



## An analogy: TS Support in the world of vehicles

Warranty "Do IT Yourself"



- Replacement of parts
- Most parts mandate customer self-repair
- May have varying coverage and lengths of service
- Included in productsnever leave the product uncovered!

Foundation Care "Fix IT"



- A reliable breakdown service when things go wrong
- Electronic diagnosis
- Reactive support- the minimum you must attach!

Proactive Care "Keep IT Running"



- Regular servicing, monitoring and preventive diagnostics to prevent interruptions and keep you running
- Fix it faster, if broken
- Combines reactive & proactive supportrecommended service!

Proactive Care Advanced & Proactive Select "Help me get there"



- Chief technician helps you plan & review your schedule as well as prioritize your road trip checklist
- Reactive & proactive support + Account Support Manager- for complex environment!

Protecting the car

Protecting your mobility



## What is warranty really?

- Best Effort, next business day
  - No HPE Service Level commitment to bring HW up and running
- Software does not have warranty
  - Only media replacement.
- Warranty is NOT 24x7
  - Phone support 9x5 weekdays, no holidays/weekends
  - Customer places support call on Friday before 5, HPE response on Monday
- No HPE engineer onsite for Customer self repair parts\*
  - Support services ensures HPE Certified Engineer on site with spare parts and knowledge to troubleshoot situation and install spares (onsite visit done per OEM request)

#### No local parts

- Rely on air/freight, no dedicated parts stocking at local depot
- How to read it
  - 1-1-0, 3-3-3, 3-1-1 means Parts Labor Onsite
  - So 1-1-1 is
    - 1 year parts warranty
  - 1 year labor warranty
  - 0 year onsite warranty (exchange service no engineer onsite)

#### Limited Warranty Period

- Memory, hard disks, adapters, cables, accessories will often have 1 year parts warranty
- Support services ensures all parts are under the same coverage period
- → Only if part is defect, no trouble shooting (e.g. configuration/firmware compatibility issues....)

\* depends on warranty terms



## **Technology Services with our partners**

# We lead the solution journey



Help customers start, accelerate adoption; deliver a seamless ownership experience

# We create customers for life



Deliver a customer service experience better than our competitors

## We simplify & innovate



We bring our experience and apply HPE innovation to simplify complex environments

## We invest & modernize



Build flexibility and profitability into our structure to facilitate mutual business growth



#### **HPE's Full Suite of Services drive Transformation...**

Advisory Workshops

Deep Solution Coverage

Proven Methodologies

Proactive Connected

Infrastructure Automation

Variable Consumption Models



- Interactive
- In days, not weeks



- Regional CoE
- Maturity Models



- Regional CoE
- Global Methodology



- Personalized
- Multi-Vendor



- High Velocity IT
- Drives DevOps



- On-premise
- Pay-per-use\*

#### **Optimize your delivery investments**

You deliver<sup>1</sup> | We deliver on your behalf

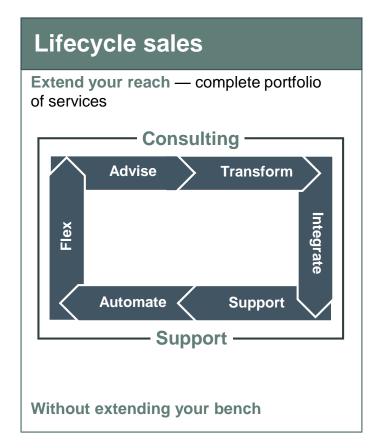
<sup>1</sup>Select services

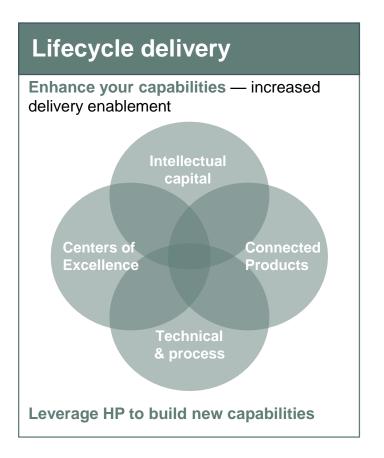
\*Subject to reasonable minimums



#### **Accelerate to the New Style of Business**



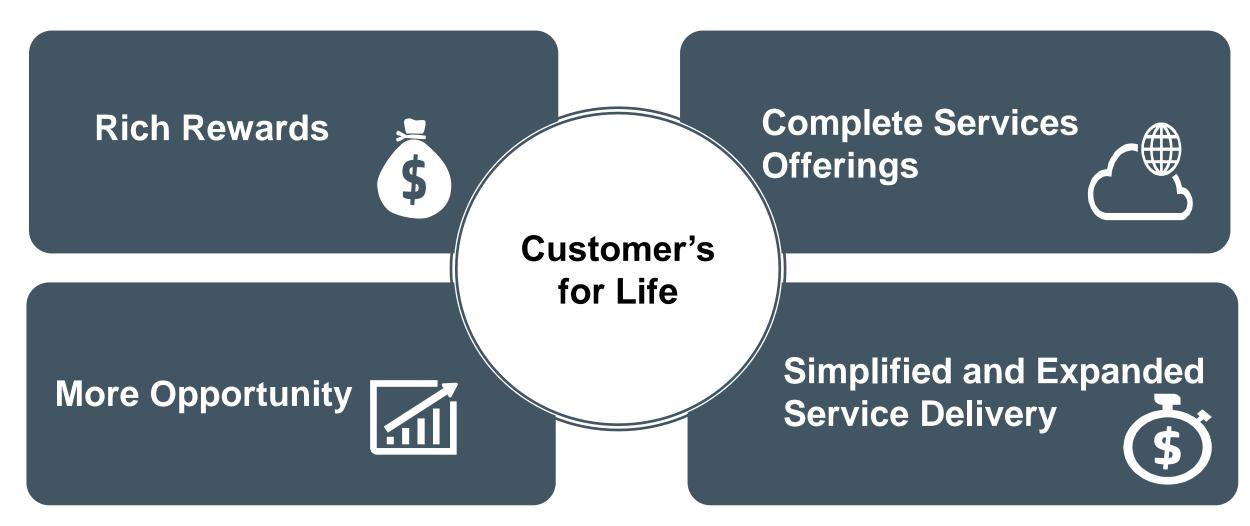




Sell end-to-end solutions and earn more by combining your services and HPE Services



## **Partner Ready Services**





## **Gold and Silver Services Specialist**

BENEFITS	GOLD	SILVER
Specialist Base (Rebate)	\$\$	\$
Accelerators (Rebate)		
Upfront Benefits	\$\$	\$
MDF	✓	✓
Special Pricing	✓	✓
NBO	✓	
Promotions	✓	✓
РВМ	✓	✓
Insignia & Certificates	✓	✓
Partner Locator	O	✓
Demo Equipment		
СМZ	✓	✓

#### **EXTRAS**

Additional revenue opportunity with HPE Partner Ready Services Delivery Enablement Program is available, including:

- Access to HPE delivery compensation
- Delivery of HPE Support Services
- Preferential access to HPE intellectual property
- Priority access to HPE technical support
- · Access to training and certification for the appropriate service qualifications
- Support of an HPE Partner Service Delivery Manager

CRITERIA	GOLD	SILVER		
Partner Agreement	✓	✓		
Revenue Threshold	\$\$	\$		
Business Plan	✓			
Knowledge Credits		Please refer to the FY16 Partner Ready certification and learning criteria guide		
Total Sales Certified Individuals	For full criteria requirements please refer to the Extras			
Total Technical Certified Individuals	For full criteria requirements please refer to the Extras			

**Qualifications are based on EG TOP** EG TOP captures past performance, assesses potential to grow, and helps determine eligibility for rewards payments refer to the Services Delivery Operations Guides

#### **EXTRAS**

Prerequisite Silver: minimum 1 EG Silver or Gold Specialist status

- Prerequisite Gold: minimum 1 EG Gold Specialist status
- Optional delivery accreditation: minimum EG TOP and specific quality and quantity standards

## **Knowledge Credits**



Recognition of ongoing product trainings for Partner Ready benefits



Flexibility to align to Partner's business priorities



Selection of global and regional product trainings



Simple and predictable

- Eligible offerings are current, flexible and include
  - NPI trainings
  - TS Events and seminars
  - Webinars, Tek Talks
  - Face to Face training sessions ½ day or 1 day
- Completion of an offering yields credits
- Minimum Knowledge Credit requirement for each Partner Ready Specialization
- Progress tracked via Partner Learning Management Tool
- Appropriate for all customer facing professionals holding an eligible certification
- Credits to be accumulated between Nov 1, 2015 and August 31, 2016



#### Partner Ready Services Criteria

#### **Sales Criteria**

#### Gold

- 1. EG TOP > 1.30
- 2. Hold minimum1 at Gold level
  - Gold Server Specialist
  - Gold Storage Specialist
  - Gold Networking Specialist
- 3. 150 Services Knowledge Credits

#### Silver

- 1. EG TOP > 0.80
- 2. Hold min1 at Silver/Gold level
  - Server Specialist
  - Storage Specialist
  - Networking Specialist
- 3. 60 Services Knowledge Credits

#### **Delivery Authorization Criteria**

In addition to meeting Sales Criteria above

To be considered eligible for delivery on Gold Delivery Segments:

EG TOP > 1.30

To be considered eligible for delivery on Silver Delivery Segments:

EG TOP > 1.00

Initial requirement: All new delivery partners are required to pass a Delivery Capability Assessment

Within the yearly membership period, Delivery partners should meet or exceed the delivery performance criteria defined in the relevant Delivery Operations Guide

## EG TOP measurement definition

EG TOP is a measure of a partner's service sales performance relative to the country market average.

Country baseline penetration rates are set each year using the last 12 months average country penetration rate for 5 product groupings covering servers, storage and networking.

The partner's EG TOP measurement compares his last 12 months services versus hardware sales normalized by the country baseline penetration rates

EG TOP = 1.00 is the country market average

## H1 FY16 Services fixed% Compensation Scheme Summary

Specialisation	EG TOP < 1.0	1.0=< EGTOP < 1.3	EG TOP >= 1.3	EG TOP >= 1.6
Platinum Converged Infrastructure Specialist			4.00%	6.00%
Gold Services Specialist	1.00%	2.00%		4.00%
Silver Services Specialist			2.	00%

**Product Lines** 

7G, 96, 72, JN, K3, R8, UW, 6W, 1Z, 4J, G4, 60,EA, 6C,9Y,9X

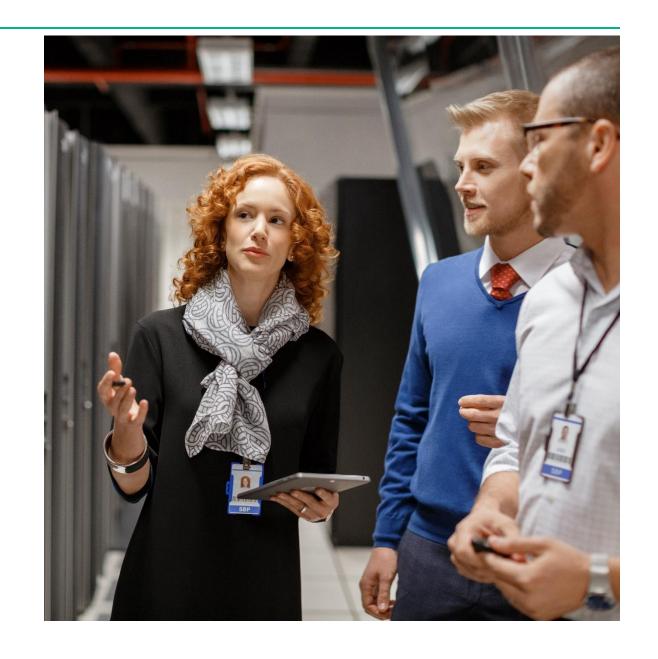
Note: PfR for packaged support services



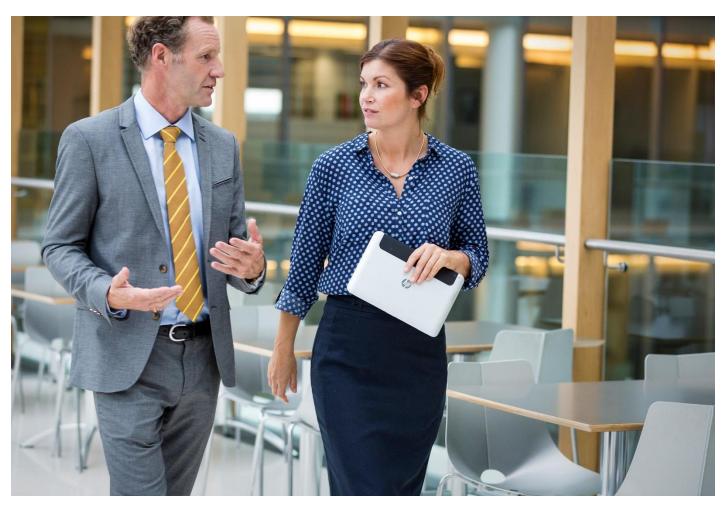
# Delivery Partner Benefits for Silver and Gold Services Specialists

Additional revenue opportunity with HPE Partner Ready Services Delivery Enablement Program is available, including:

- Access to HPE delivery compensation
- Delivery of support services
- Preferential access to HPE intellectual property
- Priority access to HPE technical support
- Access to training and certification for the appropriate service qualifications
- Support of an HPE Partner Service Delivery Manager



#### Resources



- HPE Partner Ready Portal
  - partner.hpe.com
- HPE Certification & Learning
  - www.mylearninghpe.com

## Emerging Markets Partners@Work 2016

11 March 2016

Osama AlHaj-Issa

**Channel Director, ME&T** 



## Agenda

- Aruba HPE Overview
- Aruba Solutions
- GTM and Channel strategy
- Distribution land scape



## **Indirect EMEA FY16 key priorities**

New Style of Business



Lead the channel transition to a New style of business by being their partner of choice for transformation areas solutions, disruptive innovation and new consumption models.

**Enabling channel growth** 



Significantly increase our lead in TPE and NPS by increasing our score in **special pricing** process, **deal registration** and **rules of engagement**. Integrate **Aruba** into Partner Ready. Prepare for **Pay at Net**.

Grow with Service Providers



Grow our SP SOB by delivering the right mix of share of wallet gains and new account wins, by significantly increasing our co-selling revenues and by leading with the SP Ready Solutions and the full EG portfolio.

Accelerate our SMB business



Accelerate our SMB business by improving our **distribution led** channel business, by building a dedicated **SMB Go-to-Partners** channel and by excelling at **integrated sales campaigns**.

Transform with Alliance Partners

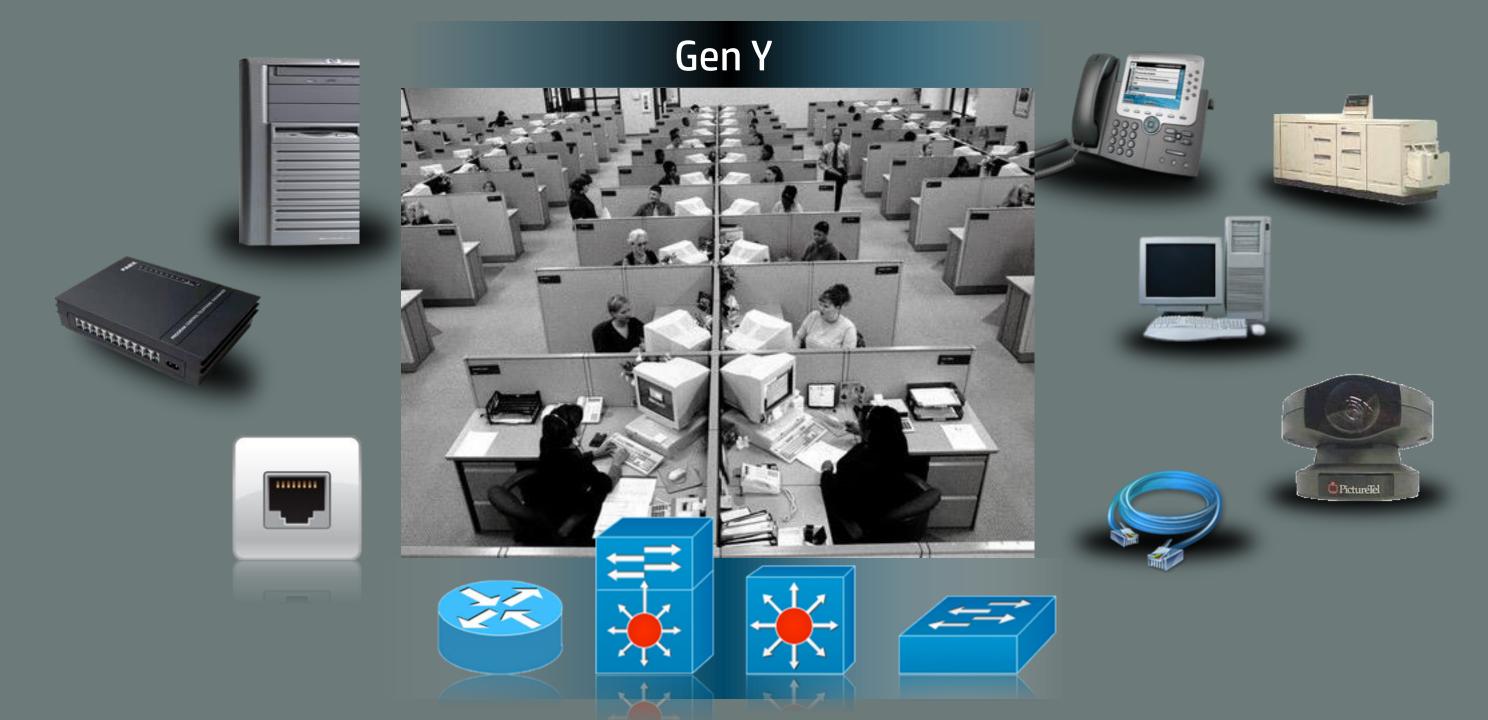


Help our enterprise customers transform to the New Style of Business by having a **JGTM** around the 4 transformation areas with our Alliances partners and by building the Alliance ecosystem for the NSOB.

