



# Revitalized & reenergized, a platform ready for the future

Ian Inglis, Nonstop Product Management

eGTUG Munich

April 15, 2026

# Agenda

---

**00** The Nonstop Value Proposition, platform journey, roadmap highlights

---

**01** Converged Systems – revitalized, lifecycle update

---

**02** Security – evolved databases, vulnerability management

---

**03** Nonstop as a Service – hybrid, cloud optionality

---

**04** Manageability – opened

---

**05** Middleware – simplified

---

**06** Services – standardized

---

**07** Education – revitalized, talent development

---

**08** TBC 2026 – reimagined

---

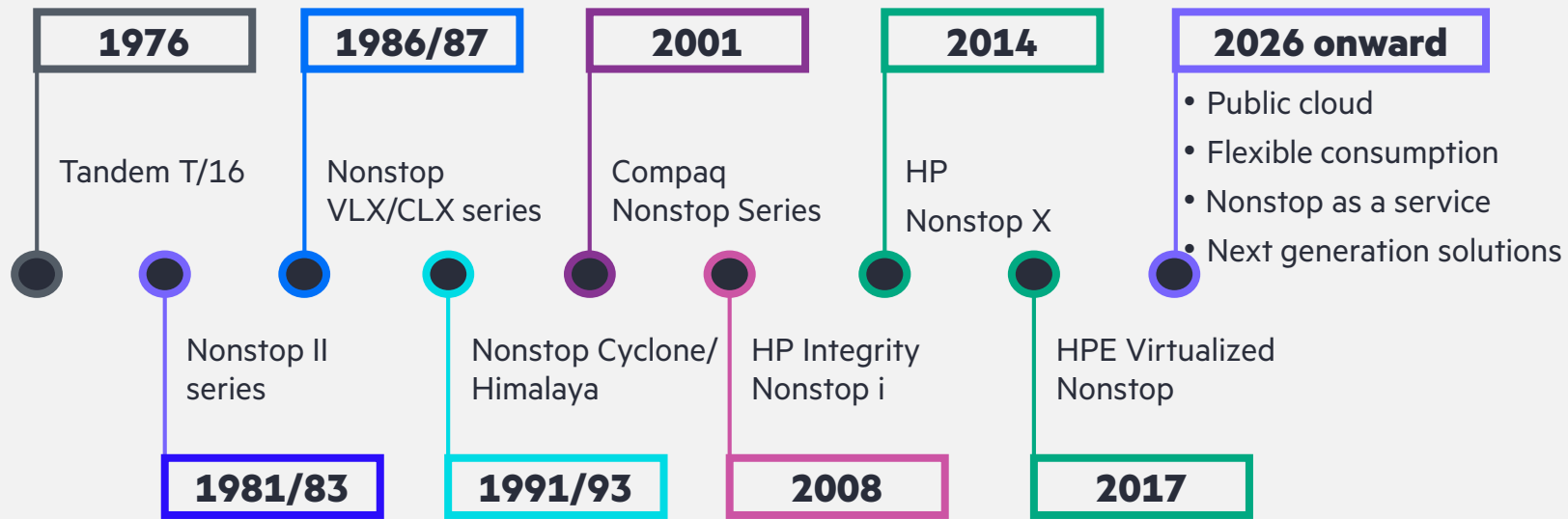


# An enduring value proposition

HPE Nonstop offers a fault-tolerant, scalable, and secure computing platform designed for mission-critical applications that require continuous availability and data integrity. Integrating hardware, software, and database components to deliver near-zero downtime and operational efficiency.



