For Microsoft centric customers

- Cloud management today
  - Focus on tenant workloads and cloud based applications
  - Multiple tools needed to get a comprehensive view of their hybrid cloud
- With HPE OneView for Azure Log Analytics
  - Brings visibility into the underlying infrastructure
  - Integrated tool for hybrid cloud management
MICROSOFT HYBRID CLOUD MANAGEMENT PLATFORM
Runs in Azure public cloud, manages cloud and on-premises resources

Log analytics
- Collect, correlate, search, and act on log and performance data
  - HPE OneView integration

Automation
- Orchestrate complex and repetitive operations
  - HPE OneView integration

Availability
- Backup, replication, failover, and recovery of on-premises VMs and physical servers

Security
- Identify, assess, and mitigate infrastructure security risks
HPE ONEVIEW FOR MICROSOFT AZURE LOG ANALYTICS (OV4ALA)

Brings the native manageability of HPE hardware to ALA managed environments

- Ideal for customers who are using Azure Log Analytics for their hybrid cloud management
  - Azure Log Analytics is part of the Microsoft Azure Monitor suite
- Manage on-premises HPE infrastructure with the same Microsoft tools used for cloud services
- Brings visibility of the underlying HPE infrastructure into Azure Log Analytics
  - Hardware and firmware inventory
  - Infrastructure health and status
  - Long term event correlation and trend analysis
- Highly customizable and extensible with HPE OneView and HPE Synergy

Provides a bridge between Microsoft cloud management services and HPE hardware infrastructure
PACKAGING AND LICENSING

- Two components
  - HPE OneView for ALA Solution is posted on Microsoft Azure Marketplace
  - HPE PowerShell Module is available from Software Depot
- Licensed as part of HPE OneView and HPE Synergy
  - No fees charged for downloading the solution from the Azure Marketplace
- Microsoft Azure and Log Analytics licensing and usage fees are customer's responsibility and not included with HPE OneView for Microsoft Azure Log Analytics
HPE POWERSHELL MODULE FOR LOG ANALYTICS

- HPE PowerShell Module performs automated data collection from HPE OneView/Synergy
  - Automation Runbook drives generation of data collection from HPE OneView/Synergy
  - Uses Azure security infrastructure to manage credential assets such as HPE OneView/Synergy
- Acts as a proxy between HPE OneView/Synergy and Azure Log Analytics
  - Periodically queries HPE OneView/Synergy for data and sends to Azure Log Analytics
- Runs on-premises
  - Must have access to both HPE OneView/Synergy and Microsoft Azure Log Analytics
  - Works in conjunction with Microsoft Monitoring Agent for Azure
  - Can communicate with multiple instances of HPE OneView/Synergy, and with multiple instances of Azure Log Analytics
  - Runs on a physical server or VM
HPE SOLUTION FOR LOG ANALYTICS

• Runs in customer’s Log Analytics workspace in Azure public cloud
  • Manage multiple instances of HPE OneView/Synergy from one Log Analytics workspace
• Azure Resource Manager (ARM) templates that defines HPE dashboards
• HPE solution consists of 3 dashboards
  • HPE OneView for ALA Solution dashboard
    – HPE hardware inventory with HPE infrastructure health, alerts, and status
  • HPE OneView for ProLiant Azure Stack dashboard
    – Consolidated view of ProLiant Azure Stack clusters
  • HPE Server Hardware dashboard
    – Drill down into individual server memory modules and drives
• Provides sample analytical searches enabling visualization and analysis of HPE OneView/Synergy managed assets
• Also defines automation runbooks for Azure Automation
  • Used to schedule periodic data collection by on-premises HPE PowerShell Module
  • HPE OneView/Synergy credentials managed by Azure Security
HPE DASHBOARDS

- HPE OneView for Log Analytics
  - Overall HPE infrastructure
- NEW - Azure Stack Scale Unit
  - View Azure Stack cluster components
- NEW - Server Hardware
  - Component level monitoring
LOG SEARCHES

- Powerful query language for analysis and trend correlation
- HPE provides a set of pre-defined saved queries that can be easily customized
- Combine HPE specific records with any other data in Log Analytics
  - E.g. HPE data + VM + OS + app
THANK YOU