## THE RISE OF GENMOBILE

2005 2013

## "OLD STYLE" IT INFRASTRUCTURE



## "NEW STYLE" IT INFRASTRUCTURE

## GenMobile







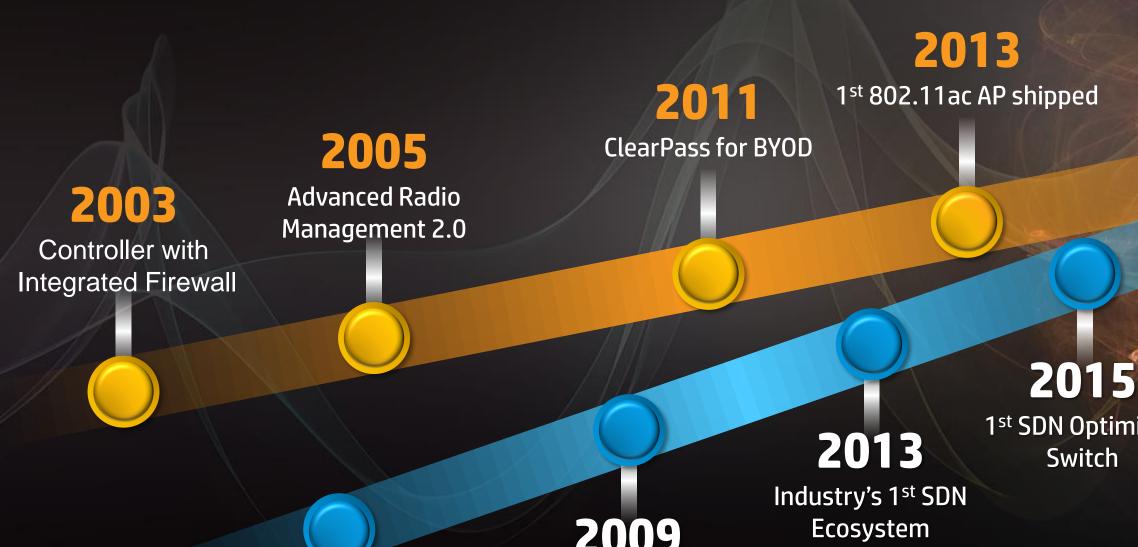








## THE RIGHT TIME TO DISRUPT





A Multi-Billion **Dollar Startup** is Born!

2008

12500 first enterprise core chassis w/ CLOS/VoQ

2009

IRF multi-device fabric technology

1st SDN Optimized Switch

## **CLOUD FIRST**

## **MOBILE FIRST**

## HPE Aruba

# OUR DIFFERENTIATION AGILE APPLICATION DELIVERY FROM DATA CENTER TO MOBILE EDGE

Agile Data Center Digital Workplace Adaptive Trust Mobile Engagement



# PRODUCT PORTFOLIO FROM EDGE TO DATA CENTER

# Software Management, policy & location-based services











# INNOVATION LEADER IN CAMPUS NETWORKS

"Clients globally should consider HP Aruba for all wired / WLAN access layer opportunities."

Gartner MQ for Wired and Wireless LAN Access Infrastructure, August 2015

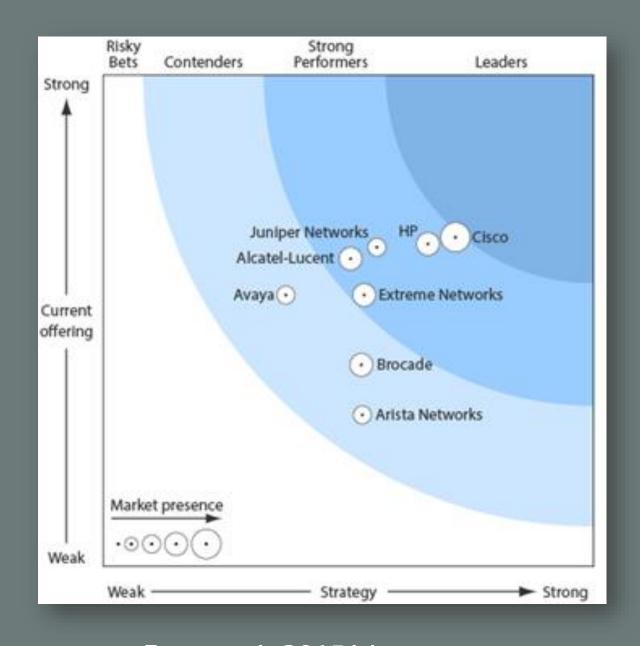
Source: Gartner Magic Quadrant for the Wired and Wireless LAN Access Infrastructure September 2015. Tim Zimmerman, Bill Menezes, Andrew Lerner, ID Number: G00277052 This Magic Quadrant graphic was published by Gartner Inc. as part of a larger research note and should be evaluated in the context of the entire report. The Gartner report is available upon request from HP. The Magic Quadrant is a graphical representation of a marketplace at and for a specific time period. It depicts Gartner's analysis of how certain vendors measure against criteria for that marketplace, as defined by Gartner. Gartner does not endorse any vendor, product or service depicted in the Magic Quadrant, and does not advise technology users to select only those vendors placed in the "Leaders" quadrant. The Magic Quadrant is intended solely as a research tool, and is not meant to be a specific guide to action. Gartner disclaims all warranties, express or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

# 2015 CRITICAL CAPABILITIES FOR WIRED AND WIRELESS LAN ACCESS INFRASTRUCTURE

Enterprise Unified Wired and WLAN Access	Enterprise Wireless-Only Connectivity	SMB and/or Small or Remote Branch Office	Voice Over WLAN	laaS or Managed Service	Enterprise Wired- Only Connectivity
HPE Aruba	HPE Aruba	HPE Aruba	HPE Aruba	HPE Aruba	Cisco
4.14	4.11	4.12	4.10	4.14	4.24
Cisco	Cisco	Cisco	Cisco	Cisco	HPE Aruba
4.14	4.06	4.11	4.05	4.11	4.15
Avaya	Aerohive	Avaya	Aerohive	Aerohive	Juniper
3.64	3.82	3.62	3.81	3.63	3.91
Extreme	Avaya	Extreme	Avaya	Avaya	Brocade
3.63	3.55	3.61	3.53	3.61	3.74

Gartner.

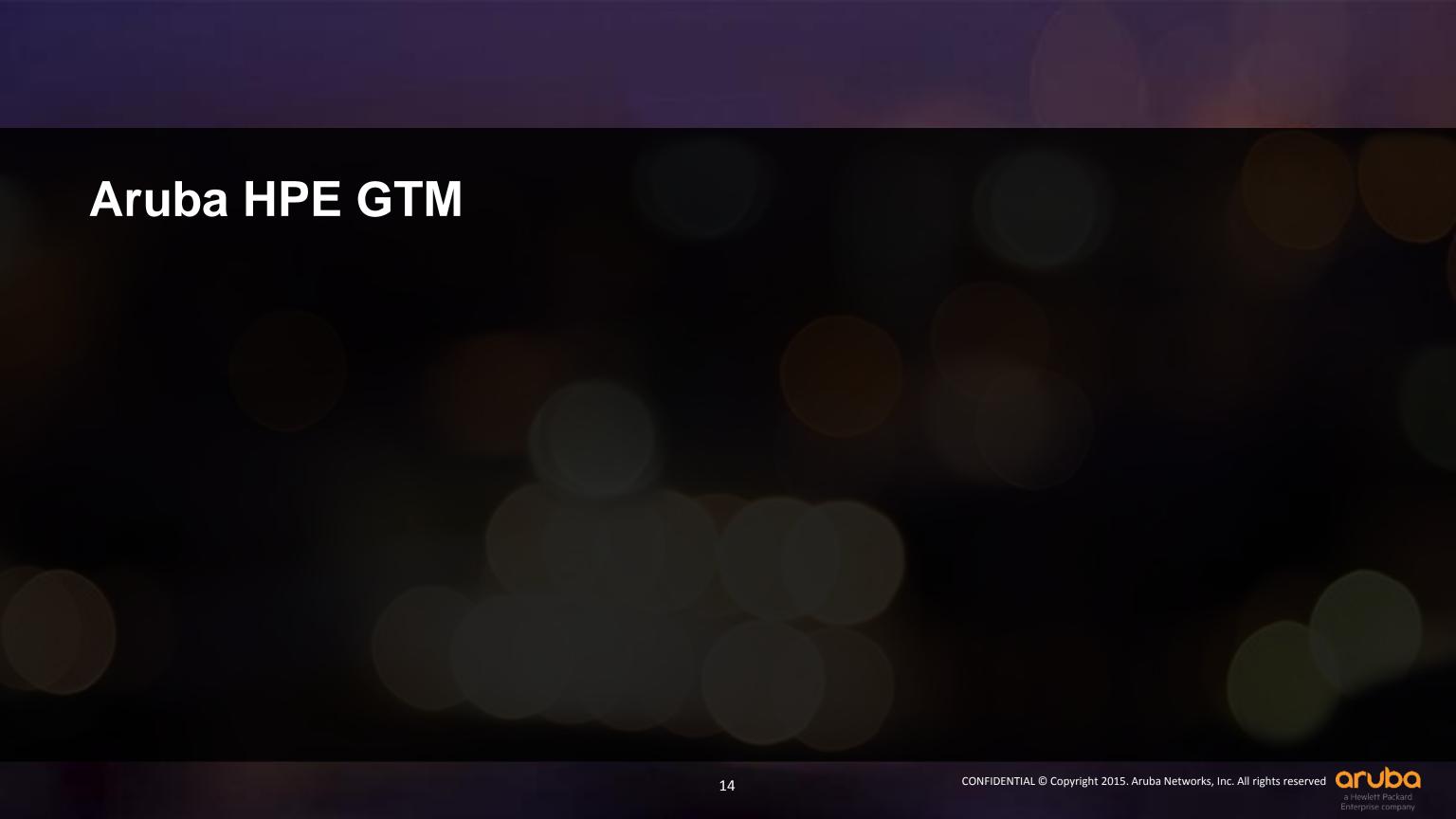
## **CLOSE SECOND IN DATA CENTER NETWORKING**





Forrester's 2015 Wave report

Gartner's 2015 Magic Quadrant report



## **Aruba Channel Strategy FY16**

## WLAN Expertise, Sales, Investment



#### **Grow & Protect**

· Our existing partner base that lead with either WLAN or Switching

#### **Develop Cross-sell & Specialization**

 Full portfolio go-to partners selling Mobility first & Campus Networking transformation

#### **Expand & Grow**

Expand the volume of SMB transactions
 & attach rate of WLAN & Switches



## **Aruba GTM Focus and Coverage**







# **Aruba HPE Distribution Landscpae**

## Distribution Landscape Naturalization process

Select best Aruba and HPN VADs

Growth Countries 3 VADs

Developing and Emerging Countries 2 VADs

Thresholds:

- Platinum Certification
- Dedicated Resources including SMB
- Must meet minimum Revenue in both Aruba and HPN
- Marketing Investments







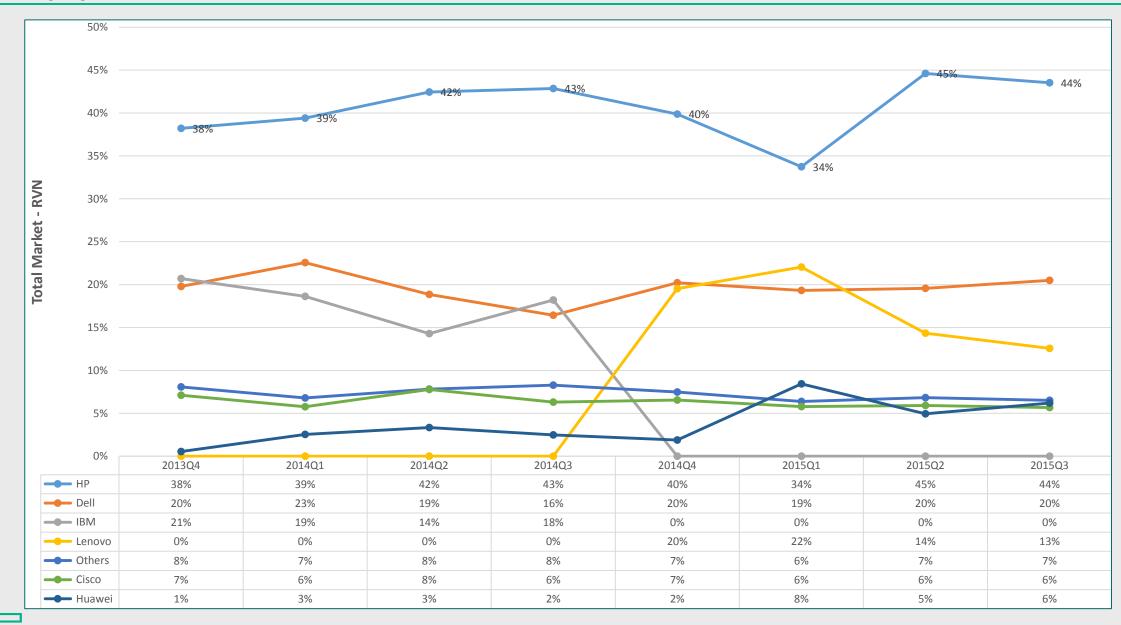
## The Past General Purpose Compute – A glorious One

## We are our **Customer's Compute Champion**





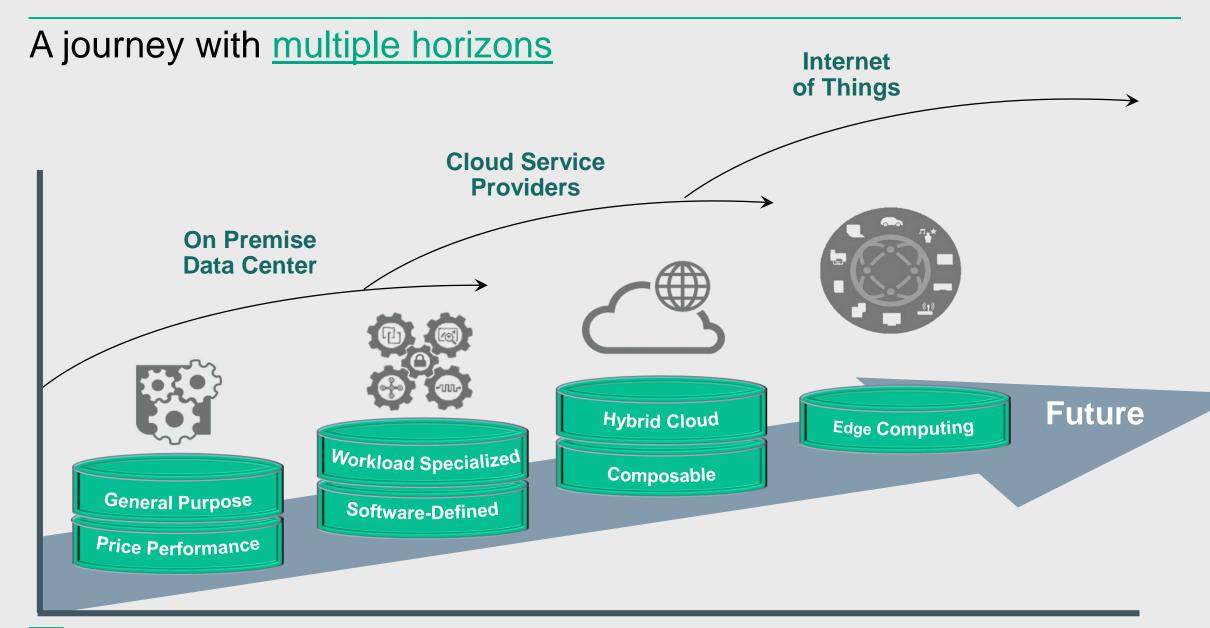
#### Emerging Market - Total X86 Server Market, CQ3'15 Market Share - Revenue



