Edge to Cloud with SAS Analytics
End to end infrastructure for SAS, from edge to cloud

Kannan Mani, Global Master Technologist – Data & Analytics Platforms
Redefine experiences and create smarter operations

- Protect and enhance operations with video analytics
- Predict failures before they occur
- Tailor building experiences to users and apps
- Connect patients and caregivers
- Track inventory in real-time to speed response
- Create personalized, engaging events and experiences
- Keep connected workers safe

Edge-Centric → Data-Driven → Cloud-Enabled
End to End Data Pipeline with SAS on HPE

“IoT Edge”
Edge Processing of data in motion

“Streaming Analytics”
Core Processing of data in motion

“Big Data”
Analysis of data at rest

“AI”
Deep Learning/Machine Learning

“Visualization”
Data Lake, Data Science, Machine Learning

“Storage & Databases”
SAS Vya, Hadoop, HPE Apollo 6500 (Gen10)

Additional Data Sources
- Web site: Clickstreams, logs
- Social Media: Twitter, FB, Google
- External: Govt, Mkglg, Financial, Supplier

HPE DL380 Gen10
HPE Apollo 2000 Gen10 (Compute-optimized)
(HPE Apollo 6500 (Gen10))

HPE Synergy
GPU-Accelerated

HPE Synergy

SAS Event Stream Processing

SAS Vya Advanced Analytics Platform

SAS Vya Deep Learning/Al
Visual Data Mining/Machine Learning

SAS Data Connector
Deep Learning

New Models

Data Scientists

HPE Synergy/SDF

3PAR

Nimble

HPE Apollo (Storage-optimized)

DataOps

DevOps/Data Engineers

Hewlett Packard Enterprise

“Business Systems”
ERP, CRM, SCM, BI, Mail, HR
HPE Global IoT Innovation Labs – for Edge-to-Cloud solutions

Partner & customer engagement
– ideation, development, test, cert., & deployment support


- HPE Reference Configuration for edge to cloud with SAS Analytics
Thank you

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