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The Latest on Malware and Other Digital Nasties

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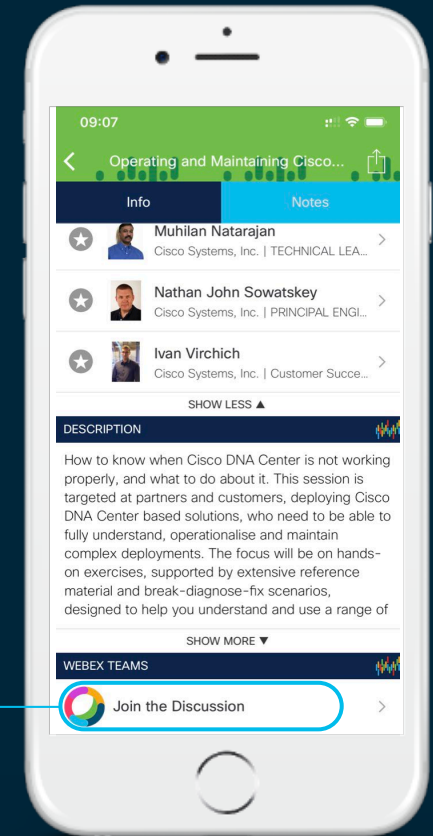
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Agenda

- Introduction
- 2019 Malware roundup
- Transformational Trends in 2020
- Effective Countermeasures in 2020
- 2020 Predictions
- Questions and Open Discussion

Introductions



Dean De Beer
Product Line CTO



Eric Hulse
Manager
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TK Keanini
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How many of you
were affected by
malware in 2019?

2019 Malware Roundup

- What happened in 2019 that we did not see in prior years?
- Top 3 evasion techniques
- Changes in volume
- Changes in malware delivery
- Malware as a Service
- Problems with Attribution
- Changes to Outcomes
 - Cryptomining, Ransomware, Wiperware, ...
- “Living off the land”

Transformational Trends

- Adversarial Machine Learning and Artificial Intelligence
- The Opacity of the Network (TLS 1.3, QUIC, etc)
- Serverless
- New Targets
 - Cars, Homes, etc

Effective Countermeasures

- Cisco Threat Response
- Architectural Strategy
- Advanced Cross-Domain Analytics

Panel's Predictions for 2020



Discussion & Questions



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