



EVOLVE YOUR OPERATING MODEL TO SUCCEED AT DIGITAL TRANSFORMATION

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YOU DON'T NEED TO BE BORN IN A CLOUD TO HAVE A CLOUD OPERATING MODEL

While organizations embrace a cloud strategy for many reasons, one that stands out is a desire to get IT operations working more efficiently. Companies want to streamline value chains. They want to do more work and do it faster, with less friction.

Cloud-based operating models, done the right way, enable just that. In fact, for many organizations, it is the adoption of the new ways of working that the public cloud demands which creates the greatest benefits to business agility, and not merely the technology platform itself. With this in mind, one of the top initiatives that customers prioritize is the development of cloud operating practices across their IT organizations and their entire IT ecosystem. Ironically, however, the operations domain is also one of the areas in which organizations struggle the most to generate momentum.

BREAKING WITH THE PAST

The biggest challenge organizations face is the need to shed their legacy operating models. Too many companies try to adopt cloud platforms without changing the way they work. They assume they can follow the same procedures they always have and make simple tweaks.

What they end up with are sets of processes, procedures, and tools that don't respond well to the demands of a modern ecosystem. In turn, they fail to leverage operational learnings across their operations, missing opportunities to deliver agility improvements across the entire organization.

They have to learn how complex cloud transformations are, so they can equip their teams with the resources needed to carry out the necessary work. Rather than relegate the work of getting to a cloud operating model to a side-of-desk task, they need to dedicate a group to adopting the new cloud-everywhere operating model.

WHERE THINGS STAND

Operations is a domain that most customers prioritize. It's a tangible and significant part of most IT organizations, and one where progress is being made overall.

However, there are some subdomains within operations where organizations are experiencing greater difficulty in achieving traction - let's take a look at what's behind these challenges.

SERVICE OPERATIONS:

Slow, ineffective incident response

Many organizations have struggled to progress incident response capability to the point where it can work at the velocity of the cloud. Though incident response is considered a security function, the operational component is an important measure of a company's overall success in the cloud.

Companies with immature service operations often fall short in their ability to be proactive and prevent events from happening in the first

place. And if a security event takes place, they will often exhibit slow, ineffective incident responses. The time it takes to detect, address, and resolve an issue often places them outside of their SLA targets due to a lack of automation and orchestration.

To be proactive, companies need to set up systems to leverage metadata and characteristics from historical events. They start to learn from those events and build out proactive incident responses. Using techniques like comprehensive logging, event curation and correlation, and forensics can determine root causes and prevent issues.

PLATFORM OPERATIONS:

Lack of clearly defined infrastructure patterns to deliver consistent services

Organizations with a low level of cloud operational maturity lack a set of finite and clearly defined standards for developing applications and corresponding infrastructure. Without these patterns, they struggle to master the art of automating the provisioning of infrastructure and supporting the corresponding services that make applications tick.

This ties back to the legacy issue. Organizations that are used to creating applications outside of cloud-native environments by default model their application architectures to support customized apps that may or may not generate high degrees of value. These architectures can't scale to satisfy the emerging demands of the business.

PIPELINE OPERATIONS:

Inconsistent management of container images

Containers have changed the way organizations develop and deploy applications. Their lightweight structures and portable natures make them ideal packaging tools for organizations looking to add new features quickly and cost effectively. Still, a container operation is only as sound as the images that make up the containers themselves.

Organizations that are early in their cloud transformations tend to struggle with image integrity. They haven't set up systems for hardening container images in a timely and repeatable fashion. They haven't set up an automated testing and compliance certification process. They haven't created secure container registries that identify images for use in the continuous integration and continuous delivery (CI/CD) pipeline, retire out-of-state images, and manage artefacts in various states of transit.

GETTING YOUR HOUSE IN ORDER

Moving to the cloud presents significant opportunities for companies to transform their operations - to make them more efficient and more focused on delivering business value. But to mature to the point where they're accomplishing meaningful transformation, organizations need to commit to a new operating model, assess their strengths and weaknesses, and forge a plan to set their operations up for success. This operating model will yield benefits not only for the portion of operations that move to the public cloud, but across the entire enterprise, edge to cloud.

