



4 Key Requirements

For Scale, Performance & Lower TCO

Digital transformation is creating new markets and services for Service Providers

Cloud Computing

Projected to Reach **\$162B** by **2020**
GROWING at More than **6x** the **RATE** of **IT SPENDING**¹

Infrastructure-as-a-Service (IaaS)

Market Worth **\$20B** in **NEXT 2 YEARS**²

Managed/Shared/Dedicated Hosting

6x BIGGER than **IaaS** by **2019**³

Platform-as-a-Service (PaaS)

ADOPTION Estimated to **GROW** from 32% in 2017 to **56%** in **2020**⁴



IT-as-a-Service

\$547B in **SPENDING** on Data Centers, Software & Services by End of **2018**⁵

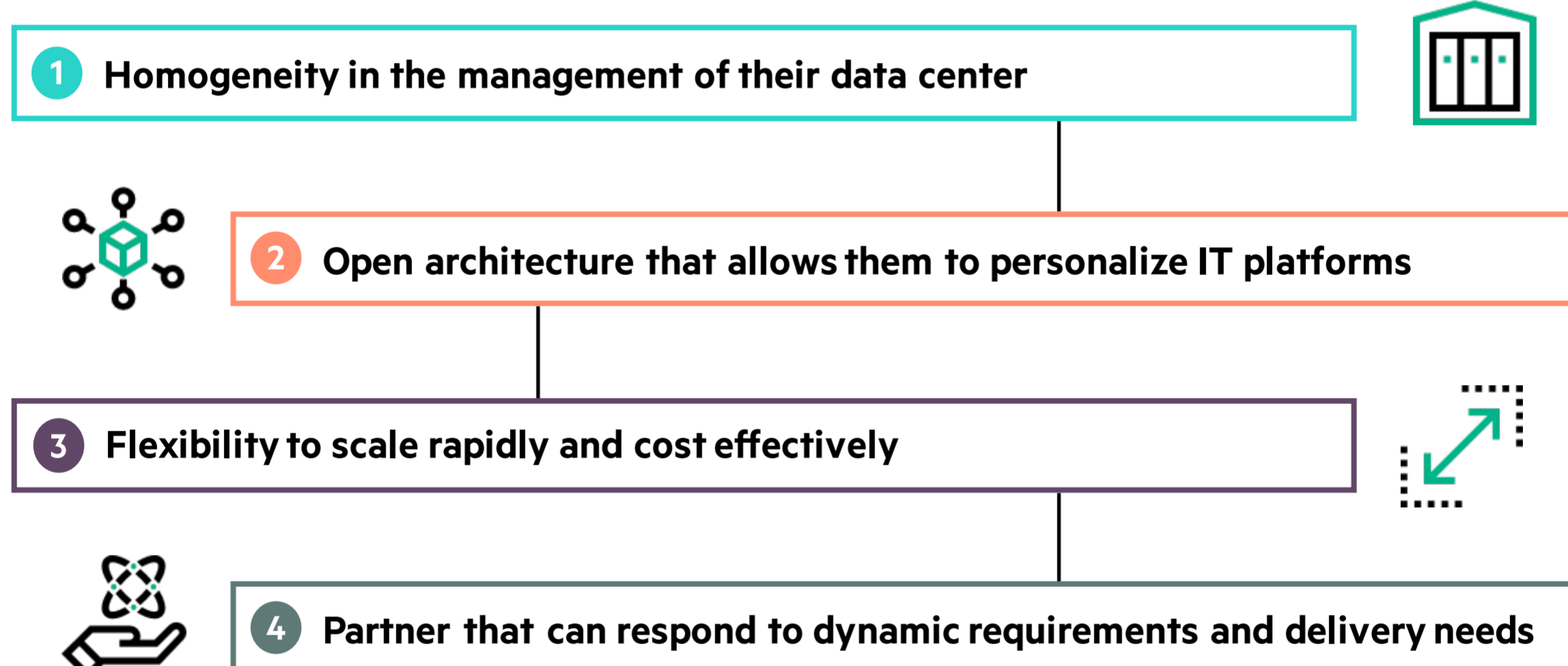
Internet of Things (IoT)

34B Devices by **2020**
Nearly **\$6T** in **SPENDING** on IoT **NEXT 4 YEARS**⁶

Service Providers are adopting new technologies to improve data center TCO

Compute	Big Data	Bulk Storage	Acceleration
Enhanced Compute CPUs Open Standards Compute Increased performance 1 CPU servers	Accelerated Data Performance Higher memory capacity Persistent memory NVMe drives and cards	Density at Lowest Cost Per Gb/Year Secure storage Fault Tolerant Multi-device access	Analytics and Graphics Acceleration Real-time analytics Fast affinity ad placement Fast graphic rendering

4 key requirements needed to enable scale, performance and lower TCO



HPE provides customers the ability to personalize their unique business needs and support requirements and data center evolution

Count on HPE for reliability, cost-focused infrastructure to help reduce costs while improving operational agility and scalability

Backed by deep expertise, pay-as-you-grow financing, state-of-the-art technology, and direct supplier engagement with support services tailored for Service Providers, HPE is partner-ready.

Want to learn more?

[Download the white paper](#)

Sources:

- ¹ IDC Worldwide Public Cloud Computing 2016
- ² 451 Research Market Monitor, Cloud Computing 2016
- ³ 451 Research Market Monitor, Cloud Computing 2016
- ⁴ KPMG Journey to the Cloud, The Creative CIO Agenda 2016
- ⁵ Deloitte IT-as-a-Service Forecast 2016
- ⁶ BI Intelligence The Internet of Things Ecosystem 2016



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