 employees

61%

of small businesses that experienced a recent cyberattack were not able to operate.[2]

"They got someone's password, and sent an email to our CFO, who sent the $40,000 wire transfer."

— SMB customer • 150 employees

$108K

average cost of a SMB data breach.[3]

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Microsoft 365 Security Assessment Essentials

An executive assessment into essential security capabilities, map against normal/high risk scenario and security hygiene.

This assessment is for all companies, small or big and independent of industry that need to review and secure Microsoft 365 in the best way to prepare for the next step in the security journey.

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Essential security enablement checklist

☑ General security enabled
☑ Identity protection
☑ Email protection
☑ Information governance
☑ Teams' security
☑ Device management
☑ Remote access security
☑ Secure score governance

Normal risk vs High risk

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Check your Secure Score

The problem:

You want to improve your customer's security, but don't know where to start
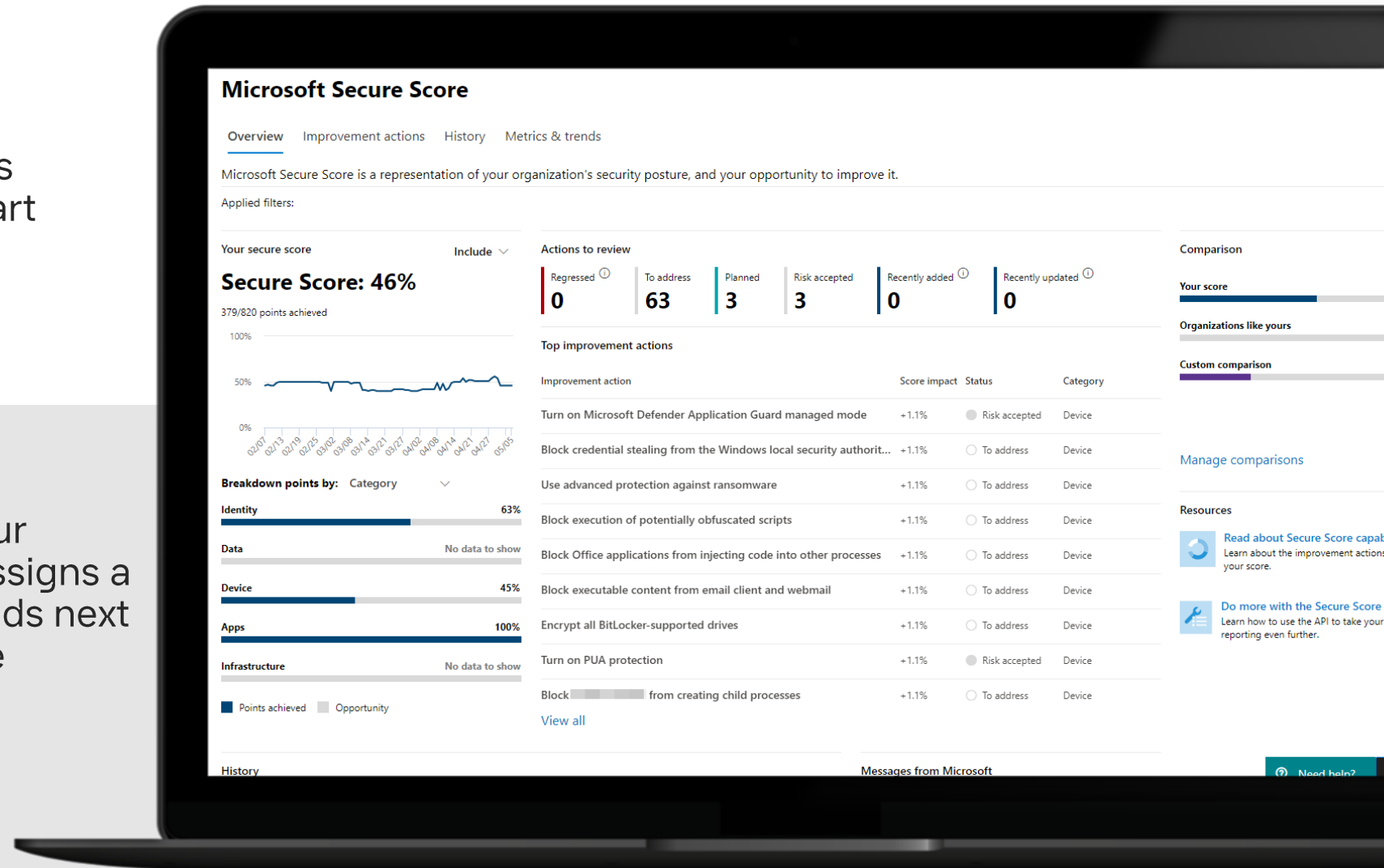
The solution:

Check Microsoft Secure Score

What it is:

