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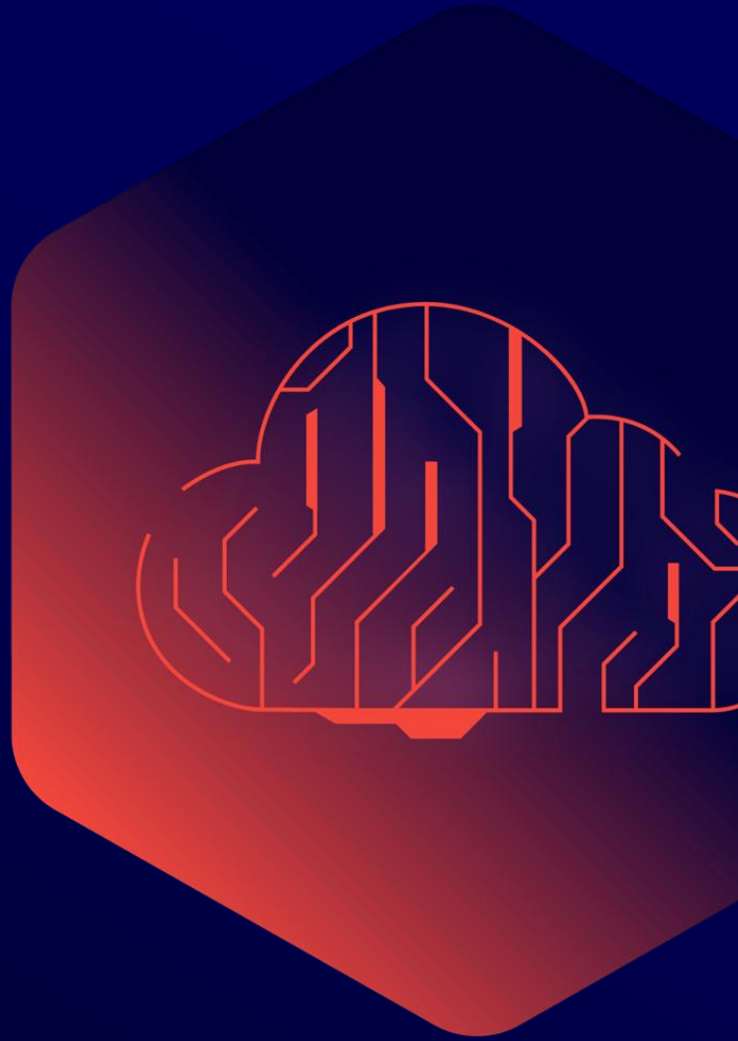
CISO SYDNEY

Just Enough –
An Effective and Economically Sound Approach to Cloud Security

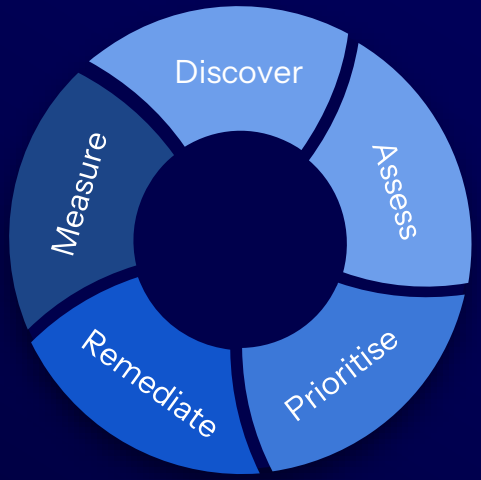


Quick level set: Tenable's role in the Security ecosystem.

NIST "Five Functions"

source:https://www.nist.gov/cyberframework/online-learning/five-functions

Tenable is the Exposure Management company.



Exposure Management

source:https://www.tenable.com/solutions/risk-based-vulnerability-management

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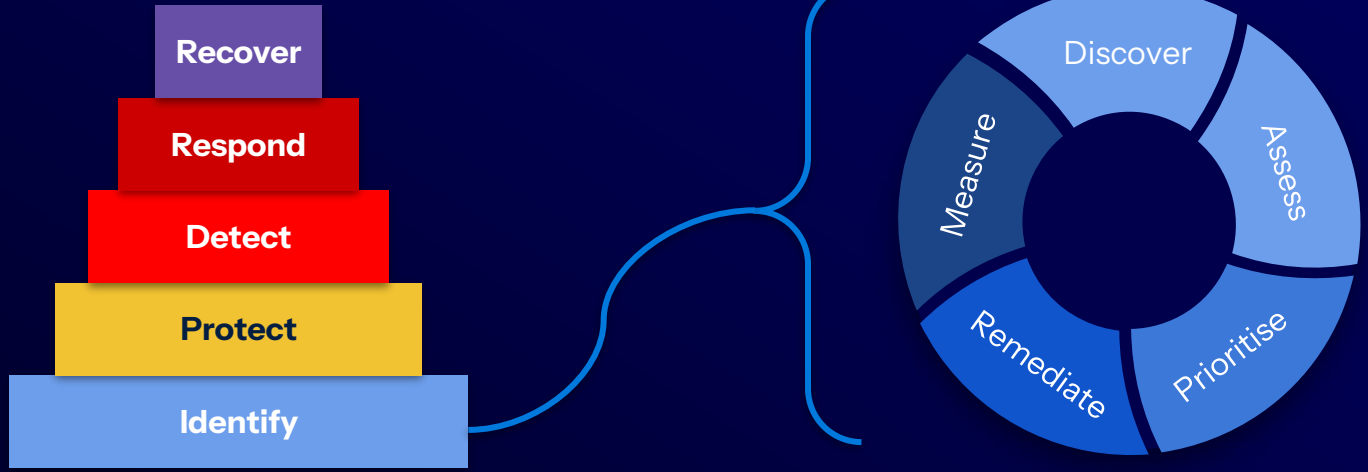