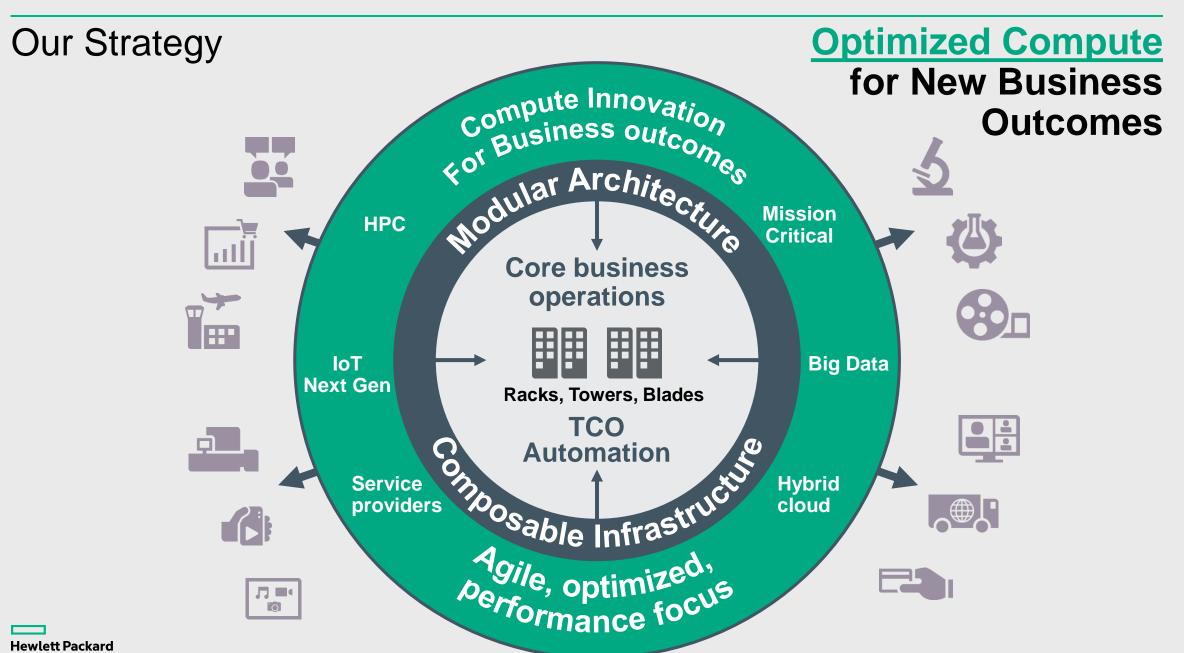
# The Present HPE Servers Strategy

## The Compute market is changing profoundly

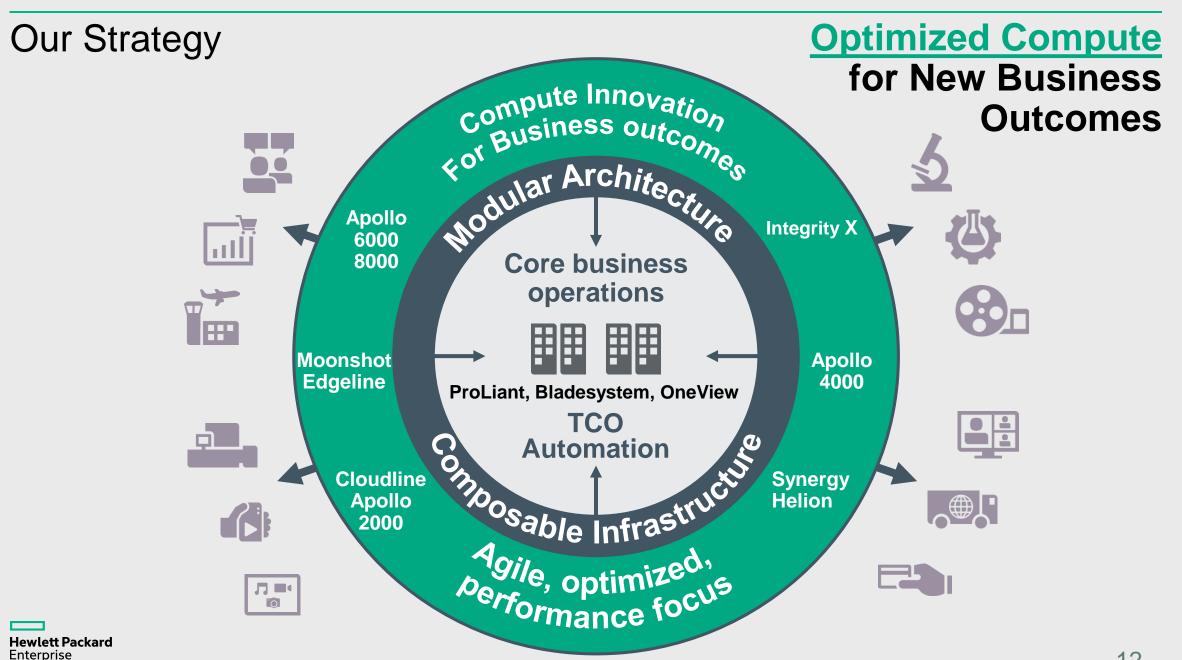
## Cloud **Specialization** Workload optimized **Cloud service providers Hybrid infrastructure Customer segment specialized Bifurcation Big Data Hyper-converged and integrated** Object Storage Software-defined and commoditized **Internet of Things**







Enterprise



#### Launched in December 2015

Enterprise-class capabilities at a great value...



**HPE ProLiant DL20 Gen9** 

Ideal solution for SMB & ROBO...



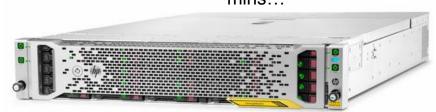
**HPE ProLiant ML30 Gen9** 

Kickstart your IoT Journey...



**HPE Edgeline IoT Gateway** 

Run enterprise workloads in 15 mins...



**HPE Hyper Converged 250 System** 

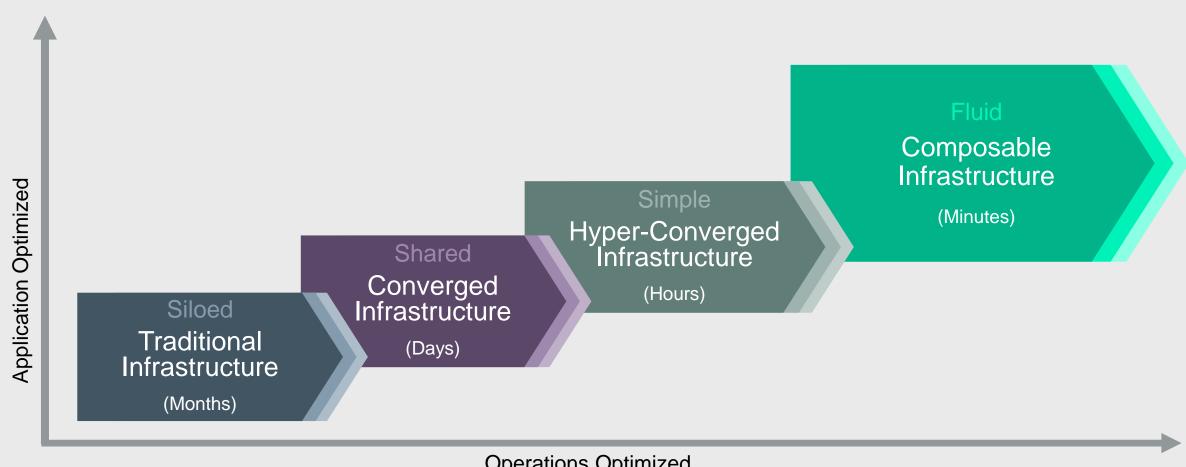


The era of Composable Infrastructure is here...



**HPE Synergy** 

## A new class of infrastructure is needed to power traditional and new apps

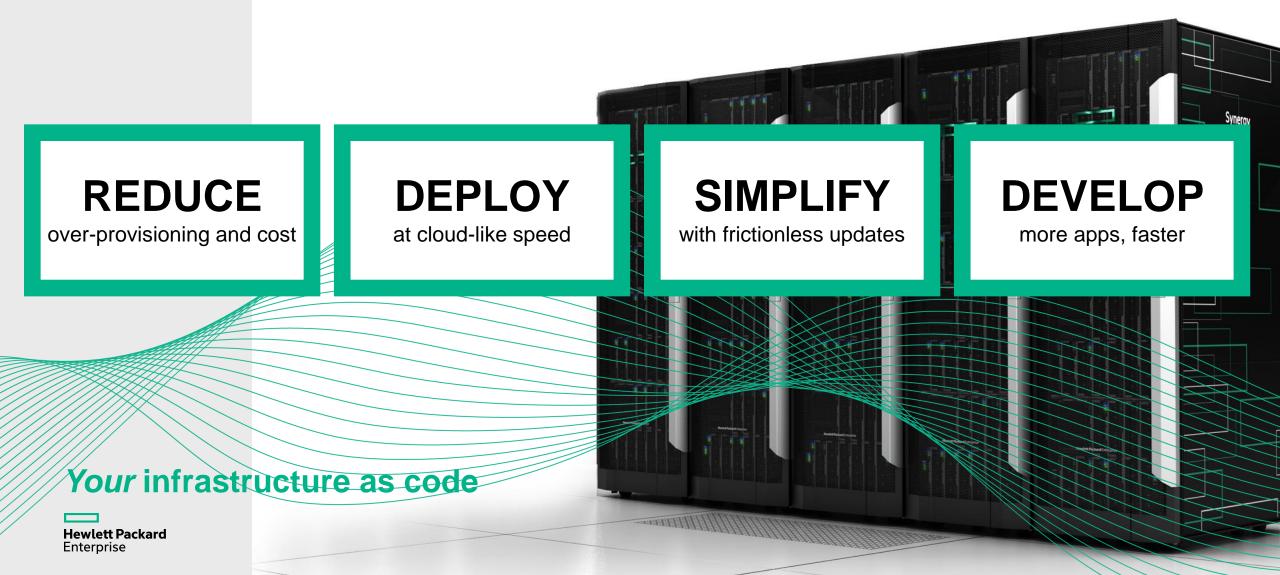




Operations Optimized (Speed of deployment)

## HPE Synergy: The industry's first Composable Infrastructure

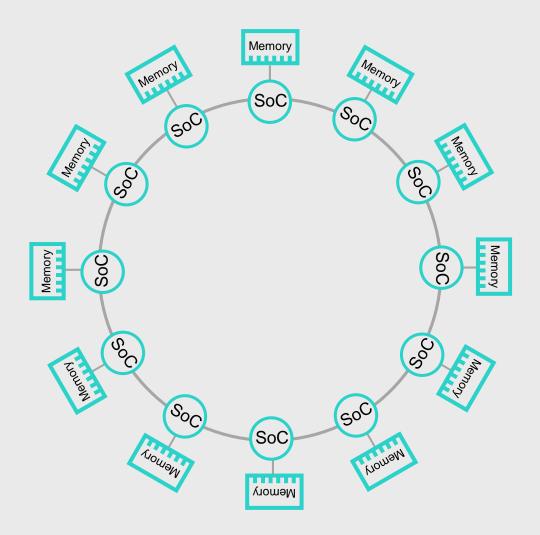
Fluid resource pools, software-defined intelligence and a unified API



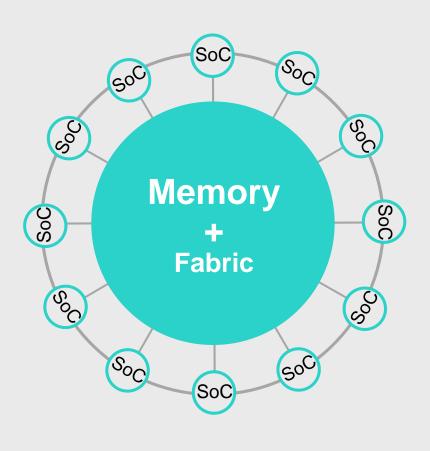
## The Future

..... The Machine





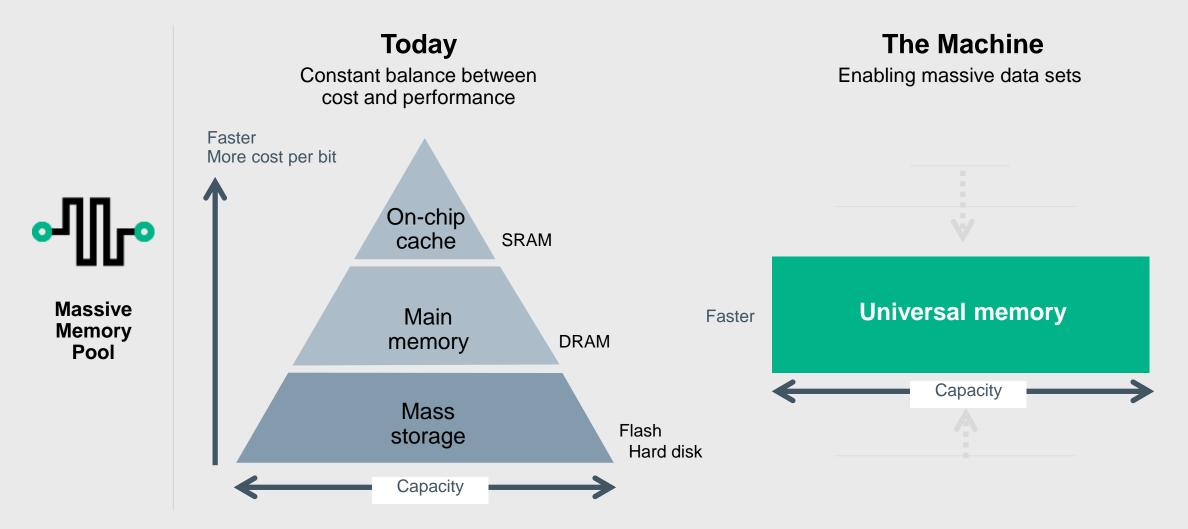
From processor-centric computing...



...to Memory-Driven Computing



## Making the memory hierarchy obsolete





## Photonics destroys distance

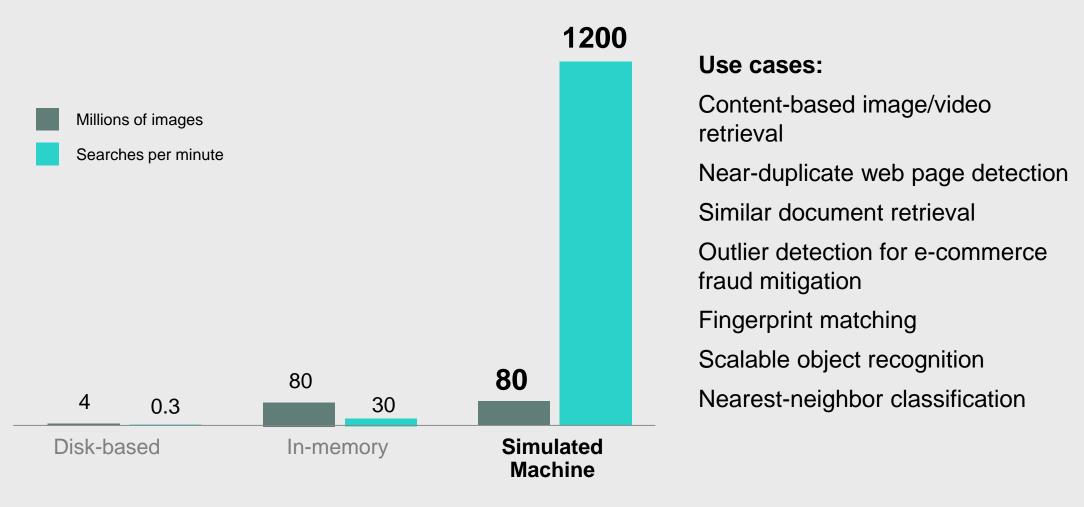






## Performance demonstration – similarity search

#### From offline to decision time





## **Future History**

Physical infrastructure of Core prototypes established

Open Source Machine OS SDK and emulators released

ISV Partner collaborations begin

Edge devices begin sampling

Machine OS enters public beta

Core devices at volume

Machine available as product, service, and as a business process transformation

2014	2015	2016	2017	2018	2019	2020
NVRAM media controller, protocols and standards established  SoC Partners selected for co-development		Fast NVRAM DIMMs available		Edge devices ship in volume		Distributed mesh computing goes mainstream
		Integrated core technologies demonstrated		Core Machines running real-world workloads at scale		
				Machine OS released		
Machine OS d	evelopment					



## This changes everything



## Call to Action

... What do we do now?

### **Our Mission Critical Portfolio**

#### High-end scale-up

#### Mid-range scale-up

8-socket offering for large Linux workloads



HPE Integrity MC990 X
Optimized for 8-socket
price/performance value

2 to 16-socket offering for the largest, most critical enterprise workloads



HPE Integrity Superdome X

Maximum scale, availability
and performance

#### **Entry level scale-up**

2 to 4-socket offering for data-demanding workloads



**HPE ProLiant DL580 Gen9** 

Designed for leading 4-socket performance



## **Our Portfolio for Virtualization**

**Large Scale/Enterprise:** 

HPE Synergy, HPE BladeSystem, HP ConvergedOystom

Virtualization/Private Cloud

> Backend IT **Applications**

**Backend IT** Remote Office

Small Scale HPE DI 500, 100 Series Servers



Mid Scale **Appliance:** HPE Hyperconverged



Mid Scale: HPE DL500 Series Servers



All managed by



## **HPE Server Options for Big Data**

## Traditional to Purpose-built to Revolutionary



#### **HPE DL Servers**

- Traditional, symmetric
- Standard rack
- Physically re-deployable 2U
- COLO deployed
- Entry Big Data system
- Small deployments (~20 nodes)
- Smaller fault zones
- Existing HP DL customer



#### **HPE Apollo Servers**

- Purpose-built, symmetric
- Mid-size to large deployments
- Fixed workload optimization
- Storage optimization
- Higher density, lower power







## HPE Big Data Reference Architecture

- Asymmetric (separately definable and scalable storage)
- Mid-size to large deployments
- Multiple analytics workloads
- Dynamic workload optimization
- Need to accommodate unpredictable growth (compute OR storage)
- Highest density



December 2105, #c04805202

<sup>\*</sup> Moonshot Datastax RA is also a big data solution for a specific application

## ProLiant Rack and Tower series - positioning

Features & Segments	Essential Ra	cks and Towers	Performance Racks and Towers		
	New to Servers 10 series	New IT Growth 100 series	Traditional IT 300 series	Scale Up 500 series	
	SMB	SMB, Enterprise	SMB, Enterprise,	Enterprise, HPC	
Use cases, apps and workloads	<ul><li>File and Print</li><li>Messaging</li><li>Infrastructure core apps</li></ul>	<ul> <li>NoSQL, Hadoop         Map/Reduce</li> <li>Basic Virtualization</li> <li>Messaging / Unified         Communication</li> </ul>	<ul> <li>Mission critical apps</li> <li>Academic and Research</li> <li>Virtualization (mid – high VM density)</li> </ul>	<ul> <li>Large databases</li> <li>Unix alternative</li> <li>Monolithic apps</li> <li>Data warehousing</li> <li>Business Intelligence</li> </ul>	
ProLiant Models	<ul> <li>DL20 Gen9</li> <li>DL60 Gen9</li> <li>DL80 Gen9</li> <li>ML30 Gen9</li> </ul>	<ul> <li>DL120 Gen9</li> <li>DL160 Gen9</li> <li>DL180 Gen9</li> <li>ML110 Gen9</li> </ul>	<ul><li>DL360 Gen9</li><li>DL380 Gen9</li><li>ML350 Gen9</li></ul>	<ul><li>DL560 Gen9</li><li>DL580 Gen9</li></ul>	
	- IVILOU GETT9	• ML150 Gen9			
Value Prop		ers to run the new style of IT, and business workloads	Most flexible & best overall performance systems to run compute intensive workloads		



## The HPE Rack (DL) Gen9 Portfolio









**DL100 Series** 





**DL300 Series** 



**DL500 Series** 



## Responding to RFPs

Real Life example, 3 weeks back in Africa

#### **First Config received**

- \$1.7m (total list price)
- 60% discount ask i.e., 680k
- Base config included Options/Accessories "logically" needed, but not specified in RFP
- Customer agreed those were needed

#### **Final Config quoted**

- \$800k
- 55% discount given i.e., 360k
- 100% compliant with RFP specs
- All logical additions added as Recommended Options
- Customer agreed to choose them, if all vendors offered it!