Microsoft Secure Score analyzes your Microsoft 365 overall security and assigns a score. Secure Score also recommends next steps to consider in order to improve security.
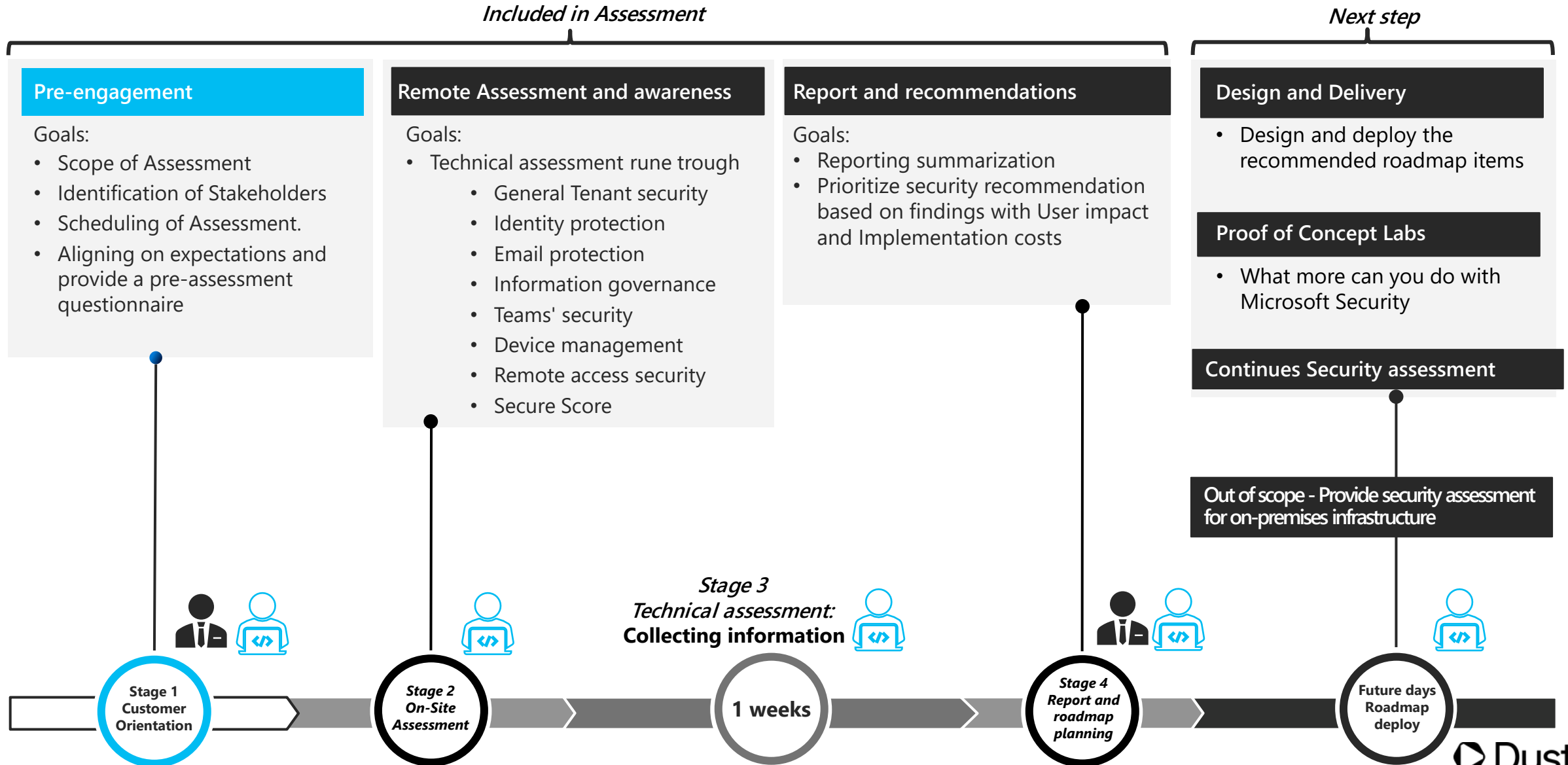
How to access:

http://securescore.microsoft.com

Microsoft 365 Security Assessment Essentials

Cloud Security Expert

Security Specialist

Included in Assessment

Next step

Pre-engagement

Goals:
- Scope of Assessment
- Identification of Stakeholders
- Scheduling of Assessment.
- Aligning on expectations and provide a pre-assessment questionnaire

Remote Assessment and awareness

Goals:
- Technical assessment rune trough
  - General Tenant security
  - Identity protection
  - Email protection
  - Information governance
  - Teams' security
  - Device management
  - Remote access security
  - Secure Score

Report and recommendations

Goals:
- Reporting summarization
- Prioritize security recommendation based on findings with User impact and Implementation costs

Design and Delivery
- Design and deploy the recommended roadmap items

Proof of Concept Labs
- What more can you do with Microsoft Security

Continues Security assessment

Out of scope - Provide security assessment for on-premises infrastructure

Stage 3
Technical assessment:
Collecting information

Stage 1 Customer Orientation

Stage 2 On-Site Assessment

1 weeks

Stage 4 Report and roadmap planning

Future days Roadmap deploy

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Key Recommendations

- Low user impact
- Low implementation cost

Quick Wins

Quick Wins 0-3 months

Enable MFA for all global admins

Set strong outbound spam policy

Review signs-ins after multiple failures report weekly

Enable audit data recording

Review signs-ins from multiple geographies report weekly

Enable Information Rights Management (IRM) services

- Low user impact
- Moderate implementation cost

3-6 Months

Enable Cloud App Security

- Moderate user impact
- Low and moderate implementation cost

6 Months and Beyond

Enable MFA for all users

Enable Advanced Threat Protection safe attachments policy

Enable Advanced Threat Protection safe links policy

Do not allow anonymous calendar sharing

Enable mobile device management services

Enable Data Loss Prevention policies

SPO Sites have classification policies

IRM protections applied to documents

IRM protections applied to email

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See you at the next meeting!

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