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AI

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What are you securing?

- First you have to know what you're securing in order to define what good looks like.

- What's your visibility like (through a security lens) at any one point in time?

- Inventory - boring but essential.
  (at a minimum: resources, entities, data)

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Effective and Economically Sound..?

- EFFECTIVE - does it meet your primary aims?:
  - Should be well defined by your org. - including stakeholder SLAs.
  - Metrics - dashboard - continuous, ‘any point in time’ on-demand.

- What policies..? Set a foundation (baseline).
  - Start with compliance, (as required), and ‘best practices’.
  - Don’t compromise on those for secondary or ‘nice to haves’.

- ECONOMICS - Are you over tooled and unnecessarily filling gaps with people? (financial and security risk)

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How inherently secure are your cloud environments?

- Removing risks is the most effective way to reduce total risk.
- What do these exposures look like?
- How to exposures conspire to amplify risk - and so - which ones should be prioritised?

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Housekeeping.

- Dull but essential.
  - Accounts (active/inactive). Never used…
  - Resource/asset (info) age.
  - Increase focus on high risk aspects - eg, inactive externally facing resources and larger resources (can aso be cost saving).

- NOTE: This is a collaborative effort. (initiative and ongoing communication).

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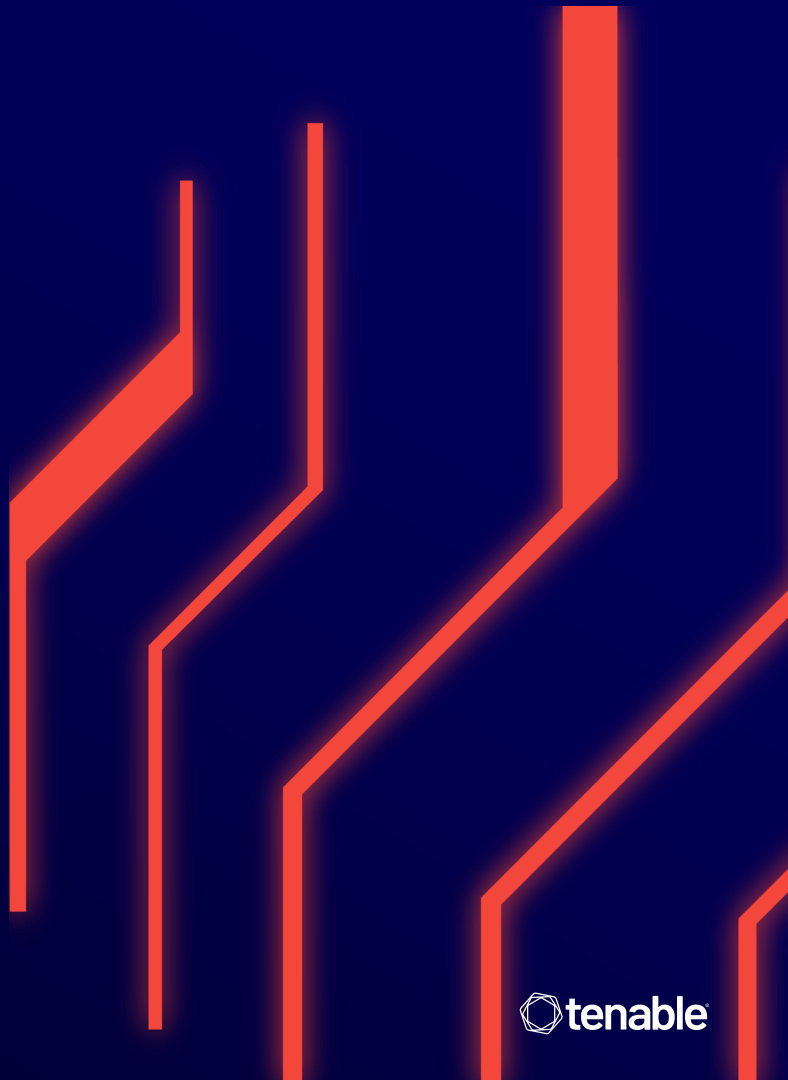
Thank You