Ruthless Focus on maximum Compliance, with LEAST possible model/configuration, before discounts



## Call to Action

- Understand workloads Position Right Compute
- When Responding Configure to Win
- Embrace Change Hyper Converged / Composable
- Differentiate to Win Profitably







## Thank you





# Storage Strategy

Walid Gomaa
Director Storage Division - MEMA







#### CQ3 2015 IDC MEMA Market Share\*



#### **MEMA**

- Growing faster than the market for 3 Quarters in a raw
- Market share gain over EMC
- Q1 was the best Q in the last 5 Q
- Rapid growth in Flash business



#### **EMEA**

- #1 in Internal Disk 8 quarters of market share gain
- #2 in External Disk only major vendor growing revenue



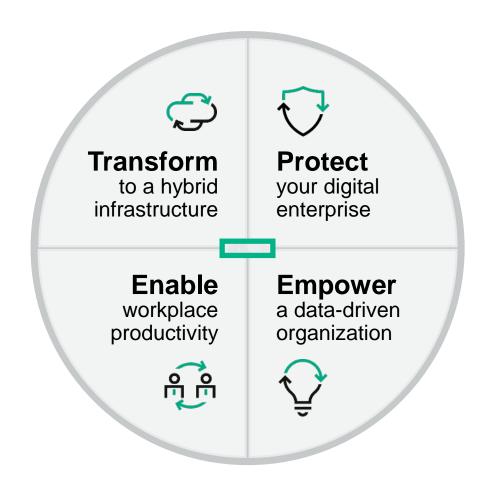
- #1 in SAN by Vendor & Product (3PAR) taking over from EMC
- #1 in Entry SAN by Vendor & Product (MSA) with >10%pt to Dell
- All-Flash (3PAR) fastest growing and bigger than Pure
- Backup Appliances (StoreOnce) fastest growing vendor





## Storage is key to all four Transformation Areas

Storage demands will only grow ... now they grow even faster



#### **Transform to a hybrid infrastructure**

 How to move from expensive and slow storage systems to fast and flexible capacity pools to serve private and public cloud without giving up mission critical capabilities?
 Flash & Software Defined Storage

#### **Protect your digital enterprise**

How to classify, manage and protect huge amounts of data?
 Integrated Protection & Information Governance

#### **Empower a data-driven organization**

– How to store and access petabytes of data in an affordable, but highly available way as well as provide fast storage for online analytics?

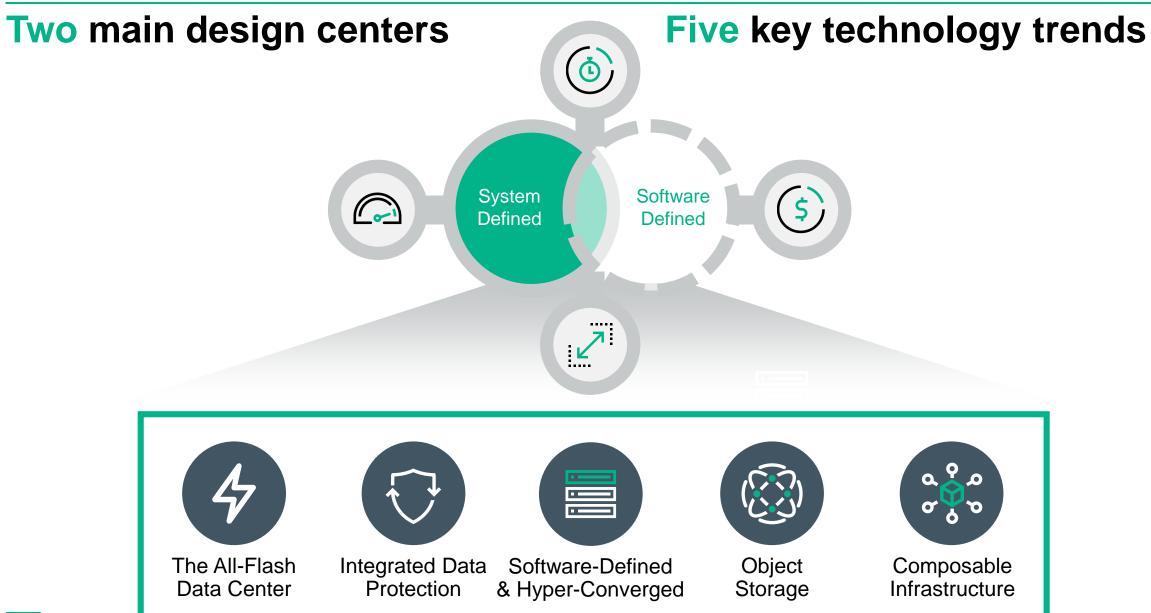
Object Storage & Flash

#### **Enable workplace productivity**

How to provide a turnkey infrastructure for VDI and Remote
 & Branch Office that integrates storage and protection?
 Hyper-Converged & Software Defined Storage













#### The All-Flash Data Center

#### Benefits of the All-Flash Data Center\*



<10% raw capacity needed vs HDD, along with less power, cooling and floor space



Enabling Real-time analytics by removing the storage performance bottleneck



50% reduction of operational staff via faster and more predictable storage simplifying deployment & automation

#### **HPE 3PAR StoreServ All-Flash**



#### Fas

Setting world records on performance SPC-2 benchmark



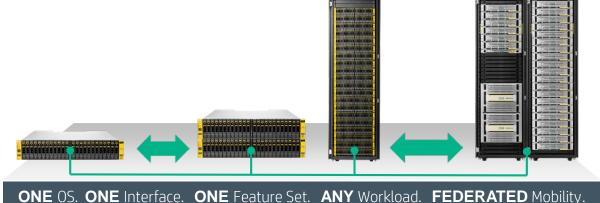
#### **Affordable**

All-Flash below \$1.50/GB with 19k\$ Entry Price Point



#### **Enterprise Class**

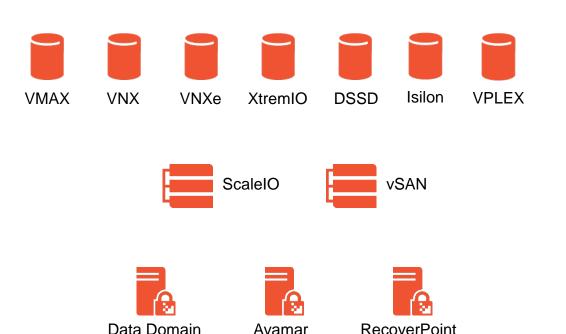
Only platform in Gartner MQ Leader Quadrant for both General Purpose and Solid State Arrays







## Fragmented complexity leads to inefficient Data Centers











## Systemic gaps in legacy storage

- Complex: 16+ disconnected platforms to meet needs. No interoperability.
- Rigid: Manual 'hardware-defined' allocation of resources by workload
- **Isolated:** Inability to intelligently search or move data between silos
- **Expensive:** <30% utilization, increasing CapEx and OpEx at odds with flat budgets



## **Gartner Critical Capabilities**

### General-Purpose, Midrange Storage Arrays

## HP 3PAR StoreServ Series highest product score in EVERY use case:

- #1 Overall
- #1 Consolidation
- ) #1 OLTP
  - #1 Server Virtualization and VDI
  - #1 Analytics
  - #1 Cloud

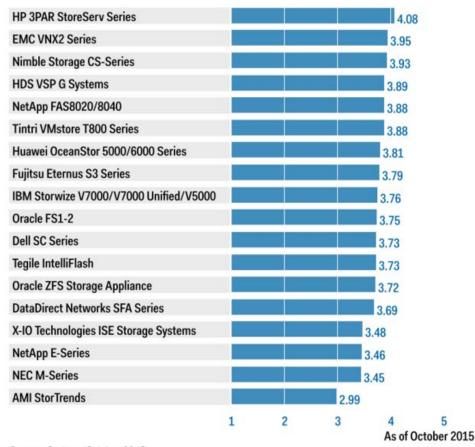
Gartner, Critical Capabilities for General-Purpose, Midrange Storage Arrays 21 October 2015



As of October 2015



#### Product or Service Scores for Overall



Source: Gartner (October 2015)

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from HP.

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## 3PAR Flash Acceleration Program for Oracle/VMAX



#### **Boost Performance**

Greater than **75 percent improvement** in read/writes and **6x better latency** 



#### **Tier-1 Availability**

**99.9999 availability** with multi-site flash-optimized replication for HA



#### **Greater Efficiency**

Half the cost of a VMAX upgrade, 80% less space with AFA starting at \$19K



#### **Risk-Free Deployment**

Low-impact with no need to change any back-end storage processes





## **Consolidate Traditional High-End Arrays like EMC VMAX**

#### 3 x EMC VMAX 400K

12 PBs Usable 21 Racks 90% HDD / 10% SSD



Less space Less power Less cooling

1 x 3PAR StoreServ 208x0

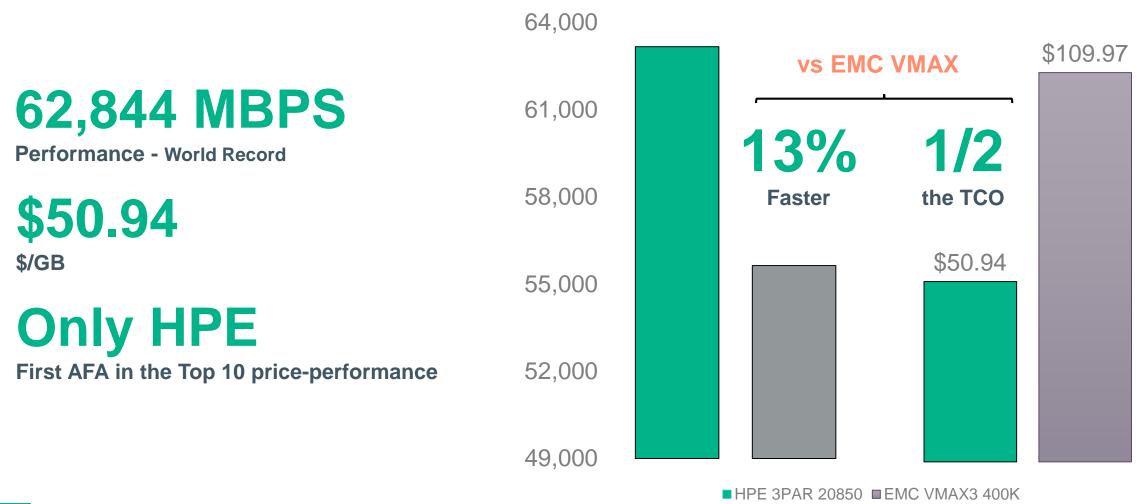
12 PBs Usable 3 Racks 100% SSD







## 3PAR StoreServ Sets World Record SPC-2 Benchmark







### **HPE 3PAR StoreServ: A series of Innovations**

2013

**Transforming** the Midrange

2014

Mainstream All-Flash

2015

All-Flash
Data Center

#1 World Record
Performance





Tier-1 at a midrange price

**3PAR StoreServ Thin Dedupe** 

2TB SSD. \$2/GB Usable Flash



Enterprise

3PAR StoreServ All-Flash

900K IOPS < .7ms latency

#1 Fastest Growing All-Flash Vendor 2014 **3PAR StoreServ Data Protection** 

Snapshot offload to StoreOnce

**3PAR StoreServ File Persona** 

Any data type. No compromise



#2 Market Share All-Flash Array 3PAR beats Pure

3PAR StoreServ Value Flash

8000 Series 1M IOPs. Starting at \$19K



**3PAR StoreServ Enterprise Flash** 

20000 Series and 4TB SSD 3M IOPs. \$1.50/GB Usable Flash Flash-optimized replication



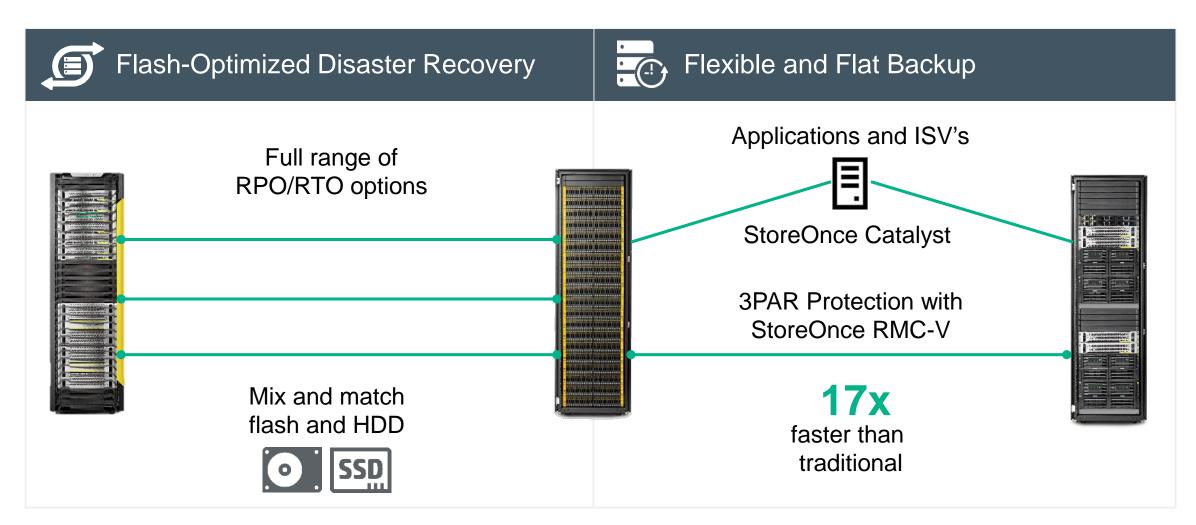
**#1 Midrange Array** 



## (T)

## Integrated Protection and Disaster Recovery for Flash

HPE 3PAR Flash and StoreOnce









## Software-Defined File and Object Storage at Petabyte Scale

## New Style of Business drives extreme requirements

- Storing data at Petabyte scale with massive growth
- Infrequently updated but actively accessed
- Access via object or file interface
- Always-on with global access
- Cost below 20ct/GB

## **HPE Apollo Servers & Scality RING**



#### **Flexible Access**

File, Object and OpenStack with location awareness



## **Extreme Availability**

Local & geo-protection with replication and erasure coding



## **Lowest cost at Petabyte scale**

Big data optimized high density Apollo Server combined with scale-out object storage core

#### Verticals



Healthcare



Service Providers



CME



Oil & Gas / Manufacturing



Financial Services



Active Archives



Web & Cloud



**Use Cases** 

Content Distribution



IoT Applications



Sync & Share

**500TB**In a single chassis



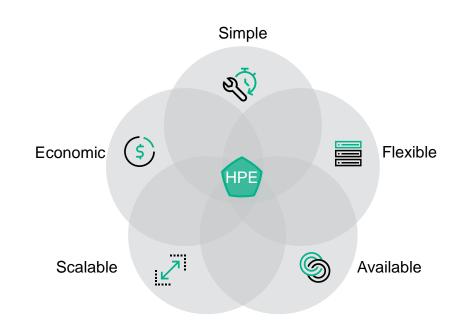
100s PB
In a single RING







## Hyper-Converged and Software Defined Storage



## **HPE Hyper-Converged 250**



## **Turnkey**

Virtual Infrastructure ready in 15 minutes with management via known hypervisor tools (VCenter, MS SCOM)



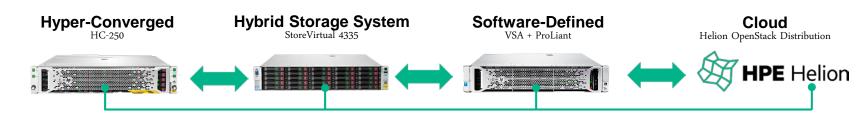
## **Enterprise Data Services**

Hybrid Tiering, Data Mobility and Replication



#### Cloud-in-the-box

Only one step to the Hybrid Cloud with Helion CloudSystem or Microsoft Azure Cloud Platform System



Common Software-Defined Data Services powered by StoreVirtual







# A new category of infrastructure is needed to power the Idea Economy

## Conversed

## **Traditional**

#### **Siloed Infrastructure**

- Complex processes
- Static, siloed IT
- Silo defined
- Physical, virtual, and containerized workloads

