

HPE Edge-to-Cloud Adoption Framework

Evolve to a modern operating model



Organizations report that they are frequently challenged with competing priorities, demands to deliver value at a faster pace, and lines of business that are unsure about IT's innovation capabilities. In the boardroom there is uneasiness that they are not keeping pace with competition or apprehension of being disrupted. Organizations are transforming to address these concerns and realize value from their investments. These transformations include modernizing applications and reimagining and evolving the operating model. At the base of the operating model is hybrid cloud, which includes solving and simplifying cloud complexities. To address the new and evolving technology landscape, Hewlett Packard Enterprise sees the operating model typified as being **edge to cloud**. This is the capability to manage people, processes, and technology from where the action is being performed (the edge) to the backbone of the services involved (the cloud), hence an edge-to-cloud operating model.

As a leading IT technology and service provider, HPE has the technologies as well as the depth and breadth of experience to help our customers evolve their enterprise IT architecture and operating models and achieve their digital ambitions. It also has the HPE Edge-to-Cloud Adoption Framework.

The HPE Edge-to-Cloud Adoption Framework guides our customers through their transformation journey. This adoption framework accelerates your adoption of a modern cloud operating model and helps you to understand and plan your transformation with a holistic view of the IT and business landscape.

This framework identifies eight critical domains to operate successfully in today's hybrid environment, identify, and then enhance the capabilities needed for a modern, cloud-enabled operating model. The domains are strategy and governance, operations, DevOps, security, data, applications, innovation, and people. Each domain describes capabilities within the organization measured at diverse levels of maturity. Figure 1 shows the eight domains covered by our adoption framework:



Figure 1. The eight domains of the HPE Edge-to-Cloud Adoption Framework

Use this framework to break down the complexity of transformation.

Within each of the eight domains, there are key topics that are addressed to help ensure a successful cloud transformation as shown in Figure 2. The topics of a primary focus are driven by client needs.

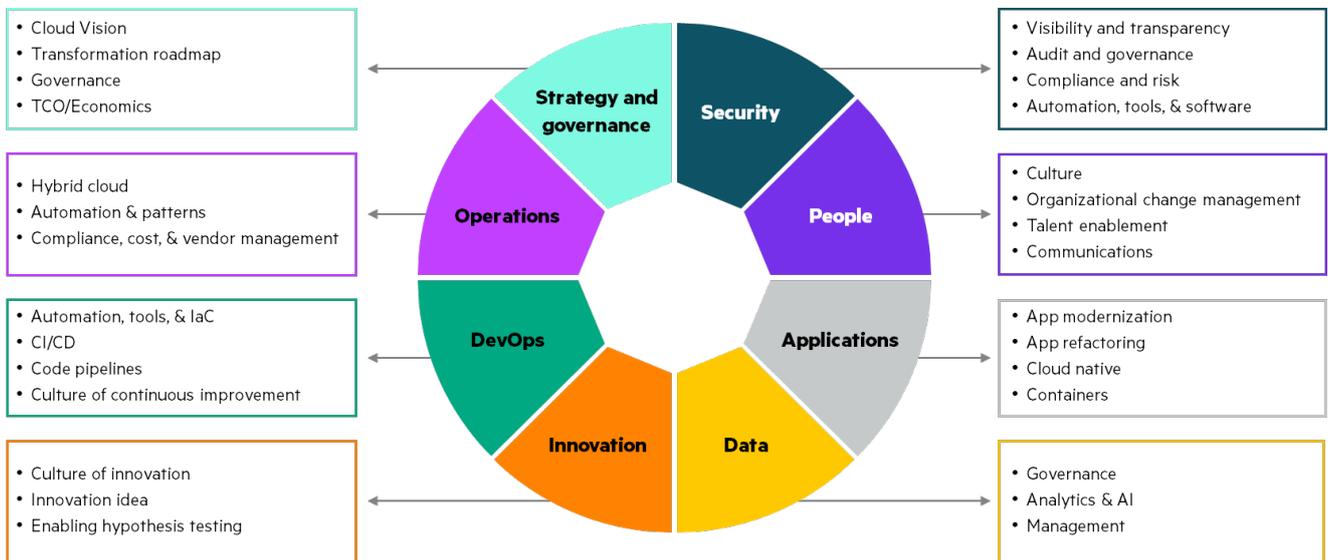


Figure 2. Eight domains and the key topics to help ensure successful cloud transformation

Figure 3 shows each of the eight domains with subdomains, and within the subdomains are capabilities and features an organization will need as it adapts and transforms to a hybrid operating model. The subdomains represent deeper areas of focus that an organization will need to address as they adopt a hybrid operating model.

