



**Hewlett Packard
Enterprise**

Ease your hybrid cloud management with HPE OneView for Microsoft Azure Log Analytics

HPES09

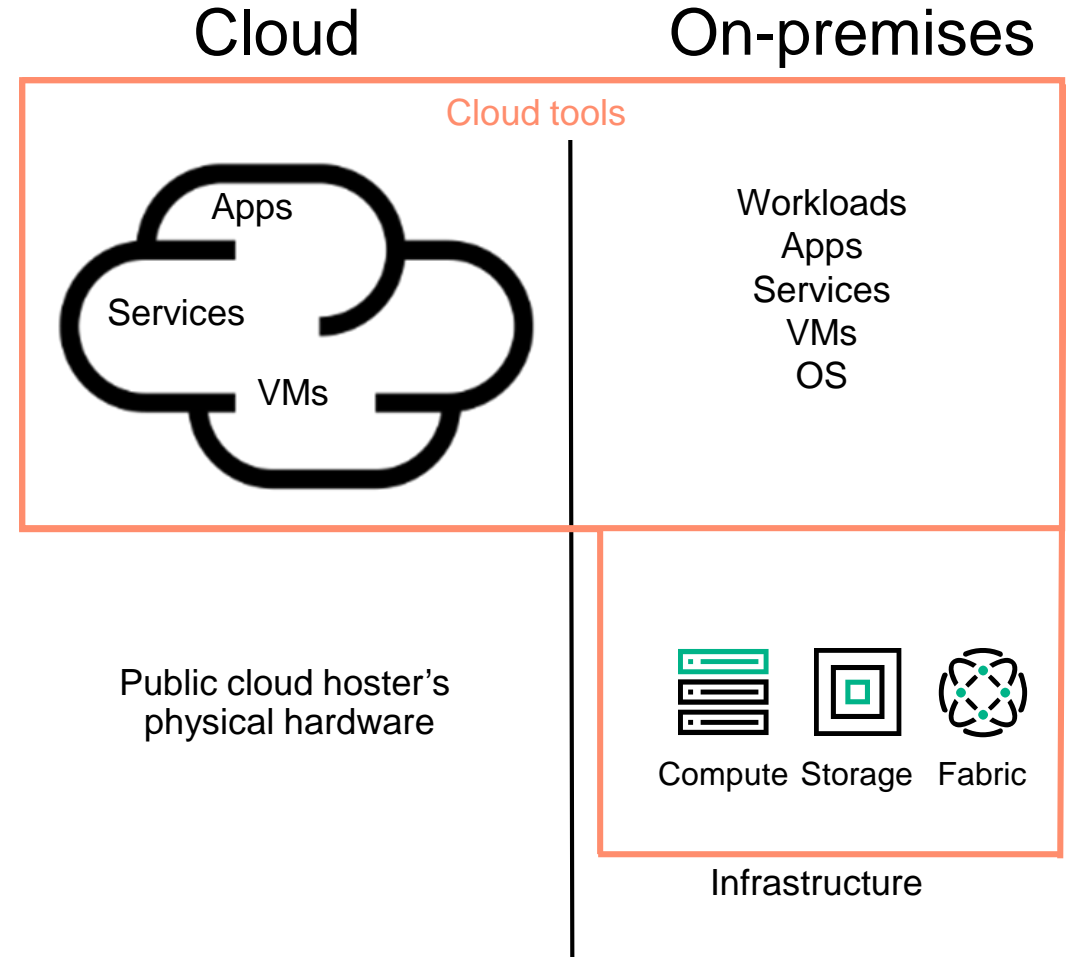
Doug de Werd
Product Manager
HPE OneView Group



Makes infrastructure relevant in hybrid cloud management

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

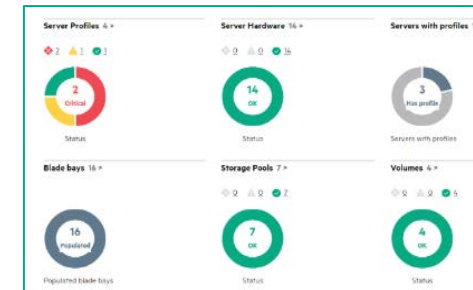
Identify, assess, and mitigate infrastructure security risks