## Converged

## Improve staff productivity

- Masks some complexity with people and software
- Preconfigured physical IT
- Hardware defined
- Targeted workloads

## **Hyper-converged**

## Simplify deployments

- Remove complexity by eliminating SAN
- Fluid virtual IT
- Software defined storage
- Virtual workloads

## Composable

## Simplify Infrastructure as a Service

- Hardware & Software architected as one
- Fluid IT
- Software defined everything
- Physical, virtual and containerized workloads

**Composability** 







## **HPE Synergy - Composable Experience**

## Single Management Interface:

One interface to discover, compose, update, and troubleshoot

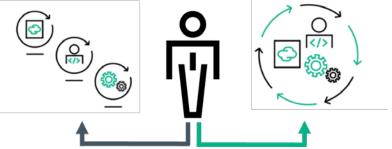
## **Image Streaming:**

Instantly provision operating environments on stateless infrastructure

## Template Based Composition:

Templates composes the infrastructure to match the workload's needs





### **Frictionless Change:**

Firmware and driver updates delivered seamlessly as one

#### **Unified API:**

Operations changes can be easily automated and Developers can program the infrastructure as code

#### **Developer Portal:**

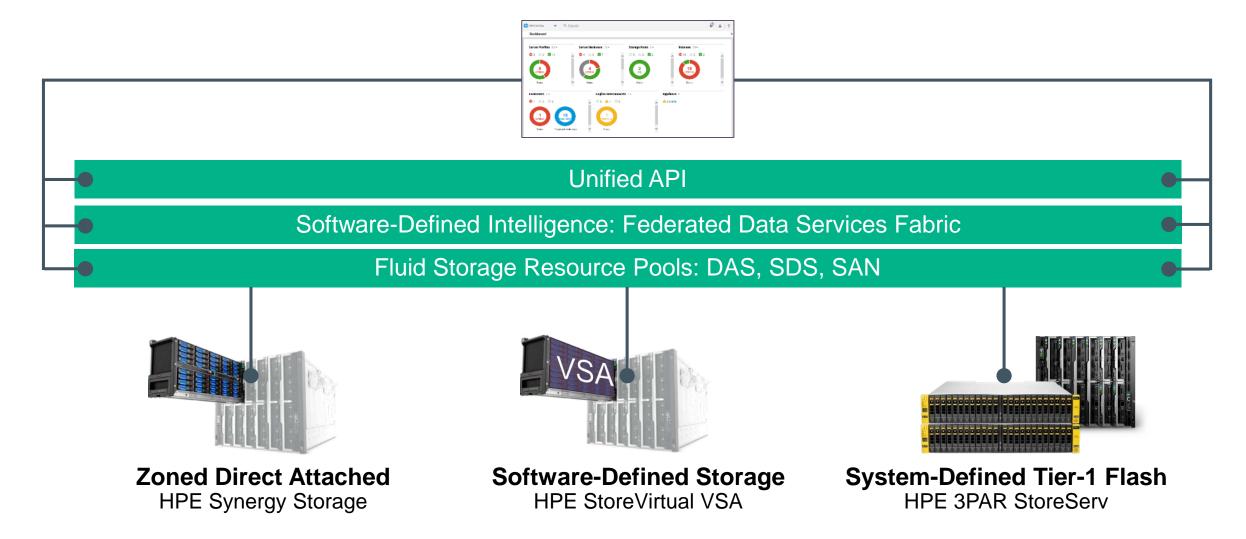
Presents a private bare metal cloud through unified API & SDK







## Storage in the Composable Infrastructure





## **HPE Converged Storage Leadership**



All-Flash Storage Array Best-in-Class HPE 3PAR StoreServ 20000



Midrange Enterprise Hybrid Storage Array Best-in-Class

HPE 3PAR StoreServ 7200c



Midrange Array Best-in-Class

HPE 3PAR StoreServ 7000



Flash Memory Storage Array Recommended

HPE 3PAR StoreServ 7450



High End Array Best-in-Class

HPE 3PAR StoreServ 10800



HPE 3PAR StoreServ 20850



Technology of the Year
HPE 3PAR StoreServ 7400

### Gartner.

Gartner Solid State Array Magic Quadrant Leaders Quadrant

HPE 3PAR StoreServ 7450c

## **Gartner**

Gartner 2015 Magic Quadrant for General Purpose Storage Quadrant #2 in Leaders Quadrant HPE 3PAR StoreServ

## # I Gartner

2015 Gartner Critical Systems Capabilities #1 Mid Range in <u>ALL 6</u> Use Cases

HPE 3PAR StoreServ

## Gartner.

2015 Gartner Critical Systems Capabilities Top 3 High End Overall Use Case

HPE 3PAR StoreServ

## Gartner.

Gartner Critical Systems Capabilities #1 Solid State Arrays RAS, Multi-tenancy, & Security Use Cases HPE 3PAR StoreSery 7450



Storage Magazine #1 All Flash Storage Array Vendor

HPE 3PAR StoreServ 7450



Storage Array Vendor

HPE 3PAR StoreServ 7000



Software Defined Storage #1 Market Leader\* HPE, \$100M, 37%

HPE StoreVirtual

\*Wikibon Server SAN Research Project 2014

## Gartner.

Gartner Deduplication Backup Target Appliances Magic Quadrant Leaders Quadrant

HPE StoreOnce



Storage Magazine #1 Backup Hardware

HPE StoreOnce 6500



HPE StoreOnce 6500

Hewlett Packard Enterprise

## Thank You





# Integrated Quoting Overview

Sara Maach MEMA Management of Change Manager



## **Partner Ready Platform Delivers**

An easier way to Partner and win more deals















Expand pipeline & increase wins

Improve profitability

Simplified experience

Grow your business

With end-to-end support throughout the entire sales motion, the Partner Ready Platform helps accelerate revenue growth and profitability.



## **Revolutionizing Your Quoting Experience**

## You Provided Feedback:



- Current tool should be completely renewed
- Shorten approval TAT
- Faster processing of Quote requests and Partner requests for Growth



- Simplify the Deal Registration
- **Hewlett Packard Enterprise** needs a faster turnaround on Deal Registration



- More competitive pricing without multiple requests
- Sales department can work on getting competitive prices faster

## **The Hewlett Packard Enterprise Listened:**

A brand new quoting tool offering 80% of quotes delivered in minutes to your PC. A more automated environment for your special pricing requests.

A new Deal Registration tool for **faster approvals** and **reduced turnaround time.** 

Pricing based on big data analytics giving you a more market relevant price.



## Partner Ready Portal: A better and more integrated platform



## **Partner Ready Portal**

Ease of use and quick access to customized information



## Market development funds (MDF)

Increase marketing ROI with a simpler, more-efficient MDF process



## Joint business planning

Develop and standardize portfolio and account planning



## Opportunity management

Improving pipeline and partner collaboration by sharing opportunity information



## registration

Win more deals with fast, consistent deal registration and quoting



## QUOTING

## Faster, more customer relevant quotes

The right support to empower partners to win more deals



## **Demand generation**

Automated and personalized co-marketing assets



## Partner compensation and rewards

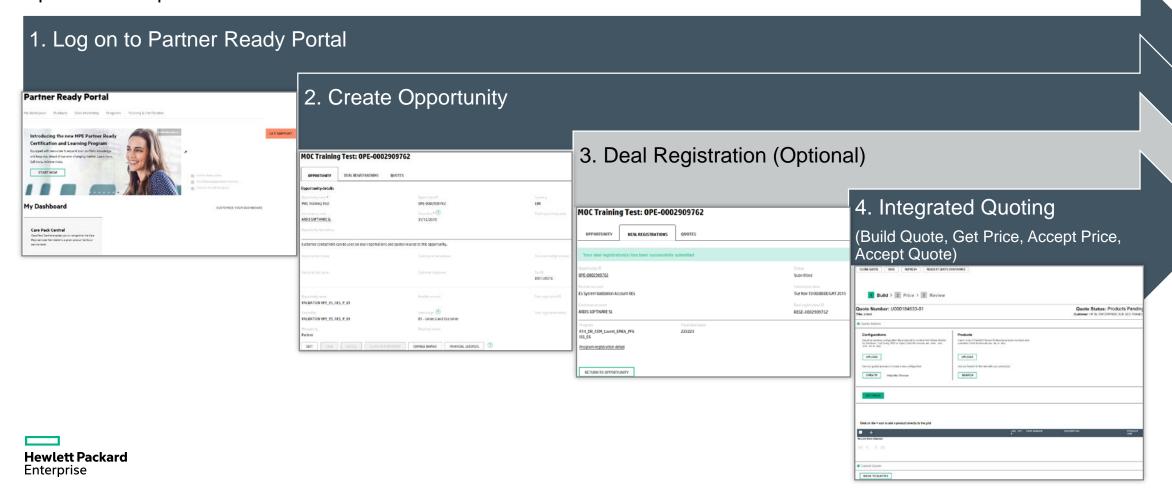
Provide greater clarity into partner compensation and rewards

MEMA Go Live: 28th March 2016



## Integrated Quoting – System Collaboration

The seamless E2E Integrated Quoting experience for Partners is defined by Logging on to Partner Ready Portal, creating an opportunity, adding a Deal Registration (part of Partner Ready Platform), if applicable, and then creating and accepting a price and a quote.



## **MEMA Partner Training Planner**

	Monday 7			Tuesday 8			Wednesday 9			Thursday 10			Friday 11		
<del>-</del>	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location
07 - 11	14-15 EET 13-14 CET 12-13 GMT	Atrium	Greek	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English	10-11 EET 9-10 CET 8-9 GMT	Atrium	Greek	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English	10-11 EET 9-10 CET 8-9 GMT	Atrium	Turkish
March	12-13 PM GMT 13-14 PM CET	Atrium	English	11-12 CET 10-11 GMT	Atrium	French	11-12 AM GMT 12-13 PM CET	Atrium	English				11-12 AM GMT 12-13 PM CET	Atrium	English
	 Monday			Tuesday			Wednesday			Thursday			Friday		
	14			15			16			17			18		
	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location
14 - 18	11-12 CET 10-11 GMT	Atrium	French	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English	10-11 EET 9-10 CET 8-9 GMT	Atrium	Greek	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English	11-12 AM GMT 12-13 PM CET	Atrium	English
March 14	11-12 AM GMT 12-13 PM CET	Atrium	English	14-15 EET 13-14 CET 12-13GMT	Atrium	Turkish	12-13 PM GMT 13-14 PM CET	Atrium	English	10-11 EET 9-10 CET 8-9 GMT	Atrium	Turkish			
		Manday			Tuesday		<u>'</u>	Wednesday			Thursday		<u>'</u>	Friday	•
	Monday 21			Tuesday 22			23			Thursday 24			25		
	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location	Session Time	Trainer	Location
25	14-15 EET 13-14 CET 12-13 GMT	Atrium	Greek	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English	14-15 EET 13-14 CET 12-13GMT	Atrium	Turkish	11-12 AM AST 10-11 AM CET 9-10 AM GMT	Atrium	English			
March 21 -	12-13 PM GMT 13-14 PM CET	Atrium	English	12-13 PM GMT 13-14 PM CET	Atrium	English	12-13 PM GMT 13-14 PM CET	Atrium	English	12-13 PM GMT 13-14 PM CET	Atrium	English			
Marc				1-2 PM CET 12-1 PM GMT	Atrium	French									
											+				_



Middle East	English				
Africa French	French				
Africa English	English				
South Africa	English				



Partners@Work2016

Mohamed Karim Assif Sales Strategy & Planning - EM

11th March, 2016



"Leverage on what we are, Capture the opportunity"



"Leverage on what we are, Capture the opportunity"



Strong financial position with a clear path to growth

# THANK YOU

## Trailing Twelve Months (TTM) Financial Metrics<sup>1</sup>

Revenue

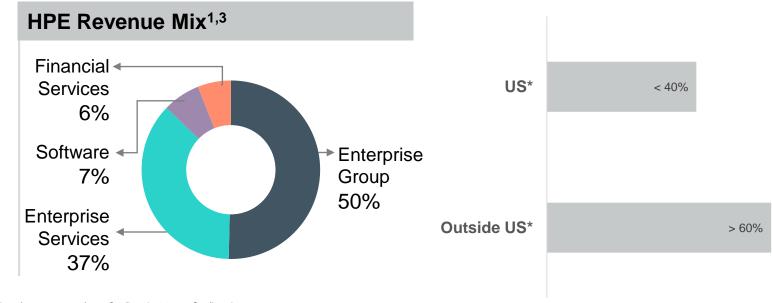
\$52.7B

Operating Profit<sup>2</sup>

\$4.9B

Operating Margin<sup>2</sup>

9.2%



<sup>1.</sup>Based on HPE Form 10 filing for the last four quarters from Q4 fiscal 2014 to Q3 fiscal 2015



<sup>2.</sup>Non-GAAP operating profit excludes restructuring charges of \$951M, amortization of intangible assets of \$838M, separation costs of \$458M, defined benefits plan settlement charges of \$178M, impairment of data center assets of \$136M, and acquisition-related charges of \$72M from GAAP operating profit of \$2.2B

<sup>3.</sup>Revenue mix calculated based on segment revenue, which does not include intercompany eliminations

<sup>4.\*</sup> Estimated split between US and Non US Revenue mix

**Channel Driven** Organization

# THANK YOU

62%
of EG HW
Worldwide revenue is
channel driven



Nothing different than #1 or #2

# THANK YOU

#1 or #2 in every product category



**Leader** in every aspect of Infrastructure

# THANK YOU



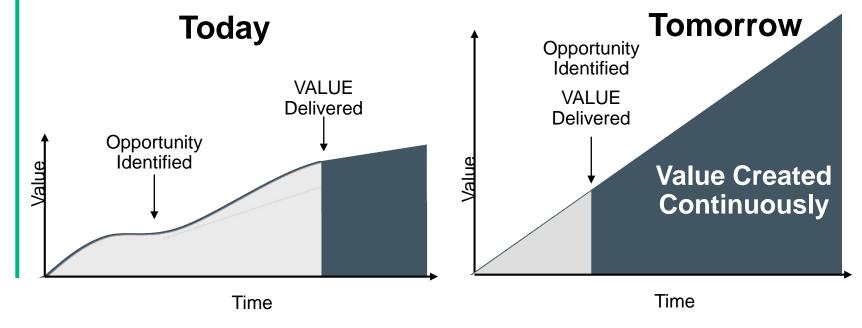
# Leader in every aspect of Infrastructure



Clear and consistent vision

# THANK YOU

## Vision





**Social Responsibility** 

# THANK YOU

138K

Total employees engaged in the community in FY14

106M\$

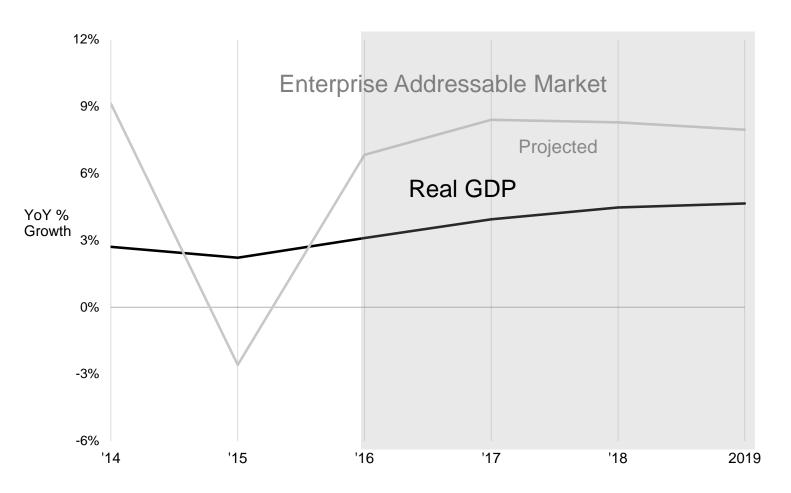
Total value of employee volunteering & giving in FY14

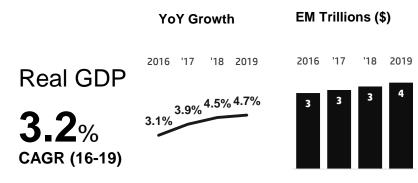
6M\$

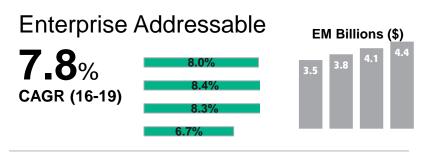
Microloans to entrepreneurs from 120K employees in FY14

"Leverage on what we are, Capture the opportunity"

Of enterprise IT being a growth driver in a growing economy



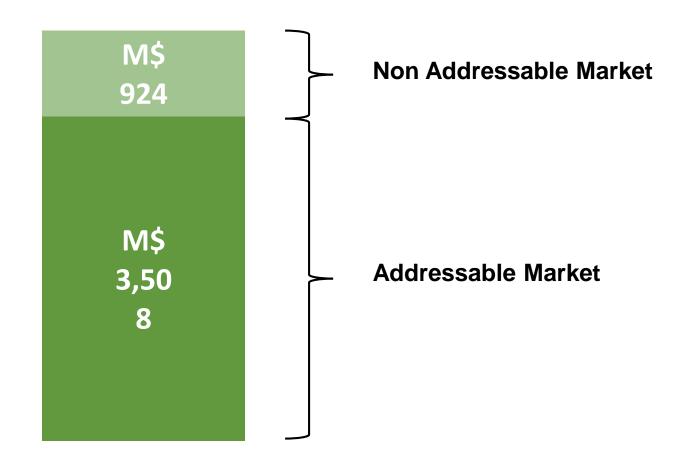




Sources: Real GDP from IHS Global Insights, October 2015; Enterprise HPE TAM from 1Q16 Enterprise Market Model



