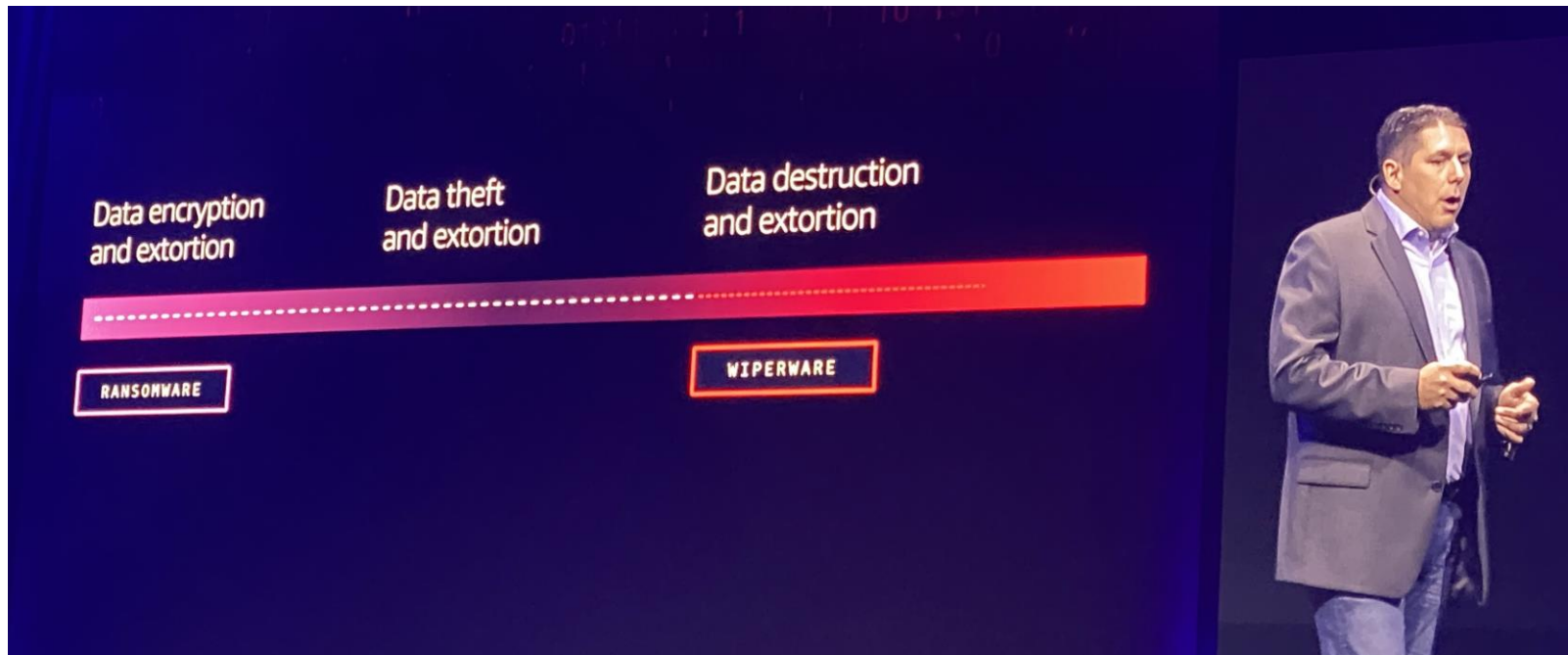


Cyber Resiliency and Systems

What You Don't Know Will Hurt You

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Cyber Threats are Only Becoming More Imminent, and Challenging to Address



Source: AWS re:Inforce 2023

Role of storage and data protection in the security stack

- Inhibit malicious tampering
- Access control
- Data integrity
- Data availability
- Data lifecycle management
- Auditing and logging

Why Flash for Cyber Resiliency?

- Faster Backups and Faster Recoveries
- Reduced Risk of Data Corruption
- Increased Scalability

Faster Backups and Faster Recoveries

What?

- Meet backup windows
- Recover faster
- Near-instantaneous data access

So What?

- Ensure (and take more) recovery points
- Reduce business downtime
- Mitigate the impact of attacks

Reduced Risk of Data Corruption

What?

- Increased durability (no moving parts)

So What?

- Less susceptible to mechanical issues and failures
- Less prone to data loss and downtime resulting from system failures

Increased Scalability

What?

- Non-mechanical architecture, high storage density and ability for parallel access result in increased scalability.

So What?

- Increased ability to store large volumes of data security logs (with an efficient hardware footprint).
- Better ability to process large amounts of log data for attack identification and forensics.