Wouldn't it be great to have CLOUD EXPERIENCE ON PREMISE?



**Hewlett Packard
Enterprise**

operated by Selectium

DELIVERING THE CLOUD EXPERIENCE ON PREMISES WITH HPE GREENLAKE – SELECTIUM PROGRAM

Speed digital transformation efforts, modernize IT, and implement emerging technologies quickly

The cloud model can accelerate business outcomes with easy access to on-demand resources, pay-per-use flexibility, and simplified IT operations. However, with 62% of applications deployed in on-premises private cloud or non-cloud environments today¹, due to compliance, security, performance, and other factors—it's not surprising that companies are seeking ways to achieve the modern cloud experience in their data centers. To meet today's business demands, enterprises require agility, scalability, and value, no matter where their apps and data reside. Hewlett Packard Enterprise operated by Selectium now makes the modern cloud experience possible everywhere—across edges, colocation facilities, data centers, and multiclouds—with the HPE GreenLake – Selectium Program platform. The HPE GreenLake – Selectium Program platform offers a broad portfolio of cloud services such as containers, storage, compute, virtual machines (VMs), data protection, and more, delivered to your facility. Sophisticated metering enables accurate and transparent pay-per-use billing that scales up and down with usage. And with 24x7 monitoring and management, we take on the heavy lifting associated with managing infrastructure. Tying everything together is the single point of contact in local Hewlett Packard Enterprise operated by Selectium team, which helps you centralize operations and insights across the hybrid estate. Offload the burden of operating IT and free up resources with fully-managed cloud services. This centralized approach can help businesses manage usage and cost, address compliance concerns, and automate IT operations.

"IDC research shows that customer adoption of flexible consumption-based models is increasing because of the agility, transparency, and simplicity of these offers."² Susan G. Middleton, Research Director, Flexible Consumption and Financing Strategies for IT Infrastructure, IDC.

GET THE CLOUD EXPERIENCE EVERYWHERE

Modernize apps, transform data into insights, and deliver elastic capacity to lines of business to accelerate desired outcomes.

Achieve faster time to value

Get preconfigured solutions delivered and installed to your facility.

Rightsize with a consumption-based model

Scale with business demand using the pay-per-use model above a reserve, with no up-front capital expenditures.

Gain centralized control and insights

Leverage the single point of contact to manage resources, costs, capacity, compliance, and more across on-premises and cloud environments.

Simplify IT

Reduce complexity with management services to reduce risk and free up IT resources for strategic and innovative initiatives.

Obtain expertise on-demand

Add additional services to meet business needs for compliance control, performance tuning, migration services, and more.

SPEED UP BUSINESS OUTCOMES

Application modernization

Give developers the resources they need to work faster—and smarter. For example, transform traditional, non-cloud native apps without having to re-architect them using HPE GreenLake – Selectium Program for containers, a 100% Kubernetes-based open-source solution, delivered as a service.

Data transformation

Speed insights to unlock the data value that is core to digital transformation initiatives. HPE GreenLake – Selectium Program for HPE Ezmeral helps companies operationalize databases, data protection, and data management.

Self-service delivery

Put control and insights in the hands of those who need it. Accelerate time-to-value for lines of business with fast resource provisioning and the ability to scale up and down on-demand.

CONCLUSION

The HPE GreenLake – Selectium Program edge to cloud platform brings the cloud experience—single point of contact, pay-per-use, scale up and down and managed for you—to apps and data everywhere, in edges, co-locations, and data centers. It enables you to free up capital, boost operational and financial flexibility, and free up talent to accelerate what's next for you.

CLOUD EXPERIENCE ON PREMISES is possible with HPE GreenLake – Selectium Program.

Get started with the HPE GreenLake – Selectium Program platform today. Learn more at:

<https://selectium.com/hr/hpe-greenlake-selectium-program>



¹ IDC Cloud Pulse Q121

² IDC's Worldwide Consumption-Based IT Infrastructure Taxonomy, 2020