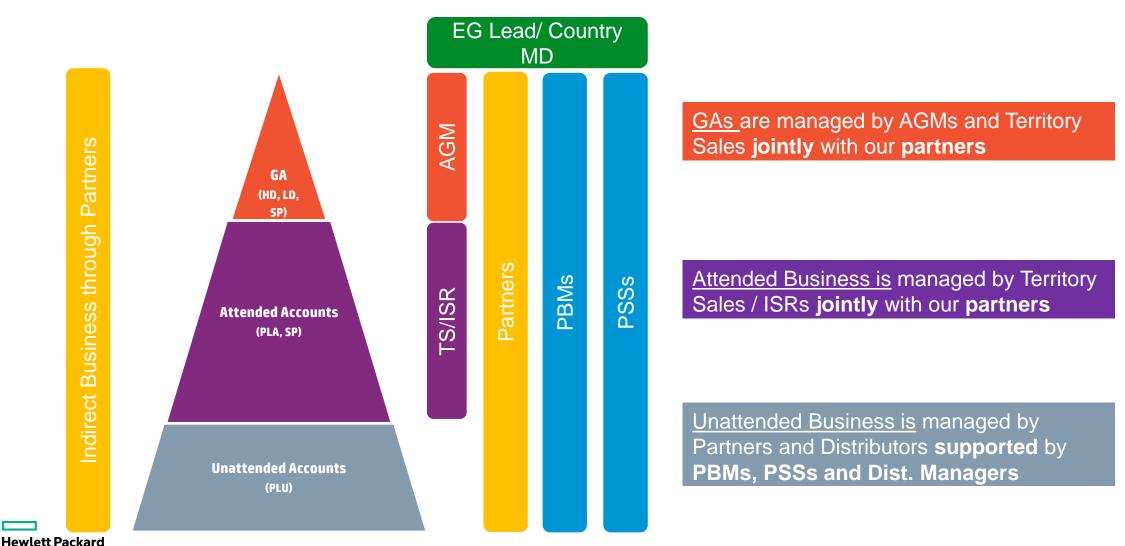
Of a market that could be nearly fully addressed. In 2016, HPE TAM is projected to be \$B 3.5 or almost 80% of total Enterprise IT Market Size



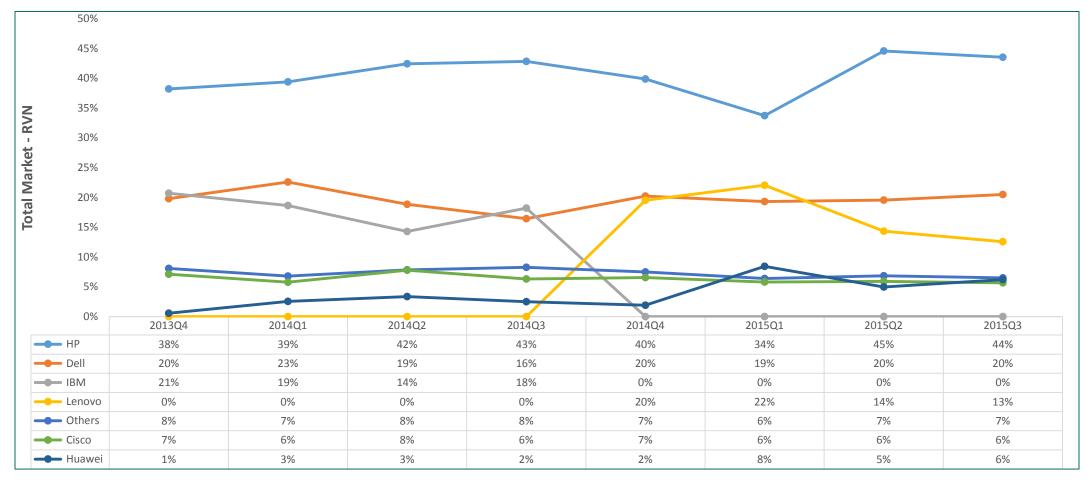


Enterprise

Of our GTM. 100% of our business in Emerging Markets is Indirect



Of partnership with a **leader** that always sees a **room** to **do more** 





"Leverage on what we are, Capture the opportunity"

## Leverage on what we are, Capture the opportunity...

## Leverage on:

- Strong financial position with a clear path to growth
- Channel driven GTM
- #1 or #2 in every product category
- Leader in every aspect of infrastructure
- Clear and consistent vision
- Social responsibility

## Capture the opportunity of:

- Growing economy
- Growth driver Industry
- 80% of total addressable enterprise Market
- 100% of HPE share
- #1 in Emerging Markets Servers with a room to achieve more





# Thank you

## **Emerging Market Partners update**

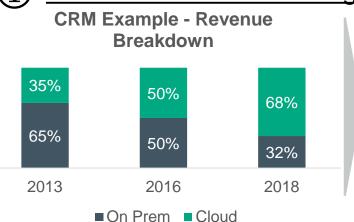
JS Vincent, MEMA indirect team

March 2016



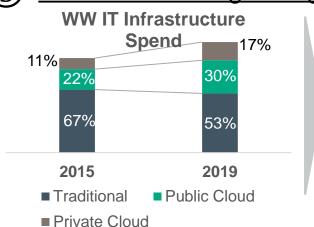
## IT Consumption is changing, with major impact on RTM

(1) Customers are consuming IT differently



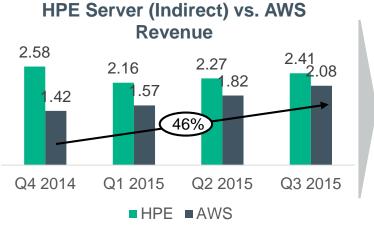
- Moving away from onpremise to pay-as-a-service for certain IT solutions
- IT budgets are consequently moving away from HW/SW consumption towards services





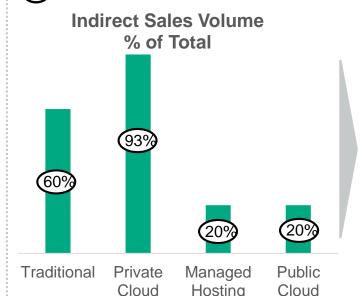
- Cloud is fastest growing portion of IT infrastructure spend
- Traditional remains a large market, but will witness declining growth going forward

## Partners already feeling change in the market



- Newer entrants, selling compute directly to end customers are bypassing traditional channels
- AWS operating margin is ~25% vs. 5-6% for servers
- AWS particularly strong in SMB which is a targeted growth area for HPE

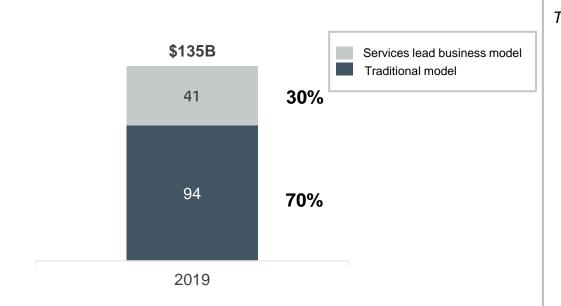
## ) Partner opportunities exists in new IT market



- Indirect will remain primary route for Traditional and Private Cloud
- Opportunities remain for all types of partners
- Managed Hosting and Public Cloud will be fulfilled more directly

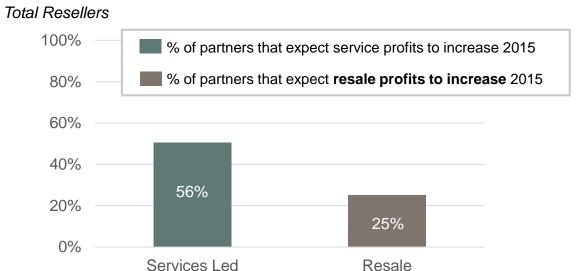
## Shifting TAM and profit pools

#### **EG Hardware TAM 2019**



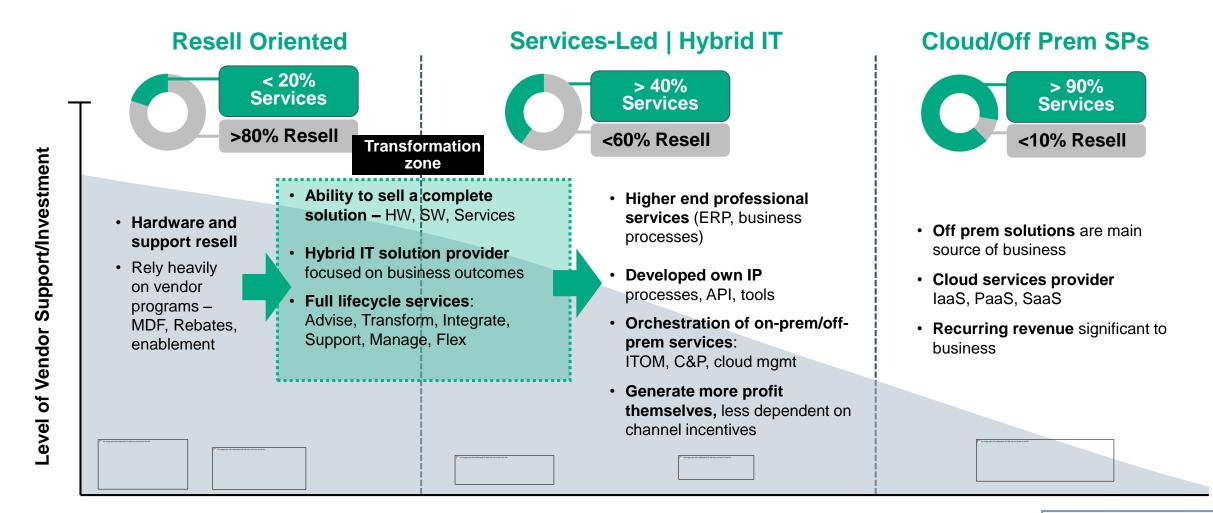
 Service Provider = Service lead business model share of overall hardware TAM grows to 30% by 2019

### **2015 Partner Profit Expectations**



- The majority of managed services lead providers expect profits to increase with 42% of them expecting increases by 15 percent or more
- Over 75% of the VAR community expect profits to either remain flat YoY or decrease

## Partners are Evolving & Some Moving Between Business Models





## Channel Growth & Evolution

## **Support You- "Trains On Track"**

- Streamlined Partner Ready program & compensation
- Partner Portal roll out with deal reg, etc
- Competitive attack program offering
- to transformation)

## **Evolve & Grow –" Accelerate Train Speed"**

#### **Accelerate Profitable Growth**

- Enable partners & select Distis with Aruba
- Increase **TS** attach with Foundation and Proactive Care
- For the standard countries develop a broader service offer with the right competencies
- Accelerate Flash market share
- Defend Blades and attack competitors
- Be the market disrupter through Composable, Converged, SD architectures

#### **Channel Evolution**

Field

BE

Focus

- Enable multiple partner business models and guide partners with evolving business models
- Run with you Transformation Workshops

# 2016 Partner Ready membership provides a compelling value proposition

#### Membership level











#### **Benefits**

- Highest level of core compensation\*
- Active Platinum partner promotion
- Executive Sponsor
- HPE Executive Innovation Tour
- Increased core compensation
- Increased NBO rates
- · Active promotion of membership brand
- Core compensation from \$1
- Deal registration based benefits (NBO)
- Access to discretionary HPE MDF
- Access to BU-specific pre-sales information and resources
- Special pricing
- Access to the Partner Ready portal, promotions, training
- Listed in Partner Locator sorted by membership level

#### Requirements

- **Deep expertise** throughout the Enterprise Group / Software
- Pan-EG / Software competencies and specialisation requirements
- Extensive skills in a key technology area within Enterprise Group / Software
- Increased sales certification & knowledge credits and advanced BU-specific certification and revenue requirements
- Foundational skills in a key technology area within Enterprise Group / Software
- Sales certification & knowledge credits and basic BUspecific certification and revenue requirements
- Signed contract (or electronic acceptance of program terms)
- Entry-level training/certification and revenue requirement

Please note: Benefits and Requirements vary by business unit, region and other criteria. Therefore, you may not be eligible for some benefits.

### **EG Channel Compensation Key principles**

**Reward Partner** LOYALTY Reward channel for loyalty w/HP Compensation ISS accelerator Core Platinum / Gold

#### ATTACK to accelerate

Hunt for new customers and business

#### NBO reward for

- New customer deals
- Technology upgrade
- Competitive win\*

### **Reward Partner Value** Selling

Accelerate disruptive technologies & business model transformation

- Increased \$ on strategic PL's
- 5% NBO (xBU) for Gold **Cloud Builders**

**Business Partner** 

Silver







Profitable 4

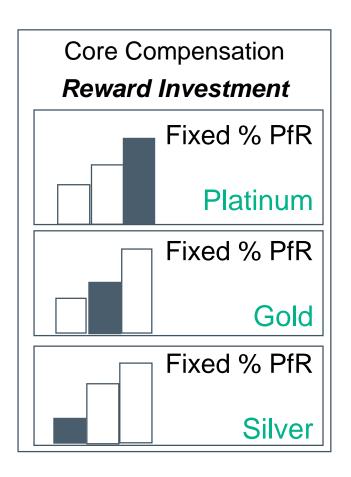


Simple



### FY16 Reseller compensation: Core Compensation

### Stability for fixed base compensation



- ✓ Predictable Base Compensation% x (Sell out in List)
- ✓ No targets, no gates, no caps, unlimited earnings
- ✓ M4M : earnings aligned to Partner Ready membership status

	Specializations	HPS (ISS,BCS)	HPN	HPSD	TS
Core pensation	PLATINUM CI Specialist	4% / 2%	4% / 3%	4% / 2.3%	Up to 6%
Core Compensa	GOLD Specialist	3% / 1.5%	3.5% / 2.5%	3.5% / 2%	Up to 4%
	SILVER Specialist	1.5% / 0.75%	2.0% / 1.0%	1.3% / 0.8%	Up to 2%



### H1 FY16 Reseller compensation: Core Compensation

ISS Accelerator - HPS Loyalty reward



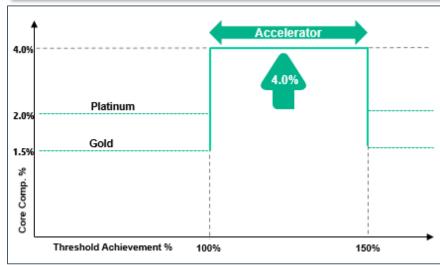
# No change compared to H215!

- Compelling Bonus for all Platinum\* & Gold Server\* driving HP Server growth ("Loyalty reward")
- Accelerator bonus is "on top" of Server Core Compensation
- Platinum & Gold earn same % @ Accelerator threshold
- Half yearly threshold & payment cycle

#### Key message "optimize your share with HP Server"

- Platinum: ISS Acceleration bonus doubled in H215 and continues in H1 FY2016
- Gold: upside for Gold Server partners (new compensation element as of H2 2015 – continuing in H1 FY2016)

#### **ISS Accelerator** Rebate % including Core compensation (applicable to 1st \$ exceeding sales threshold and cap @150% of threshold) 4.00% ISS Accelerator for sales above threshold + 2% on top of standard Core compensation (Platinum)\* + 2.5% on top of standard Core compensation (Gold)\* Eliqible PLs: UZ, 4Q, MV, SY, LA, PD, TN, SI, 4U, J3, 2M, FN, FE, FS, SH, 1T, 1V, 8V (New PLs)





### FY16: New Business Opportunity (NBO/DRP)

#### Re-cap: NBO

- HPE channel compensation to protect and reward resellers to proactively drive new business opportunities
- 3 business scenarios



#### What's in it for you?

- Deal protection : only one partner approved for NBO deals
- NBO paid as upfront discount: enhanced special pricing to increase deal profitability
- More for More: NBO discount % are related to PartnerReady Specialization

#### **Competitive Win**

NBO reward for a selective number of resellers to sell HPE within a predefined customer list

### Reseller compensation – summary

### Stability, Predictability, Simplicity

- 1st \$ sell out : no targets, no gates, no caps, unlimited earnings
- M4M: earnings aligned to Partner Ready membership status
- Cross BU alignment of EG compensation schemes

### No Changes

- ISS accelerator for Gold server specialists & Platinum
- Increased core comp on strategic PL's
- Reward new customer deals via NBO

### **Updates**

- HPS: new PL's PLs 1T,1V & 8V
- TS: pl 9X (Datacenter Care) added to Core Comp & NBO



### H1 FY16 reseller compensation @ a glance

**ISS Accelerator** 

**Specializations** 

HPS (ISS,BCS)

**Core Compensation** 

HPN

**HPSD** 

TS

Core Compensation

PLATINUM CI Specialist
GOLD Specialist
SILVER Specialist

4% @ acceleration	4% / 2%			
threshold *	3% / 1.5%			
N/A	1.5% / 0.75%			

4% / 3%
3.5% / 2.5%
2% / 1%

4% / 2.3%
3.5% / 2%
1.3% / 0.8%

Up to 6%
Up to 4%
Up to 2%

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**Hewlett Packard** 

Enterprise

PLATINUM CI Specialist
GOLD Specialist
SILVER Specialist

15	SS	HPN			
Standard Strategic			Standard	Strategic	
6% 9%		12% (PL FE)	10%	15%	
6	%	10%			

HF	PSD	В	CS	TS			
Standard	Strategic	Standard	Strategic	Standard	Strategic		
10%	15%	12%		10%	15%		
10%		N	N/A		10%		

#### Notes

- NBO % apply on "Indicative Buying Price"
- EG business partner who were eligible for NBO in FY15 will be eligible for FY16 NBO program:
- HPN PLs: 5%
- TS Attach to HPN PLs: 5%
- · Core Compensation % apply on List