Strategy and governance	Security	People	Applications	Data	Innovation	DevOps	Operations
Oversight	Application security	Organizational change management	Strategy & governance	Strategy & governance	Entrepreneurial ecosystem	Governance & continuous imp.	Service
Strategy & business case	Data security	Culture	Standards	Architecture	Ideation	Culture & enablement	Platforms
Structure & standards	Governance, risk and compliance	Communications	Architecture & design	Security	Innovation enablement value chain	Automation	Availability management
Economics	Identity and access management	People strategy & planning	SDLC	Lifecycle management	Culture of continuous improvement		Application
Communications	Infrastructure & platform security	Talent enablement	Operations	Ingestion & processing	People & structure		Pipeline
Vendor management	Physical security	Attract & retain	Culture	Consumption & distribution	Cloud related services		
	Security operations			Data knowledge			

Figure 3. Domains with corresponding subdomains of the HPE Edge-to-Cloud Adoption Framework



This makes it easy to determine what additional capabilities (practices and strategies) are needed to enable IT and support their unique business goals. With the support of an HPE advisory consultant, we work together to examine a client's business goals and help develop a road map and implementation plan that accelerates business results. We help them understand where they are in their transformation process with assessments, how to organize their transformation journey from setting the vision to detailed planning of initiatives, and how to ultimately realize those goals by bringing together and orchestrating resources.

HPE Edge-to-Cloud Adoption Framework in action

The framework provides a repeatable and predictable approach to transformation success and enables your organization to adapt our prescriptive approach into one that best works with your unique ambitions, constraints, and risk appetite.

To make that happen, HPE addresses these needs through the HPE Edge-to-Cloud Transformation program, which consists of three elements that include:

1. **Transformation maturity assessment** where we rank maturity for each of the eight domains on a scale of 1 (lowest) to 5 (highest) and provide a simple dashboard view
2. **Transformation business office** to establish a cross-functional governance body that helps drive the strategy and supports the implementation of the transformation program
3. **Transformation realization** to assist the implementation and realization of the transformation and digital ambitions

This framework provides a holistic view of a hybrid cloud operating model addressing how people, process, and technology produce cloud experience everywhere.

The HPE Edge-to-Cloud Adoption Framework addresses how to:

- Enable IT to support new business outcomes at scale
- Modernize technology operations to deliver faster and more securely
- Upskill and enable talent while building cultural change
- Improve service levels while aligning cost transparently

The framework supports assessment and road map development for FinOps, sustainability, operational technology, migration enablement, accelerating product development, and such. For example, if an enterprise needs to focus on **cloud economics** and **cost optimization**, the HPE advisory consultant tailors the framework, accordingly, trying to explore only the absolutely necessary group of subdomains/capabilities as shown in Figure 4. In a similar way, transformation business office can be **scaled down** for assisting customers in their financial control.

Strategy and governance	Security	People	Applications	Data	Innovation	DevOps	Operations
Oversight	Security controls	Organizational change management	Strategy & governance	Strategy & governance	Entrepreneurial ecosystem	Governance & continuous imp.	Service
Strategy & business case	Risk & compliance	Culture	Standards	Architecture	Ideation	Culture & enablement	Platforms
Structure & standards	Application security	Communications	Architecture & design	Security	Innovation enablement value chain	Automation	Availability management
Economics	Governance	People strategy & planning	SDLC	Lifecycle management	Culture of continuous improvement		Application
Communications	Identity & access control	Talent enablement	Operations	Ingestion & processing	People & structure		Pipeline
Vendor management		Attract & retain	Culture	Consumption & distribution	Cloud related services		
				Data knowledge			

Figure 4. An example of the HPE Edge-to-Cloud Adoption Framework with focus on cloud economics and cost optimization

There are several ways to use of the HPE Edge-to-Cloud Adoption Framework for specific client or industry needs.

Typical scenarios include:

- Enhancing the hybrid cloud strategy
- Driving a DevOps culture
- Having data modernization strategy
- Stalled innovation
- Upskilling technical teams
- Meeting Compliance and Security requirements

Why HPE Services?

HPE Edge-to-Cloud Adoption Framework is a continuously evolving framework that has been in active use for more than 10 years.

Agnostic. Our framework is **vendor agnostic** and does not push clients to any particular platform.

Focused on you. HPE Edge-to-Cloud Adoption Framework services help empower your team to implement on their own to provide independent value.

Expertise. The capabilities within the HPE Edge-to-Cloud Adoption Framework derive from our experiences and intellectual property (IP) curated from hundreds of successful enterprise-centric transformation engagements.

Continuous improvement. It is under continual enhancement based on experts across HPE, such as the cybersecurity COE, office of the CTO, and the management of change team in addition to the feedback coming from active field engagements.

Ready to get started?

Move forward from where you are today. Contact us to learn how the HPE Edge-to-Cloud Adoption Framework can help you realize your actual and future transformation objectives.

Contact a digital transformation advisor: edgetocloudadvisors@hpe.com

Learn more at

[HPE.com/us/en/HPE-Edge-to-Cloud-Adoption-Framework.html](https://hpe.com/us/en/HPE-Edge-to-Cloud-Adoption-Framework.html)

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