QUESTIONS YOUR ORGANIZATION SHOULD BE ASKING

- What are industry best practices with cloud transformation?
- Are all our stakeholders on the same page with regards to our transformation?
- How can Azure Stack HCI assist in our transformation?
  - What hardware will be necessary to support the requirements of our workloads?
  - What prerequisites need to be fulfilled before implementation?
  - What impact will stretch clustering, if we choose to use it, have on the network?
  - What is the correct storage architecture given our requirements?
  - What Azure hybrid services will we use, and how much will they cost?
  - What best practices and optimizations should we implement?

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HPE ACCELERATOR WORKSHOPS FOR CLOUD

Leverage our expertise and experience to take your next steps in cloud transformation

Features

- Workshop is built around your **interests**, your **needs**, and your **path** to cloud transformation
  - Additional days and topics can be added
- Available in durations of 1, 2, or 3 days
- Designed through our experience in hundreds of cloud projects
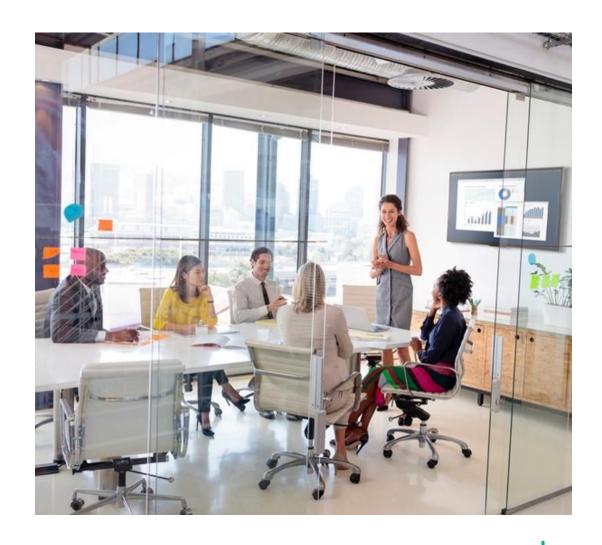- Agenda customized with strategic and/or technical topics

Outcomes

- Documented recommendations for your next steps in cloud transformation
- Understanding of specific cloud strategies & technologies, and guidelines for their successful implementation

BENEFITS

- Tailored workshop based on specific needs and interest
- Provides a framework for next steps in cloud transformation
- Leverages our experience in hundreds of successful cloud projects & programs
- Delivers insights into and best practices around specific cloud technologies such as:
  - Cloud strategy and economics
  - Security, governance, & compliance
  - DevOps
  - IoT
  - Big Data
  - Digital Innovation

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WORKSHOP EXAMPLES

Hybrid Scenarios

- Consuming cloud resources
- Bursting out/in
- Application architectures
- Multi-cloud deployments

On-premises Considerations

- Regulations, security, and auditing
- Proximity and availability
- Capacity and performance
- Observability

Cloud Services and Connectivity

- Public cloud accessibility and cost management
- Network throughput and routing
- Backup and disaster recovery
- Manageability

Microsoft Hybrid Cloud Implementation

How does a local bank implement a Microsoft hybrid cloud?

Challenges

– In process deploying new applications in the Azure cloud, but certain legacy workloads require tighter control, in terms of access and performance

– Need to eliminate old hardware and use new hardware that has become available as we move appropriate workloads to the cloud

– Need to better understand cloud capabilities to manage, secure, maintain, and automate on-premises resources from the cloud

Solutions

– Microsoft Azure Stack HCI planning workshop focused on understanding the pre-requisites and capabilities of the platform

– Explain the difference between validated nodes and integrated systems, why they are important, and where existing hardware fits

– Describe specific Azure cloud services and how they work with on-premises resource and the interconnect with Azure Arc

Results

– Accelerated time to deployment of new on-premises infrastructure

– Created a high-level migration strategy considering the right-mix of cloud and on-premises

– Eliminated significant out-of-support hardware, took advantage of unused capacity, and minimized additional capital outlay

WORKSHOP EXAMPLES

Cloud Security, Governance, and Compliance

- Introduction to cloud security
- Overview of cloud governance and tagging
- How security controls are implemented in the cloud
- HPE's approach to cloud security engagements

DevOps and Cloud Automation

- Defining DevOps and organizational best practices
- Characteristics of a DevOps culture
- How DevOps and automation drive performance
- Deployment time improvements
- Development, Engineering, QA, IT Operations
- The role of CI/CD in DevOps
- Full stack automation best practices

DevOps Simulation

A role-based workshop, focused on the software development and deployment lifecycle.

- DevOps Simulation agenda
  - Round 1 - Chaos
  - Round 2 - Improved
  - Round 3 - Optimized
- Plus 2-3 DevOps and Cloud Automation workshop topics to augment the simulation

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WORKSHOP EXAMPLES

Cloud Operations

- Overview of CloudOps

- Identifying desired future operations state

- Establishing a framework for your cloud operations across people, process, and technology

- HPE's approach to CloudOps engagements

Data and Analytics

- Data "center of gravity"

- Schema on write vs schema on read

- Metadata and data catalogues

- Federated data vs centralized: trade-offs and advantages

- Data and analytics as a service

- Governance and quality

- Operations and management

- Financial / Costs

Internet of Things (IoT)

- IoT Introduction, landscape and market

- IoT in your Industry Key IoT Use Cases

- Data ingestion and cloud architecture

- Edge architecture / components

- Security in an IoT environment

- Analytics – deriving insights

- Organizational impacts

- New business opportunities

WORKSHOP EXAMPLES

Digital Innovation

- Cloud native landscape and market

- Cloud native digital in your Industry

- Cloud native best practices

- Cloud native architectural patterns

- Security, scalability, resiliency

- Experience Design techniques and tools

- Adopting a DevOps mindset

- Day 2 Operations

Application Modernization

- Cloud-native digital products, services, landscape and market

- Modernization case studies

- Modernization best practices approach

- Refactoring technical considerations

- Experience Design techniques and tools

- Adopting a DevOps mindset

DevOps Workshops and Application Migration

How does an asset management firm accelerate their application migration to AWS using DevOps best practices and tools?

Challenges

- In the process of moving its Public Deal Platform and its applications from Savvis to AWS
- Need to automate their processes in order to decrease the time it takes to migrate their applications
- Need to better understand automation and orchestration tools to better operate administration and management applications

Solutions

- DevOps Workshops focused on helping to choose the right tools to accelerate their migration
- Explain the tools and structure of the AWS platform so the team can move future acquisitions from residing providers to AWS.

Results

- Accelerated response time to internal business units for creating new products and solutions
- Continued migration of additional applications to the AWS platform, increasing the spend there
- Increased flexibility, agility, and cost savings

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THANK YOU