- \* 4% ISS Accelerator for sales above threshold
- +2% vs Core compensation (Platinum)
- +2.5% vs Core compensation (Gold) ISS accelerator is capped @ 150% of threshold

# Thank you!



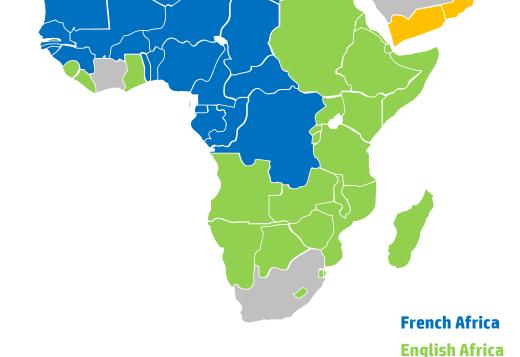
# Awakening the Experience



**EMERGING MARKETS PARTNERS@WORK 2016** 

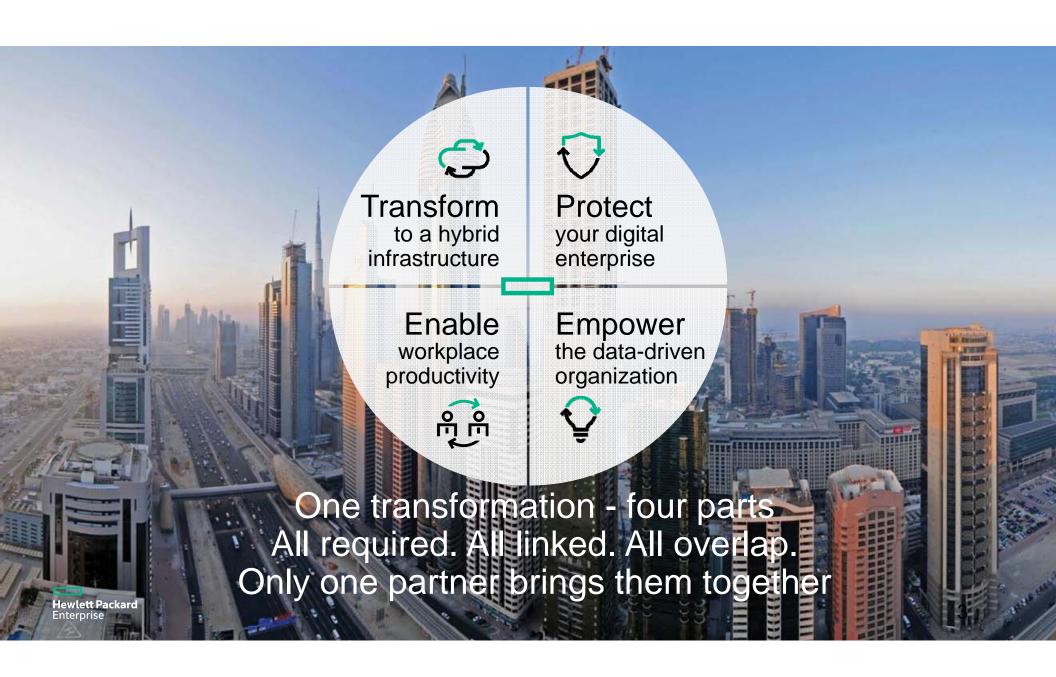
### **Emerging Markets FY15 highlights**

- Completed major milestones in transforming our Go-To-Market
- Kicked off the channel enablement plan across Emerging Markets
- Optimized coverage model built around the channel eco system
- Focused, strategic relationship with our loyal and specialized partners



**Gulf & Levant** 







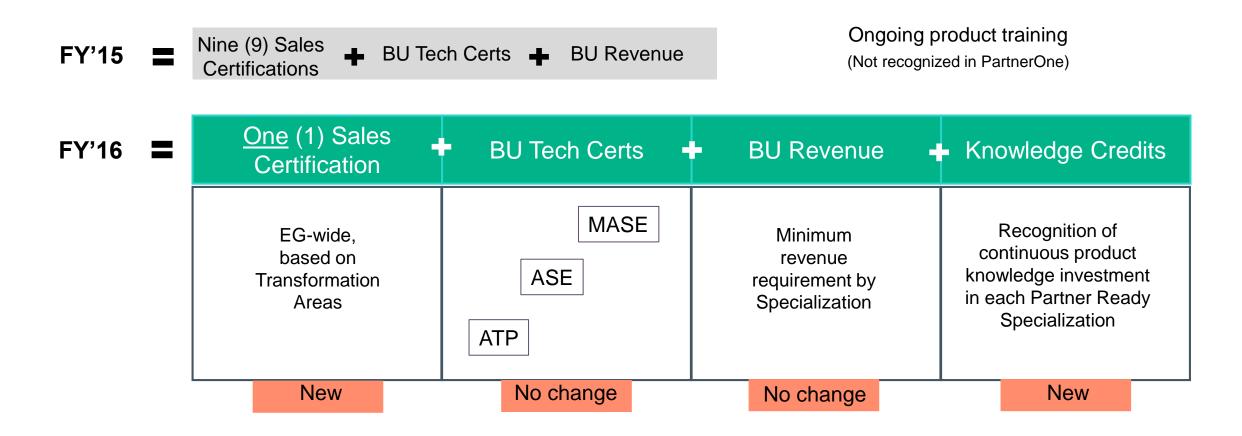
# Partner Enablement





### **Enhanced Partner Ready certification requirements**

**Introducing Knowledge Credits** 



### **EG 2016 New Sales Certification**

### **Increase Sales Pipeline**

#### 2016 Content Focus-

- Building pipeline
- Know the customer
- Identify opportunity
- Qualify the opportunity
- Practice real customer conversations
- Understand customer outcomes
- Know Transformation Areas
   Utilize real world case studies.



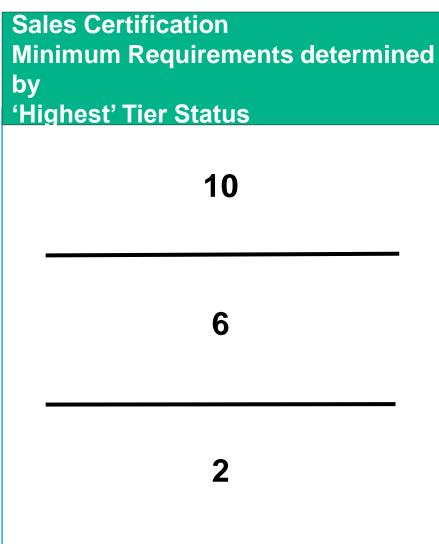
### **Training and Exam**

- Web Based Training 5 hours in duration
- Objective: to go beyond the traditional transaction selling model and demonstrate competency in solution selling
- Product sales specialty knowledge achieved through BU Knowledge Credits
- Online exam (HPE2-E65)
- Special exam created for workshop participants

# Sales Certification Partner Ready Requirements



Enterprise



**Example 1:** Partner is FY16 member for

Gold Storage
Silver Server
Gold Networking.

=> Highest level is *Gold*, thus min 6 individuals will need to have HPE – Sales Certified – Enterprise Solutions [2016] sales certification for compliance.

**Example 2:** Partner is FY16 member

for Silver Storage Silver Server

=> Highest level is *Silver*, thus min 2 individuals will need to have HPE – Sales Certified – Enterprise Solutions [2016] sales certification for compliance.

### Introduction of Knowledge Credits (1/2)

- Knowledge Credits are credit points recognizing partner employee investment in courses and events HPE makes available.
- Activities eligible for Knowledge Credits include Tech Talks, New Product Introduction (NPI) training, Sales
  Briefings, portfolio overview training and participation to major knowledge transfer events, such as HPE TSS
  (Technology & Solutions Event).
- Partner employees holding an <u>eligible certification</u> will receive a certain amount of "Knowledge Credits" for completing online activities and participation in selected Face-2-face training activities.
- Knowledge Credits need to be obtained and are consolidated on partner HQ company level.
- In general a 30 minute learning activity equates to 1 knowledge credit.
- The catalogue of Knowledge Credit eligible activities, available on the My Learning portal will be refreshed at regular intervals to ensure the latest and greatest learning opportunities.
- The catalogue has knowledge credit offerings for the Storage, Server, Networking, Cloud and Services portfolios.
   Knowledge credit targets are aligned to Partner Ready program membership.



### Introduction of Knowledge Credits (2/2)

- Knowledge credits can be earned from November 1<sup>st</sup> 2015 (start of Fiscal Year) by eligible people and knowledge credit target needs to be reached by the onboarding deadline (August 31<sup>st</sup> 2016). To ensure FY17 membership status.
- For new partners onboarding or working towards higher specialization status, knowledge credit targets will be reduced based on time of onboarding.
- A candidate partner can start earning knowledge credits before final membership status is reached, from the moment candidate status has been flagged.
- The eligible certifications to earn knowledge credits include the HPE Sales Certified Enterprise Solutions [2016]
  Certification or choice from a wide variety of technical certifications (ATP/ASE/MASE/Product Certified
  certifications). The list of eligible certifications can be found <a href="https://example.com/here/here/">here</a>.
- Knowledge Credits will not be awarded retro actively. If a certification was obtained after having completed an
  activity that has a knowledge credit value, credits will not be awarded afterwards.
- Anyone can take and complete an activity that awards Knowledge Credits. However, Knowledge Credits will not be awarded if an individual does not hold at least a qualifying certification before the start of the event.



### Who are eligible to earn Knowledge Credits?

Sales or Technical Certified Partner Professionals are able to earn credits

HPE Sales
Certified –
Enterprise
Solutions [2016]

OR

HPE
Technical
Certifications

ATP/ASE/MASE

Cloud Servers Storage Networking

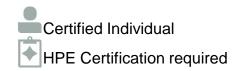
OneView

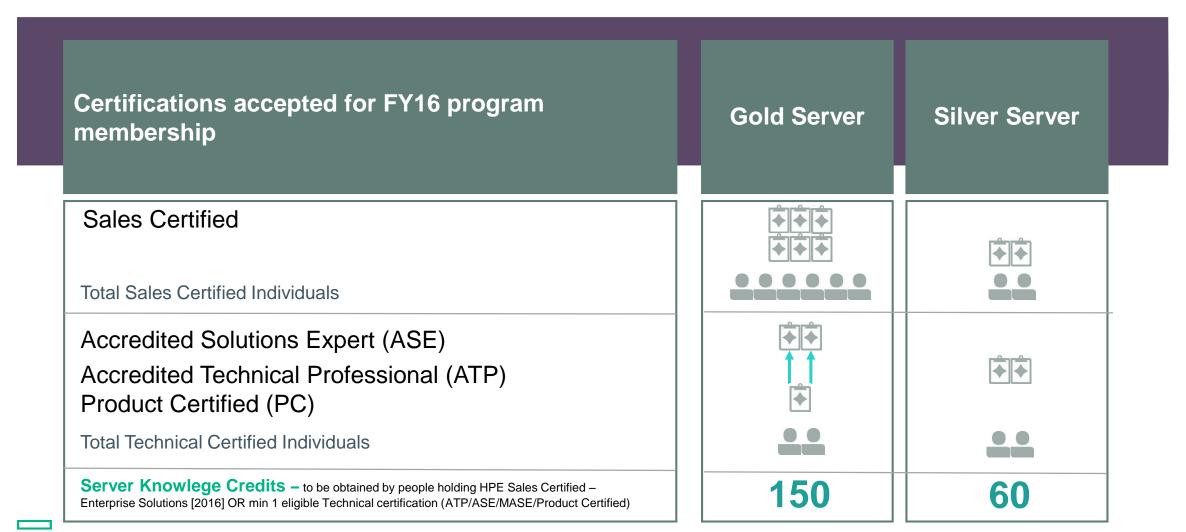
Software





# **FY16 Server Specialist requirements**





# **FY16 Silver Server Specialist**

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 member	ship	Supporting Courses		Exam	Comments for FY15 transitional partners	
Sales Certifica	ation							
			Option 1	01056515	5.5 Hrs/ WBT	HPE2-E65	Web Based	
Sales	2	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop/I LT	HPE2-E66 (Replacing HP2-E54)	Web Based	HP Sales Certified – Servers, Converged Systems and Services [2015] and HP Sales Certified – Converged Infrastructure [2014] no longer accepted
Technical C	Certification							
			New candidates	00930602	3 Days/ ILT – VILT	HP0-S41	Testing Center	
ATD	2			Alternative: Self-study guide			309 0011101	HP ATP - Server Solutions V1
ATP	2		Upgrade available for learners holding "HP ATP - Server	00930602	3 Days/ ILT – VILT	HP2-T29	Testing Center	no longer accepted
				Alternative: Self-stu	dy guide			



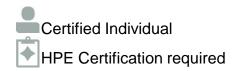
# **FY16 Gold Server Specialist**

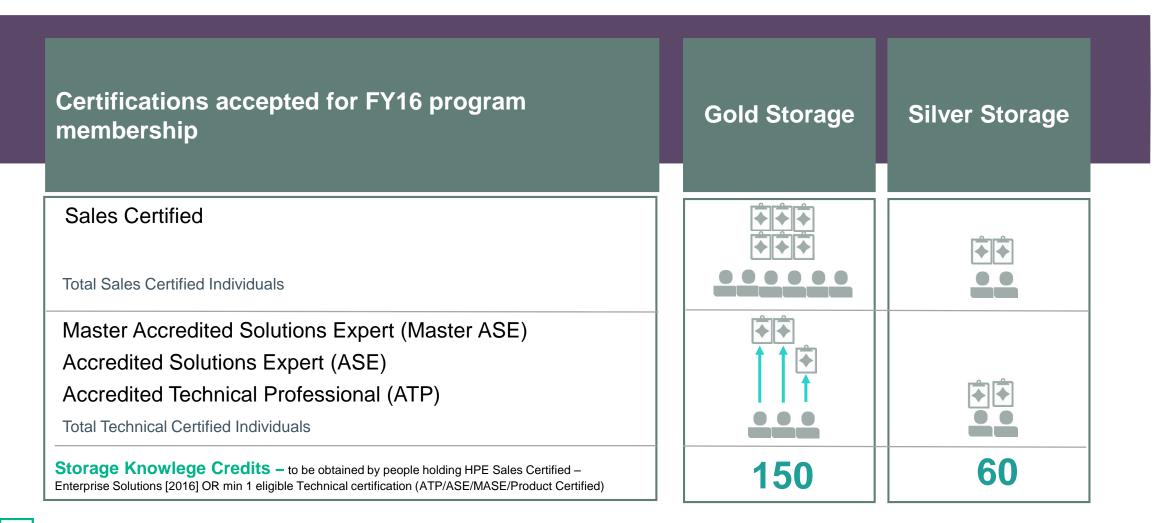
WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Pre-requisites for the certification	Supporting Courses Exam			Comments for FY15 transitional partners	
Sales Certific	Sales Certification							
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web Based	_
Sales	6	HPE Sales Certified - Enterprise Solutions [2016]	Note: attendance in min. 1 workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop/ILT	HPE2-E66 (Replacing HP2- E54)	Web Based	HP Advanced Sales Certified – Enterprise Server Solutions and Services [2014] no longer accepted
Technical Ce	ertification							<u> </u>
			HP ATP - Server Solutions V2	00949920	4 Days/ ILT	HP0-S42	Testing Center	
		HP ASE - Server Solutions Architect V2		Alternative: Self-study guide		111 0 0 12		_
		TIF ASE - Server Solutions Architect V2	Upgrade available for learners		erver Solutions Arc	hitect V8		
			holding:	■ IBM System	x certifications			_
ASE	2			00988731	4 Days/ ILT - VILT	HP0-S44	Testing Center	HP ASE - Server Solutions Architect V8 and HP ASE – Server Solutions Integrator
			HP ATP - Server Solutions V2	Alternative: S	self-study guide	111 0 044	resting Center	V8.1 no longer accepted
		HP ASE - ProLiant Server Solutions Integrator V2	Upgrade available for learners holding: "HP ASE - Server Solutions Integrator V8.1"	00988731	4 Days/ ILT - VILT	HP0-S45	Testing Center	
OneView Cer	rtification				<u> </u>			
Hewlett Paci				00960760	3 Days/ ILT	HP3-F18		N. 0:: 1
E <b>Otae)V</b> iieew	1	HP Product Certified - HP OneView 1.20 or newe		Alternative: S	Alternative: Self-study guide		Web Based	New Criteria for all partners

# **FY16 Storage Specialist requirements**





# **FY16 Silver Storage Specialist**

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membersh	nip	Supporting Co	ourses	Exam		Comments for FY15 transitional partners	
Sales Cer	tification							_	
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web Based	<u> </u>	
Sales	2	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	01064309 1 Day/ 01064909 Workshop/ILT		Web Based	HP Sales Certified – Converged Infrastructure [2014] and HP Sales Certified – Storage Solutions and Services [2014] or [2015] no longer accepted	
Technica	l Certification	on						<u></u>	
				00000000	xHrs/ WBT	HPX-XYZ	TBD		
ATP	2	HP ATP - Storage Solutions V2 (to be released March 2016)	Upgrade available for learners holding HP ATP – Storage Solution V1	01064171	12 Hrs/ WBT	HPE0-J75	Testing Center	*HP ATP Storage Solutions v1 no longer accepted	
		HP ATP — Storage Solution V1*  * V1 certification only accepted until April 30, 2016 for new partners onboarding		00729763	16 Hrs/ ILT	HP0-J73	Testing Centre	for transitioning into FY17 program; upgrade require to v2 for all partners	



