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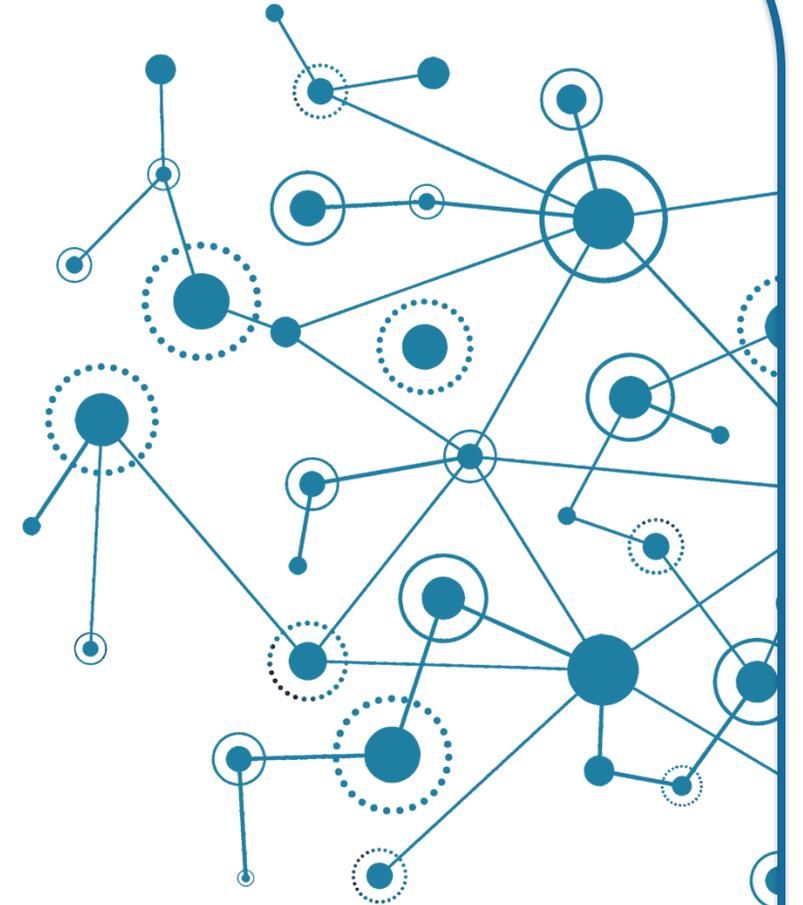
Manifest your inner Cyber Superhero

DLP and Data Exfiltration

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Agenda

- What DLP tools can (and can't) do

- Common data exfiltration gaps

- Filling in the gaps

- Where is your sensitive and private data?

- Why DLP tools alone aren't enough

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Understanding DLP Capabilities

- Functions they perform:
  - Scan for sensitive data
  - Enforce basic data movement rules
  - Integrate with mail gateways/endpoints/networks

- What they don't do:
  - Understand context/intent
  - Stop disguised/encrypted exfiltration
  - Adapt to new risks

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Common Data Exfiltration Gaps

- Where DLP tools are deployed

- Shadow IT vs. sanctioned IT

- Access to cloud systems

- Computer peripherals

- Other blind spots

- Screenshots/photos (let's be reasonable)

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Filling the Gaps in DLP

- Awareness & training

- Content filtering

- Auditing access controls and enforcement

- Tracking your data – User Behavioral Analytics

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Identifying Locations of Sensitive Data

- Working with Business Leaders

- Understanding Privacy Laws

- Review Data Duplication

- 3rd Party Services

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Data Tagging & Labeling

- Tag by value/sensitivity

- Consistent labels

- Automate with AI/ML (only after manual tagging)

- Integrate with access/sharing policies

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Final Thoughts

- There are no magic bullets

- DLP is not just a product, it is a complete program

- Train/test/evolve your process

- People/process/governance are critical

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Q&A

- Questions?

- Let's discuss your challenges and ideas

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