# The platform journey



Sustained value

Integrated

Friction free

Optionality

# HPE Nonstop roadmap highlights

	Current		Next		Future	
<b>Workload Solutions</b>	Real-time Analytics	Smart Manufacturing	Counter Fraud	Smart Manufacturing	Future Workload Solutions	
	Digital Payments	Digital Resilience	Nonstop as a Service			
<b>Core Platform</b>	Nonstop OS L25.09.01	Vulnerability Scanner	Nonstop OS	Vulnerability Scanner	Transparent File Encryption	Transparent Data Encryption
	SQL/MX 4.0	Kernel Level Threading	Transparent File Encryption	Transparent Data Encryption	Nonstop OS	
<b>Infrastructure Solutions</b>	Platforms NS5 X5 NS9 X5	Pay-per-use on GreenLake	Platform solutions, next generation	OpenTelemetry	Platform solutions, next generation	OpsRamp for Nonstop
	Virtualized Nonstop - VMware		Virtualized Nonstop - KVM	Nonstop aaS in Cloud (custom HW)	Nonstop aaS in Cloud (general fleet)	

Shipping
  Planned
  Investigation

# Converged Solutions – revitalized



## **NS4/NS8 X4**

## **NS5/NS9 X5**

## **NSX**

## **NSX+1**

### **CPU/CLIM**

Gen10 DL360/DL380

Gen11 DL360/DL380

Gen12 DL360/DL380

Gen13

### **Processor**

Cascade Lake

Sapphire Rapids

Granite Rapids

TBD

### **Memory**

64-256GB (DDR4)

256-512GB (DDR5)

DDR5

DDR5

### **Fabric**

ConnectX-6 (HDR100)

ConnectX-7 (HDR200)

RoCE

RoCE

### **Storage**

DS3710 (Direct)

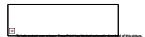
DS3710 (Direct)

MSA2070 (SAN)

SAN

# System lifecycle summary

- NS4 and NS8 system add-ons through 2026
- Anticipate typical HPE Nonstop Compute End-of-Support-Life for the NS4 X4 and NS8 X4 to be End-of-Sales plus 5 Years, 2030
- Reminder: NS3 X3 and NS7 X3 End-of-Support-Life is October 2026



Converged Systems

Key Sales & Support Dates

# Security

**Transparent Data Encryption** delivers database-native, compliant **data-at-rest protection for SQL/MX** — without disrupting applications or operations.

## Core capabilities today

- Database-native encryption at rest
- No application changes required
- Designed for PCI DSS 4.0, GDPR, DORA
- Online enablement and key rotation
- Encryption managed within the database
- Enterprise key management integration

## What's next?

**Transparent File Encryption** brings modern, compliant data-at-rest security to **Enscribe**.

Evolved

# Security

**XYGATE Aegis Scan** makes HPE Nonstop visible to enterprise vulnerability management by identifying applicable CVEs and remediation steps—without impacting system performance.

## **Core capabilities today:**

- Creates an accurate software inventory
- Identifies applicable CVEs
- Provides remediation information
- Generates audit-ready reports
- Integrates with enterprise vulnerability management platforms

## **What's next?**

Expanding automation, deeper enterprise integration and more actionable CVE data so customers can scan more frequently and fully integrate HPE Nonstop into their vulnerability management programs.

# Integrated

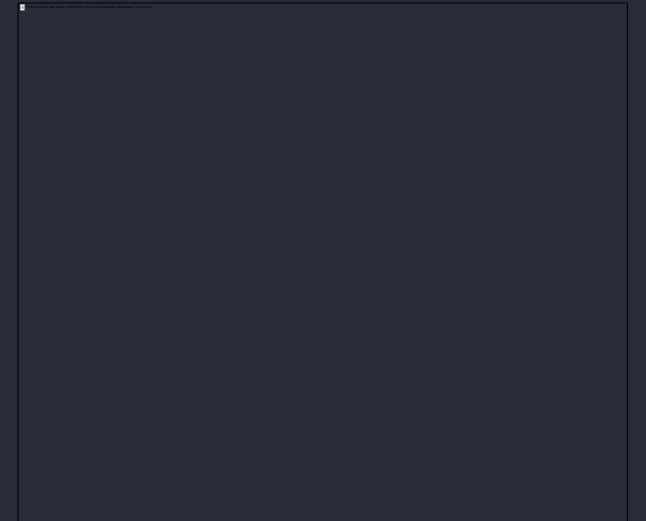
# Nonstop as a Service

**Nonstop as a Service** is within sight, and as we ready it for production, each business should consider & assess their future needs and the flexibility this offer will provide. One environment for the attributes that favor the core functions and a cloud environment for innovation driven layers.