# **FY16 Gold Storage Specialist**

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership		Supporting Courses		Exam		Comments for FY15 transitional partners
Sales Ce	rtification							
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web based	<b>~.</b>
Sales	6	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop/ ILT	HPE2-E66 (Replacing HP2-E54)	Web Based	HP Sales Certified – Converged Infrastructure [2014] and HP Sales Certified – Storage Solutions and Services [2014] or [2015] no longer accepted  HP Advanced Sales Certified - Enterprise Storage Solutions and Services [2015] no longer accepted  Continues on the nex



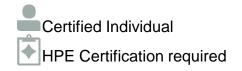
# **FY16 Gold Storage Specialist**

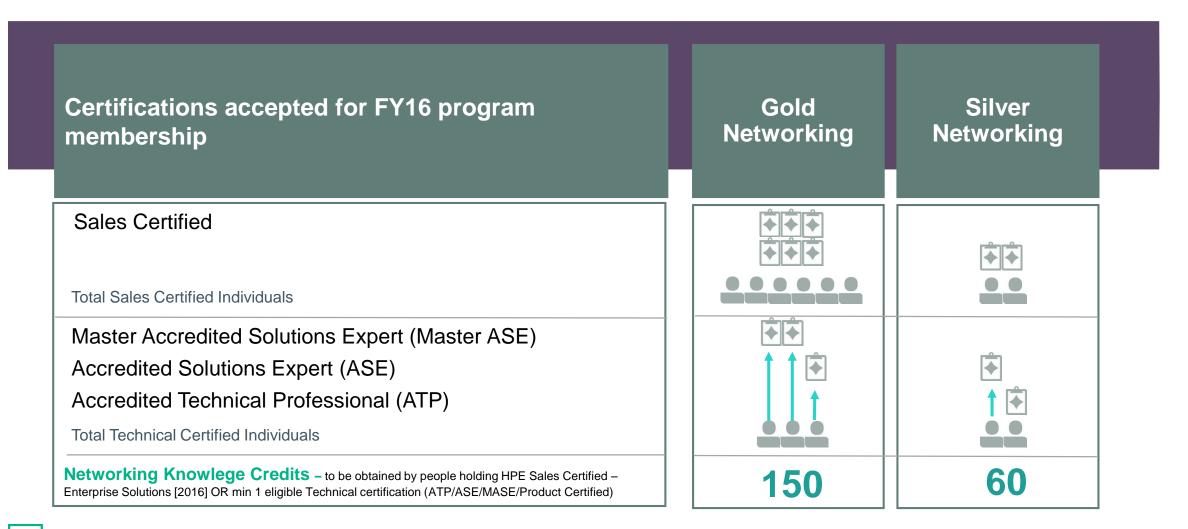
WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Pre-requisites for the # Exams Supporting Courses Ex Certification Required		Exam		Comments for FY15 transitional partners			
Technical A	ASE Certifica	tion								
			HP ATP Storage Solutions V1 OR	1	00729675	12 Hrs/ WBT	HP0-J63	Testing Center		
		HP ASE - Storage Solutions Architect v1.*	HP AIS - StorageWorks Integration [2011] (inactive) still accepted	2	00729772	32 Hrs/ ILT	HP0-J64	Testing Center	_	
		* V1 certification only accepted until April 30,	OR HPO-J62 (inactive) still accepted	3	00729670	12 Hrs /WBT	HP0-J65	Testing Center		
ASE	3	2016 for new partners onboarding	Upgrade available for learners holding:			Storage Works Ir	*HP ASE Storage Solutions Architect v1 no longer accepted for transition into FY17 program;			
		HP ASE - Storage Solutions Architect V2			00000000	xHrs/ WBT	HPX-XYZ	TBD	upgrade required to v2 for all partners	
		(to be released March 2016)	Upgrade available for learners holding HP ASE - Storage Solutions Architect v1		01064173	16 Hrs /WBT	HPE0-J78	Testing Center		
Technical N	MASE Certific	cation								
			HP ASE - Storage Solutions Architect v	<u>1</u>	00759555	16 Hrs/ ILT	HP0-J67	Testing Center	<b>A</b>	
MASE	previous slide	HP Master ASE - Storage Solutions Architect V1*  *V1 certification only accepted until April 30, 2016 for new partners onboarding	Upgrade available for learners holding:		■ HP Master	ASE - Storage S	olutions [2011		*HP MASE Storage Solutions Architect v1 no longer accepted for transition into FY17 program;	
	-	HP Master ASE - Storage Solutions Architect V2			00000000	xHrs/ WBT	HPX-XYZ	TBD	upgrade required to v2 for all partners	
<b>Hewlett Pa</b> Enterprise	lewlett Packard nterprise	(to be released March 2016)	Upgrade available for learners holding HP Master ASE - Storage Solutions Architect V1		01064175	12 Hrs/ WBT	HPE0-J80	Testing Center		

### **FY16 Networking Specialist requirements**





# FY16 Silver Networking Specialist (1/2)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Supporting Cou	Supporting Courses Exam			Comments for FY15 transitional partners	
Sales Cer	tification						I	
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web based	<u> </u>
Sales	2	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop/ILT	HPE2-E66 (Replacing HP2-E54)	Web based	HP Sales Certified – Converged Infrastructure [2014] and HP Sales Certified – Networking Solutions and Services [2014] or [2015] no longer accepted
Technica	ıl Certifica	tion						
				00958712 Alternative: §	3 Days/ ILT Self-study guide	HP0-Y52	Testing Center	Continues on the next s
ATP	2	HP ATP - FlexNetwork Solutions V3		Fast track ava holding:	lable for learners	Cisco CCNA CCDP, 3CON Juniper (HP2 Track exam)	<u>/I, H3C</u> or	No changes



# FY16 Silver Networking Specialist (2/2)

WBT = Web-based training

ILT = Instructor-led training

VILT = Virtual Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Pre-requisites for the certification	# exams required	Supporting cours	se	Exam		Comments for FY15 transitional partners
ASE certif	ications	choice between							
				1	00887054 alternative: self-si	4 Days/ ILT	HP0-Y50  HP0-Y45 still accepted	Testing Center	
					00991245	4 Days/ ILT	HP2-Z38 (SDN)	Web Based	
			HP ATP - FlexNetwork Solutions V3	2	00908176	4 Days/ ILT	HP2-Z32 (Data		-
		HP ASE - FlexNetwork Architect V2		Choose 1*	alternative: self-si	tudy guide	Center)	Web Based	
				0.1555	Aruba Mobility Boot Camp	5 Days/ ILT	3rd Party (WIRELESS)	Testing Center ACMP Reference Guide	<u> </u>
			<ul> <li>Aruba (ACMP)</li> <li>HP ASE - FlexNetwork Arcl</li> <li>HP ASE - Network Infrastru</li> <li>HP ASE - Wireless Networ</li> <li>Third party certifications (Ci</li> </ul>		- FlexNetwork Architect \ - Network Infrastructure   - Wireless Networks Imp	[2011] or HP AS blementer v1	E - Wireless Netwo	rks [2011]	HP ASE – Network Architect v1 and HP ASE – Wireless Networks
ASE	1			4	00832513	5 Days/ ILT	HP0-Y47	T " 0 '	Implementer v1
				1	alternative: self-study guide		HP0-Y43 still accepted	Testing Center	no longer accepted
			LID ATD. Floodletoned Colorinos VO		00991245	4 Days/ ILT	HP2-Z38 (SDN)	Web Based	
			HP ATP - FlexNetwork Solutions V3	2	00908176	4 Days/ ILT	HP2-Z34	Web Based	
				Choose 1*	alternative: self-si	tudy guide	(Data Center)		
		HP ASE - FlexNetwork Integrator V1		Onload 1	Aruba Mobility Boot Camp	5 Days/ ILT	3rd Party (WIRELESS)	Testing Center ACMP Reference Guide	
			Upgrade available for learners holding	HP ASE	ACMP) E - FlexNetwork Architect \ E - Network Infrastructure   E - Wireless Networks Imparty certifications (Cisco, H				

# FY16 Gold Networking Specialist (1/3)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Supporting Courses		Exam		Comments for FY15 transitional partners		
Sales Certifica	ation								
			Option 1	01056515	5,5Hrs/ WBT	HPE2-E65	Web based		
Sales	6	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1Day/ Workshop	HPE2-E66 (Replacing HP2-E54)	Web based	HP Sales Certified – Converged Infrastructure [2014] and HP Sales Certified – Networking Solutions and Services [2014] or [2015] no longer accepted  Continues on the nex	



# FY16 Gold Networking Specialist (2/3)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Pre-requisites for the certification	# exams required	Supporting cour	se	Exam		Comments for FY15 transitional partners
ASE certif	ications	choice between							
				1	00887054	4 Days/ ILT	HP0-Y50  HP0-Y45 still	Testing Center	
					alternative: self-s	tudy guide	accepted		
					00991245	4 Days/ ILT	HP2-Z38 (SDN)	Web Based	
			HP ATP - FlexNetwork Solutions V3	2	00908176	4 Days/ ILT	HP2-Z34 (Data	Web Based	
				Choose 1*	alternative: self-s	tudy guide	Center)		
		HP ASE - FlexNetwork Architect V2			Aruba Mobility Boot Camp	5 Days/ ILT	3rd Party (WIRELESS)	Testing Center ACMP Reference Guide	
			Upgrade available for learners holding	g: <u>HP ASE</u> • <u>HP ASE</u>	<ul><li>- FlexNetwork Architect \</li><li>- Network Infrastructure  </li><li>- Wireless Networks Imp</li></ul>	FlexNetwork Architect V1 Network Infrastructure [2011] or HP AS Wireless Networks Implementer v1 y certifications (Cisco, H3C or Juniper)		rks [2011]	HP ASE – Network Architect v1 and HP ASE – Wireless Networks
ASE	3			4	00832513 5 Days/ ILT		HP0-Y47	Tacting Contar	Implementer v1
				'	alternative: self-s	tudy guide	HP0-Y43 still accepted	Testing Center	no longer accepted
			HP ATP - FlexNetwork Solutions V3		00991245	4 Days/ ILT	HP2-Z38 (SDN)	Web Based	
			HP ATP - Flexivetwork Solutions V3	2	00908176	4 Days/ ILT	HP2-Z34	Web Based	
				Choose 1*	alternative: self-s	tudy guide	(Data Center)		
		HP ASE - FlexNetwork Integrator V1		<b>CC</b>	Aruba Mobility Boot Camp	5 Days/ ILT	3rd Party (WIRELESS)	Testing Center  ACMP Reference  Guide	
			Upgrade available for learners holding	g: <u>HP ASE</u> <u>HP ASE</u>	ACMP) - FlexNetwork Architect \ - Network Infrastructure   - Wireless Networks Impry certifications (Cisco, F	rks [2011]			

# FY16 Gold Networking Specialist (3/3)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Pre-requisites for the certification	Supporting course		Exam		Comments for FY15 transitional partners
MASE ce	rtifications							
			HP ASE - FlexNetwork Architect V2	00991245 (SDN)	4 Days/ ILT			<u> </u>
MASE	2	HP Master ASE - FlexNetwork Solutions V2	OR HP ASE - FlexNetwork Integrator V1	00908176 (Datacenter)	4 Days/ ILT	HPE0-Y53	Testing Center	HP MASE –Network Infrastructure
IVIASE	2	HP Master ASE – FlexNetwork Solutions V1 still accepted		Alternative: HP Master	r ASE eBook bundle			HP MASE – Wireless Networks
		ассеріви	Upgrade available for learners holding :	<ul> <li>Cisco, H3CSE or Junip</li> <li>HP Master ASE - Netw Networks Implementer</li> </ul>	vork Infrastructure [20	11] / HP Master AS	E - Wireless	Implementer v1 no longer accepted

### FY16 Platinum Converged Infrastructure Specialist requirements

Platinum Converged Infrastructure criteria for FY16 program membership

To obtain Platinum level, partner needs to meet Sales Certifications and obtain Gold membership status in 4 EG Hardware specializations

#### Sales Certified

**Total Sales Certified Individuals** 

No specific technical certification nor Knowledge Credit criteria on top of Gold Specialist criteria

**Knowlege Credits** – to be obtained by people holding HPE Sales Certified – Enterprise Solutions [2016] **OR** min 1 eligible Technical certification (ATP/ASE/MASE/Product Certified)



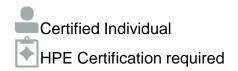
And
Gold Storage Specialist
And
Gold Networking Specialist
And
Gold Services Specialist

**Gold Server Specialist** 

Meet all Gold level Knowledge Credit criteria



### FY16 Cloud Builder Specialist requirements





Sales Certified

Total Sales Certified Individuals

Master Accredited Solutions Expert (Master ASE)

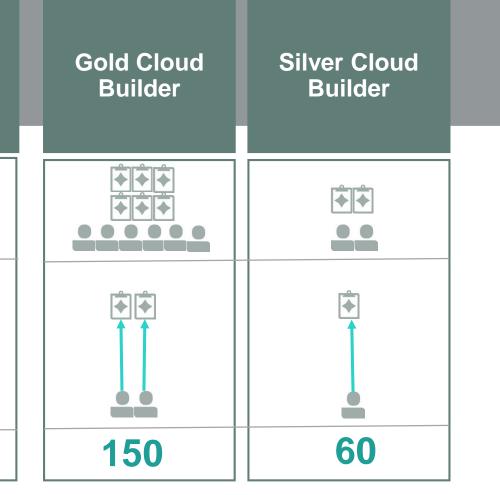
OR

Accredited Solutions Expert (ASE)

Accredited Technical Professional (ATP)

Total Technical Individuals

**Cloud Knowlege Credits** – to be obtained by people holding HPE Sales Certified – Enterprise Solutions [2016] OR min 1 eligible Technical certification (ATP/ASE/MASE/Product Certified)



### **FY16 Silver Cloud Builder Specialist**

WBT = Web-based training
ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Supporting Courses		Exam			Comments for FY15 transitional partners
Sales Certifica	ation			,				
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web Based	_
Sales Technical Cer	<b>2</b>	HPE Sales Certified - Enterprise Solutions [2016] Choice between	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop	HPE2-E66 (Replacing HP2-E54)	Web Based	NEW CRITERIA!
		HPE ATP - Data Center and Cloud V2 (NEW)		01045284	2 Days/ ILT	HPE0-D33	Testing Center	
ATP	1	HP ATP - Data Center and Cloud V1		00936431	2 Days/ ILT- VILT	HP0-D30	Testing Center	NEW CRITERIA!
		HP ATP - Operations Orchestration v10		00893762	4 Days/ ILT	HP0-M73	Testing Center	-
		HP ATP – Server Automation v10		01046690	5 Days/ ILT	HP0-M74	Testing Center	_
		HP ATP - Cloud Service Automation v4		00962724	4 Days/ ILT	HP0-M100	Testing Center	



### FY16 Gold Cloud Builder Specialist (1/2)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership		Supporti	ng Courses	Exam		Comments for FY15 transitional partners
Sales Certifica	ation							
			Option 1	01056515	5,5 Hrs/ WBT	HPE2-E65	Web Based	
Sales	6	HPE Sales Certified - Enterprise Solutions [2016]	Option 2  Note: attendance in min. 1  workshop is obligatory in order to obtain the certification	01046773 01064309 01064909 01064910	1 Day/ Workshop	HPE2-E66 (Replacing HP2-E54)	Web Based	HP Advanced Sales Certified – Cloud, Converged Systems Solutions and Services [2014] and HP Advanced Sales Certified – HP Helion Cloud Solutions and Services [2015]  no longer ac Continues on the n



### FY16 Gold Cloud Builder Specialist (2/2)

WBT = Web-based training

ILT = Instructor-led training

Criteria	# people	Certifications accepted for FY16 membership	Prerequisites for this certification		Supporting Courses Ex		Exam		Comments for FY15 transitional partners
Technical Certific	cation								
			HP ATP - Data Center a	nd Cloud V1	00936427	3 Days/ ILT VLAB	- HP0-D31	Testing Center	
					alternative: self-study guide		<u>le</u>		
		HP ASE - Data Center and Cloud Architect V2	Upgrade available for learners		■ HP ASE	- Cloud Archi	ect v1 and v2		
			holding		■ HP ASE	<ul><li>Converged</li></ul>	nfrastructure V1		
					01045403	3 Days/ILT	HPE0-D34	Testing Center	
		HPE ASE - Data Center and Cloud Architect V3 (NEW)	Upgrade from HP ASE - Data Center and Cloud Architect V2 or V1		01046079	2 Days/ILT	HPE0-D35	Testing Center	
		HP Master ASE – Data Center and Cloud Architect V1	No formal		00936427	3 Days/ ILT VLAB	HP0-D32	Testing Center	Minimum A in dividual manage health are a CO.
Technical	2		prerequisite certifications are required, but application needs	Both required	alternative: self-study guide		_	resting Center	Minimum 1 individual must hold one of recent HP Software for Cloud Managem
Certified							IP0-D22 or HP0- id entrance exan AND		Certifications
			to be submitted and approved.		00908011	3Ds/ ILT	HP0-D19	Board Exam	
		1 of the Technical certifications must be HP S	Software for Cloud Ma	nagement	Certificatio	on .			
		HP ATP – Server Automation v10	N/A		01046690	5 Ds/ ILT	HP0-M74	Testing Center	
		HP ATP - Operations Orchestration v10	N/A		00893762	4 Ds/ ILT	HP0-M73	Testing Center	
		HP ATP - Cloud Service Automation v4	N/A		00962724	4 Ds/ ILT	HP0-M100	Testing Center	
		HP ASE - Server Automation v10	N/A		01046690	5 Ds/ ILT	HP0-M209P	Performance Based (Testing Center)	
Hewlett Packard	d	HP ASE - Operations Orchestration v10	N/A		00893762	4 Ds/ ILT	HP0-M205P	Performance Based (Testing Center)	



# Thank you