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
- 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

Microsoft Azure
Log Analytics



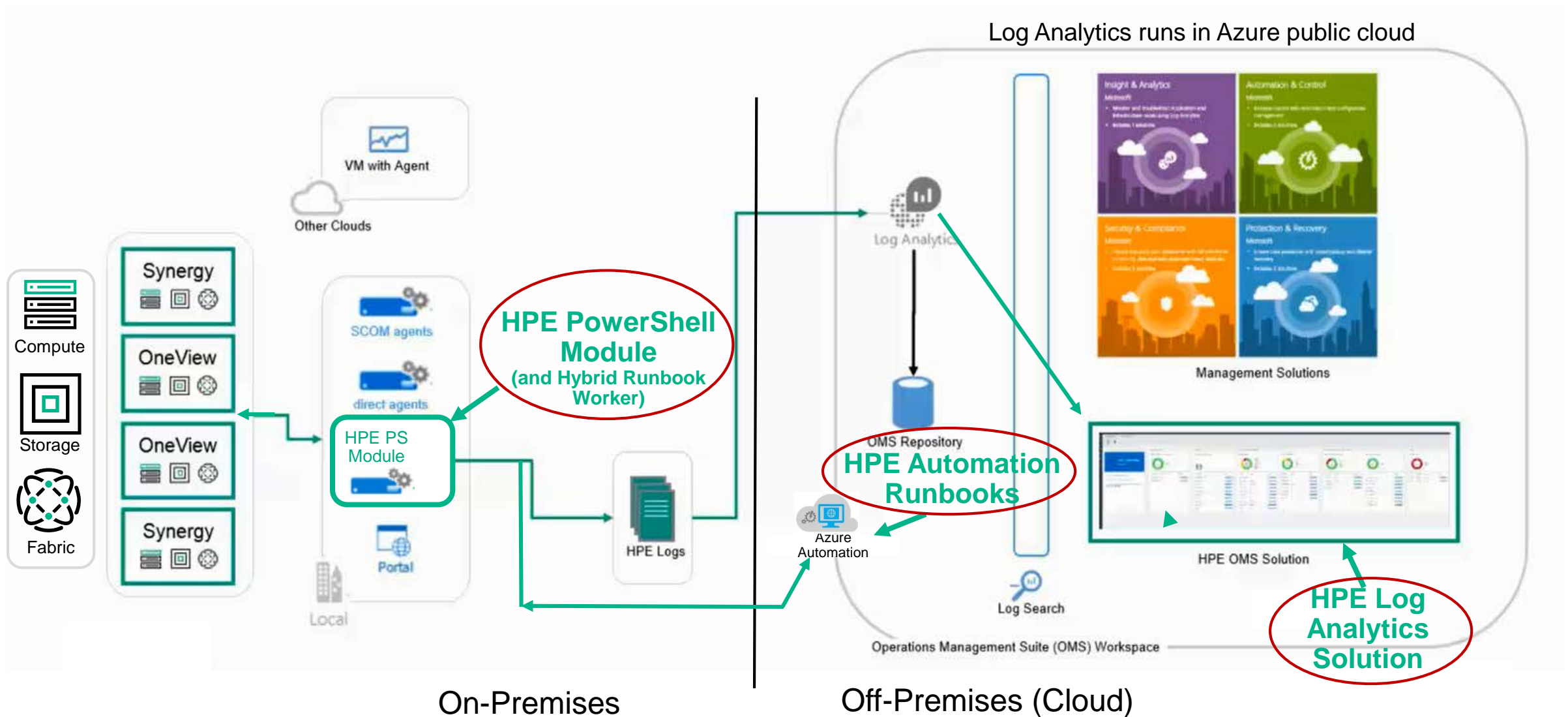
HPE OneView

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

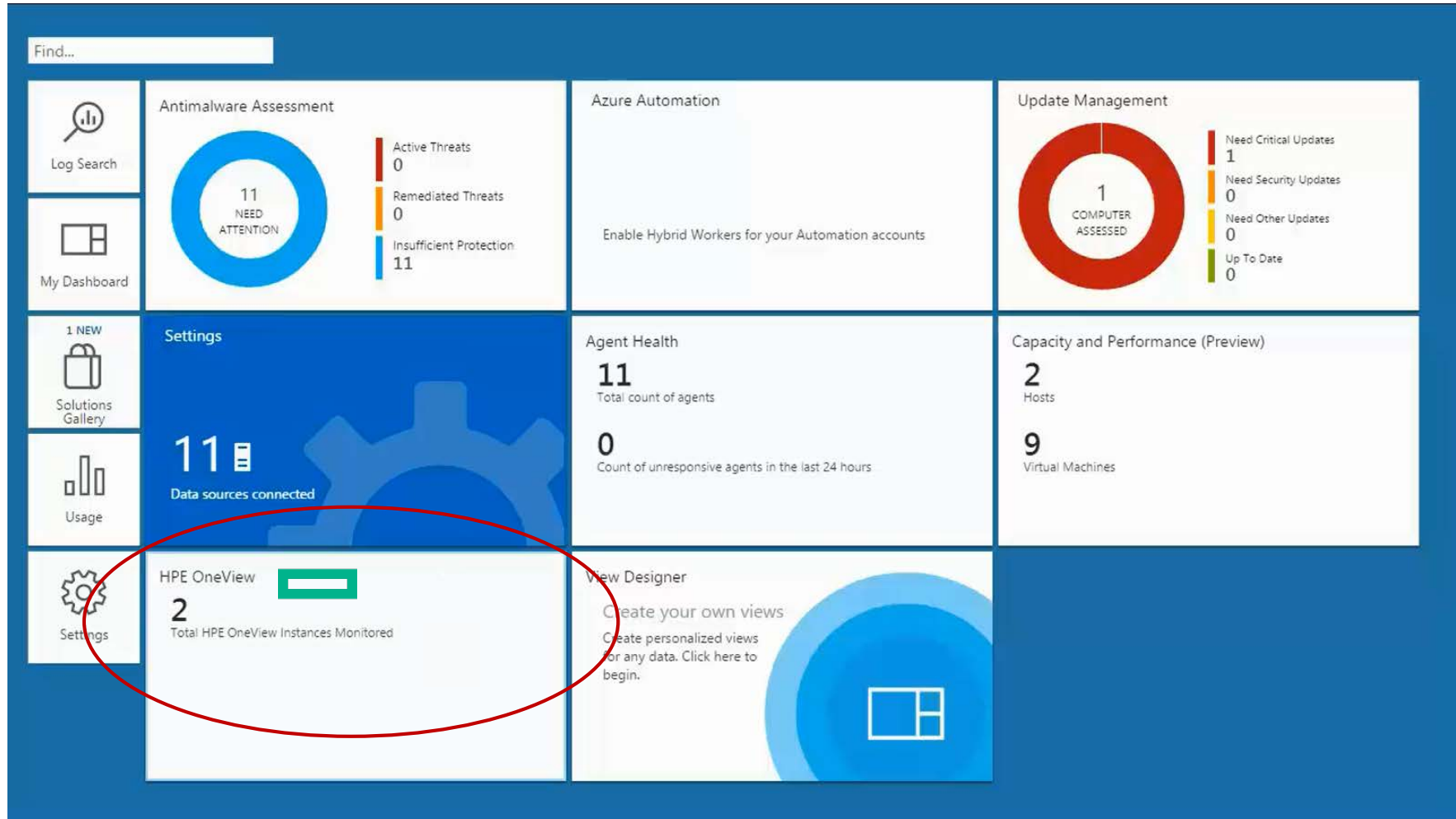
Packaging and Licensing

- 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
 - Basic inventory and health features are supported with HPE OneView Standard licenses
 - Advanced features require HPE OneView Advanced and HPE Synergy licenses
 - 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 OneView and Log Analytics Architecture