## Things to consider:

- **Availability & Resiliency**; shared responsibility with cloud provider
- **Latency & Predictability**; deterministic latency under peak load and failure conditions; optimized for real-time, irrevocable transactions (RTP)
- **Regulatory & Operational Control**; data residency, audit boundaries, and sovereignty
- **Cost Model at Scale**; consumption-based pricing attractive initially but can become opaque and expensive at sustained scale
- **Agility & Time-to-Market**; strong fit for rapid innovation, APIs, analytics, fraud, and digital channels
- **Operational Model**; reduced infrastructure ownership; operations abstracted via platform or PaaS offerings

# Hybrid



# Cloud Optionality



	<b>Today</b>	<b>Future</b>	
<b>Provider</b>	Google (GCVE)	Azure AWS	GCP
<b>Infrastructure</b>	vNS RoCE Ref. arch.	Azure – General Fleet AWS – General Fleet NVRDMA (TCP/IP)	GCP – General Fleet
<b>Deployment</b>	vRealize Orchestrator VMConfig	HPE Managed Services VMConfig Azure VMConfig AWS	HPE VM Essentials HPE Morpheus
<b>Hypervisor</b>	VMware Ubuntu KVM	Hyper-V (Azure) Nitro (AWS) RHEL KVM	Google KVM

# Manageability

## Open Telemetry

- A Cloud Native Computing Foundation open-source project
- Interoperability with multiple observability platforms
- Unified framework for instrumenting & collecting telemetry data
- Standard tools for integration across diverse environments
- Simplifies monitoring & troubleshooting
- Deeper performance insights through standardized data

## What's next?

- Nonstop Observability Adapter will extend monitoring to modern observability ecosystems by exporting data to Open Telemetry-compatible enterprise platforms
- Collects telemetry data directly from Nonstop systems
- Includes metrics, logs and traces

Open

# Middleware

**HPE Nonstop API Gateway** is a secure, API integration layer that exposes and consumes REST API's allowing mission critical Nonstop applications to participate in modern, API-driven architectures—without rewriting the core applications.

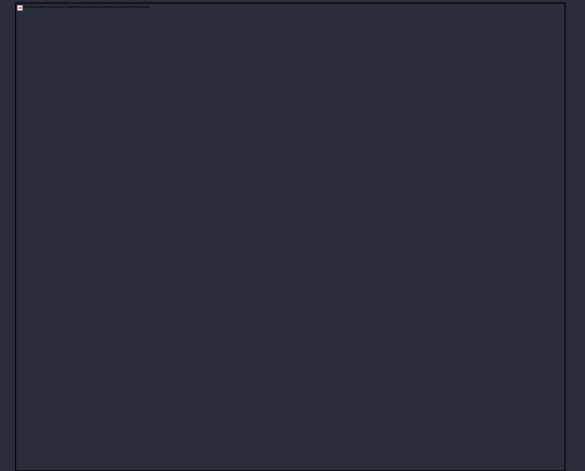
## **Core Capabilities today**

- Centralized Management with API Gateway Manager
- Modern Web-Based Interface
- Integrated Security Management

## **What's next?**

- Integrate the Hawtio tool with the API Gateway Manager.
- Add support for GraphQL and gRPC protocols
- Enable access to Enscribe files via REST APIs
- Enhance the Dashboard to gain actionable insights

# Simplified



# Services

## **Prior Services Portfolio**

Multiple support options created over time  
Proactive and reactive services bundled in different ways  
Support structure different from other HPE platforms  
Harder to understand and compare support choices

