Lead Your Digital Cloud Transformation Journey with Intel & Oracle

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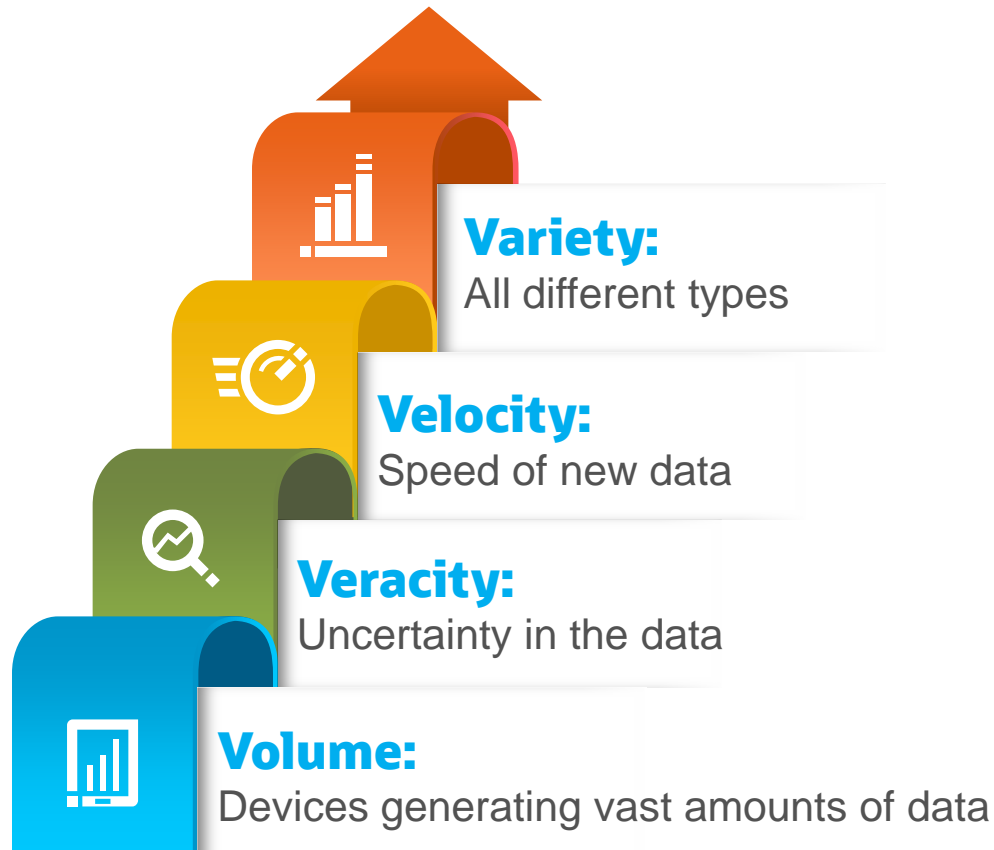
Business Development Director – JAPAC & EMEA

Team Oracle

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Imperative: Illuminate Your "Dark Data"

Variety:
All different types

Velocity:
Speed of new data

Veracity:
Uncertainty in the data

Volume:
Devices generating vast amounts of data

Only single digit %
of data is being processed
into something actionable[1]

Keeping up with data is today's challenge and opportunity

1. InformationWeek, July 17, 2019 "What's Holding Back Edge Computing for Enterprises" by Kelly Herrell

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Unleashing the Potential of Data

Autonomous Driving	5G Network	Client Connectivity	Cloud Computing	IoT	Edge Computing	AI and Analytics

Our End-to-End Product Portfolio

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3rd Gen Intel® Xeon® Scalable Processor (Ice Lake)
Optimized for an outstanding HPC and AI experience

Volume Ramp in Q1 2021

Higher memory bandwidth: 8 DDR4 channels & 3200MT/s

Better performance per core via new architecture

Faster I / O with PCIe Gen 4

Supporting exascale storage with up to 6TB memory / socket and Intel® Optane™ PMem

Security Innovations Intel® SGX & crypto acceleration

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Accelerate Insight and Innovation
Intel® Optane™ persistent memory (PMem) 200 series fill the DRAM gap

Extract more from larger datasets. Expand your memory pool in persistent memory and support near-real-time data analysis; deliver deep insights, improve operations, or create new revenue streams.