HPE OneView Solution in Log Analytics Workspace



HPE Solution Dashboard

- Provides hardware and firmware inventory
- Infrastructure health and status
- Drill down into any dashboard for detailed analysis

The screenshot displays the HPE OneView dashboard within the Microsoft Azure portal. The interface includes a navigation sidebar, a search bar, and several key performance indicator (KPI) cards. The 'HPE ONEVIEW APPLIANCES' card shows 2 total appliances, all in 'OK' status. The 'HPE ONEVIEW MANAGED SYSTEMS' card shows 42 total systems with 31 OK, 7 Warning, and 3 Critical. The 'HPE ONEVIEW PROFILE ASSIGNMENTS' card shows 5 total profile assignments with 3 Critical, 2 OK, and 0 Warning. Below these cards are detailed tables for each category.

| APPLIAN... | OVERALLA... | APPLIANC... | |
|------------|-------------|-------------|---|
| 192.16... | OK | https://... | 1 |
| 192.16... | OK | https://... | 1 |

| SYSTEM | STATUS_S |
|---------------|----------|
| nano-0a4b4 | OK |
| BAY3AUG9 | OK |
| OA4B2-TEST | OK |
| OA4B7CDEM... | OK |
| BAY9TRY2AU... | OK |
| OA4, bay 6 | OK |
| BL420CG8-O... | OK |
| BL420CG8-O... | OK |
| OA4B13-MAX | Critical |
| BL460CGEN9 | OK |

| PROFILE | STATUS_S |
|------------------|----------|
| OMSHost2_p... | Critical |
| OMSHost1_p... | Critical |
| OA2_Bay1_O... | OK |
| Profile - EG_... | OK |
| Profile - EG_... | Critical |

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

The screenshot displays the Log Search interface for the 'hpe-rm' dataset. The top navigation bar includes 'Refresh', 'Saved Searches', 'Analytics', 'New Alert Rule', 'Export', and 'PowerBI'. The main area is divided into two panels. The left panel shows a bar chart with two bars, one at 11:00:00 AM on Mar 27, 2018. Below the chart is a time range slider and a table with two columns: 'TYPE (1)' and 'SCOPEURI_S (16)'. The 'TYPE (1)' table has one row: 'HPEOneView_ServerHardware_CL' with a count of 256. The 'SCOPEURI_S (16)' table has four rows, each with a count of 6. The right panel shows a query editor with the query: 'HPEOneView_ServerHardware_CL | summarize arg_max(TimeGenerated, *) by uuid_g | project Computer, status_s'. Below the query editor, it shows '43 Results' and a table with columns 'Computer' and 'status_s'. The table contains seven rows of data, all with a status of 'Critical'.

Log Search
hpe-rm

Refresh Saved Searches Analytics New Alert Rule Export PowerBI

Data based on custom time range

1 bar = 6hrs

11:00:00 AM
Mar 27, 2018

TYPE (1)

| | |
|------------------------------|-----|
| HPEOneView_ServerHardware_CL | 256 |
|------------------------------|-----|

SCOPEURI_S (16)

| | |
|---|-----|
| | 166 |
| /rest/scopes/resources/rest/server-hardware/393433... | 6 |
| /rest/scopes/resources/rest/server-hardware/313639... | 6 |
| /rest/scopes/resources/rest/server-hardware/393433... | 6 |

Show legacy language converter

```
HPEOneView_ServerHardware_CL  
| summarize arg_max(TimeGenerated, *) by uuid_g  
| project Computer, status_s
```

43 Results List Table

Drag a column header and drop it here to group by that column

| Computer | status_s |
|---------------------|----------|
| OmsHost1.dazzle.com | Critical |
| OmsHost3.dazzle.com | Critical |
| NANO-OA3BAY8 | Critical |
| BL460CG7-OA3B9 | Critical |
| OmsHost2.dazzle.com | Critical |
| BL460cG7-OA3B10 | Critical |
| SERVER-2 | Critical |



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HPE OneView for Microsoft Azure Log Analytics

www.hpe.com/products/ov4la



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Thank you