## **New Services Portfolio**

### **Proactive support -> HPE Complete Care**

- Ready-to-use support packs
- Customized support for complex environments

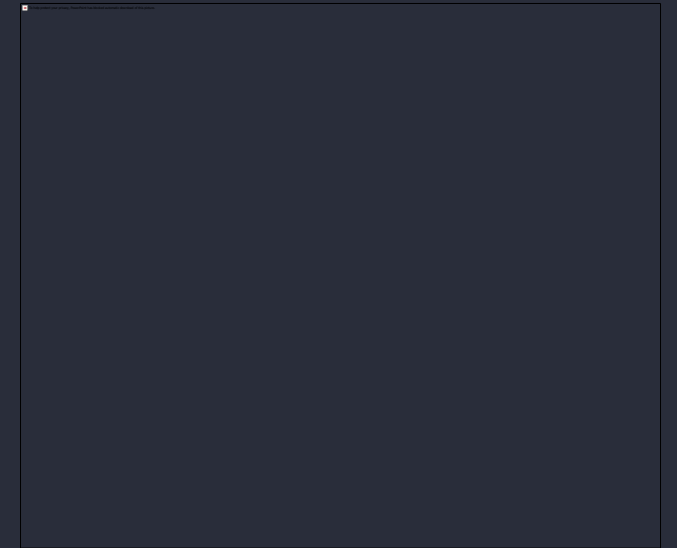
### **Reactive support -> HPE Tech Care for Nonstop Compute**

- Clear response choices aligned to business impact

### **What this means for customers:**

- Clearer support choices
- Same trusted Nonstop expertise
- Consistent experience across HPE platforms

# Standardized



# Education

## **HPE Education** is now reinvigorated to provide **modernized course curriculum & Learning Paths**

- Hands-on Learning through Practice Labs offered for free
- Introduction of Digital Badges for skills validation
- New Flexible and Customized Training options
- Broader Access & Self-Paced eLearning Enhancements
- Strengthened Market & Community Engagement

## **What's Next?**

- Refresh and ongoing curriculum updates
- Build a more immersive, hands-on learning approach
- Compact, easily accessible workshops
- Next-Generation Nonstop workforce development
- A central part of the Talent Development program

Revitalized

# Talent Development

## Talent Pipeline Survey Summary



Free/low-cost software for universities



University partnerships and internships



Modern training and certification



Share success stories



Invest in AI and innovation





# Why you should attend Nonstop TBC 2026

**CONNECT** Your Independent  
Hewlett Packard Enterprise  
Technology User Community

**Nonstop Technology & Business Conference**  
September 15-17, 2026 | Orlando, Florida

**Registration is open**

Registration is now open for the Nonstop Technology & Business Conference 2026, taking place September 15-17 at the Rosen Plaza in Orlando, Florida

**What's new this year:**

- New Early Bird Registration Price: \$895
- Expanded Business Track alongside the technical program
- Special hotel rate of \$181 (including tax)
- Return of HPE Education on Sept. 14, with expanded learning opportunities

Subject to change without notice

## **Real World Customer Insight**

Learn from peers running payments and other mission-critical workloads about modernization, risk reduction, and operational resilience—what worked, what didn't, and why.

## **Business + technical alignment**

Content designed for both executives and architects—connecting business drivers with safe, practical implementation approaches.

## **Depth on what matters to Nonstop environments**

Sessions designed for both executives and architects—connecting business drivers with safe, practical implementation approaches.

## **Direct access to Nonstop experts**

Engage with HPE Nonstop product management and engineering to understand platform direction, roadmap priorities, and architectural design trade-offs—straight from the source.

# Suggested Nonstop Business Unit Sessions

Wed 3:25PM – KLT Application Development & Porting standard apps – Lars Plum

Wed 4:15PM – Engineering Update – Arun Fernandes

Thu 10:05AM – The Art of the Possible, What's New – Franz König

Thu 10:05AM – Shaping the future: Nonstop as Service solutions – Vanessa Kaupp

Thu 1:30PM – HPE Nonstop software roadmap – Prashanth Kamath

Thu 4:00PM – Public Cloud – Customer examples/solutions/benefits – Prashanth Kamath

# Thank You