Lower overall total cost of ownership (TCO).[3] Do more with each server—increase CPU utilization, in-memory database capacity, throughput, virtual machine (VM) density, and services for users on a consolidated footprint.
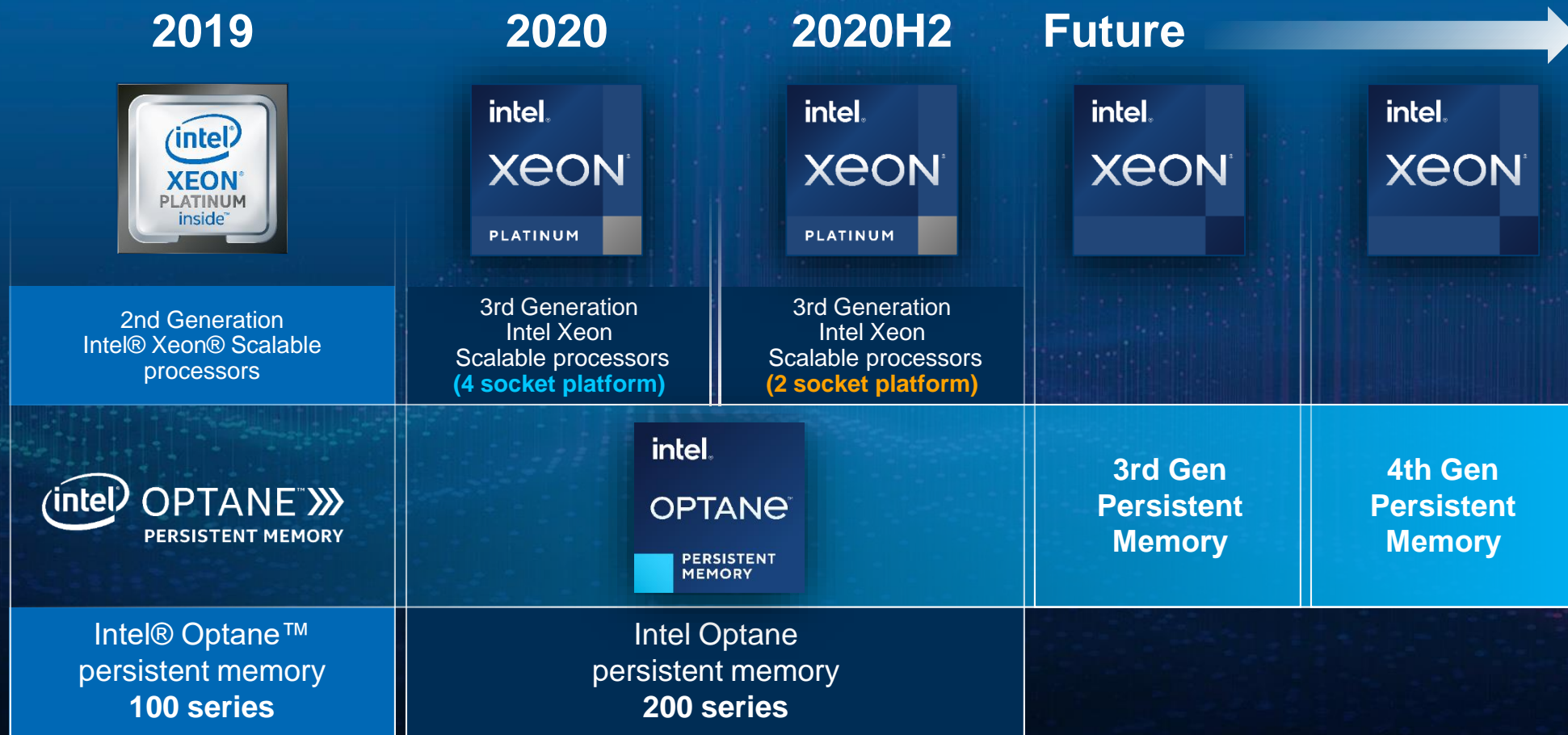
Protect data automatically. Help secure all data at rest in persistent memory with application-transparent AES-256 encryption, which enhances security without code changes.

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OPTANE™

PERSISTENT MEMORY

High performance. High capacity. Hardware-enhanced security.

[3] Supports for more than 1.2x more VMs than the previous generation. Based on testing by Intel as of April 27, 2020 (Baseline) and March 31, 2020 (New). For details, see Endnotes slides.

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Bringing the best of our partnership

Continuing the innovation..

10nm Intel Xeon Scalable Processors to Power Oracle's Next-Gen HPC Cloud

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"Our 25+ years of continuous innovation and deep co-engineering with Oracle has delivered innovative, scalable, and secure enterprise-class solutions."

····· Bob Swan, CEO, Intel

ORACLE LIVE

Featuring

Clay Magouyrk, EVP, Oracle Cloud Infrastructure

Clay Magouyrk shared how Oracle is driving infrastructure innovation, along with Intel, making the promise of cloud-base high-performance computing a reality

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