HPE POINTNEXT
S E R V I C E S

Solution brief

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APPLICATION PORTFOLIO ASSESSMENT FOR FEDERAL CLIENTS

Data-driven analysis for successful hybrid cloud migrations

Customers supported

Moving applications to the cloud is extremely complex. The application portfolio assessment supports our Federal clients and accelerates their migration journey by providing an objective, data-driven analysis and migration plan. The service leverages the experience and Intellectual Property (IP) curated by HPE Pointnext Services' CTP Practice through hundreds of successful enterprise-wide cloud transformation engagements.

CHALLENGES OF MOVING TO HYBRID CLOUD

Hybrid cloud application migration is a complex and lengthy process that requires determining the right mix of destinations for your business applications. It is vital that migration plans align with your business objectives and the realities of the current state of application deployment. Successful migration relies on answers to questions such as:

- What is the best target endpoint—public cloud, private cloud, or on-premises—for our applications?

- What is the most appropriate migration approach for our applications taking business, technology, and operational factors into account?

- Which applications should be the first movers based on ease of migration and greatest impact?

- What are the security considerations for classified applications and sensitive data?

- What is the most effective migration plan for the remaining applications?

- What are the economic and operational impact of application migration?

A SOLUTION TO GET YOU STARTED

The application portfolio assessment for Federal clients is an objective analysis that helps prepare your organization for a successful hybrid cloud migration.

Our approach accelerates application migration planning through a data-driven approach that uses a combination of industry-standard tools and our own IP. During the assessment, we perform the following activities:

- Gather, consolidate, and analyze metadata for up to 100–500+ applications.

- Score each application and determine the appropriate 6 Rs disposition—rehost, replatform, refactor, replace, retire, or retain.

- Categorize applications for target endpoint suitability—public cloud, private cloud, or on-premises.

- Identify first-mover applications based on ease and impact analysis and develop a high-level schedule for subsequent migration waves.

- Perform deep-dive assessment of up to 10–20+ applications.

- Calculate financial estimates and provide both a high-level economic and operational impact overview.

Figure 1 provides a high-level view of the service offering.

OUTCOMES

The application portfolio assessment will provide the following:

- Portfolio assessment results with scoring, disposition, and endpoint suitability for assessed applications
- Deep-dive cloud-readiness report for assessed applications
- Migration wave plan—first-movers and high-level schedule of application migrations
- Economic overview—financial estimates and considerations that allow your organization to request, justify, and plan for migration expenses

"The CTP assessment allowed our organization to clearly understand the impact of our cloud decisions and articulate those needs to the organization. Having a data-backed plan that incorporates multi-cloud, hybrid and security considerations was critical in establishing a sound strategy that worked for our division."

– USMC Customer

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- Strategic recommendations—details, industry insights, and strategic plans that drive effective strategy and decision-making for the division and/or organization

FREQUENTLY ASKED QUESTIONS

What information do I need to get started?
HPE can provide a recommended approach and timeline based on the following information:

- Data center(s) in scope
- Number of applications per data center
- Number of servers per data center
- List of applications
- If possible, details on the nature of the applications would also be helpful

What tools can I use for data collection?
Many tools in the market will support the data collection pieces we need. Examples of existing client tools we have used in the past include:

- BMC ADDM
- Snow
- RISC Networks
- New Relic
- ServiceNow

Additionally, the HPE team has conducted full reviews based on information provided from CMDB data and manual review/interview processes alone.

How will the HPE team get the data?
Once engaged, we will request sample outputs of current tools. We can request fields that are not classified for the purposes of these migration assessments.

We will provide the structure we need and work with you to help ensure the output is digestible within our framework. The data analysis can be run on non-classified data and can be restricted to individual local laptops. HPE does not need to install tools for analysis in your environments.
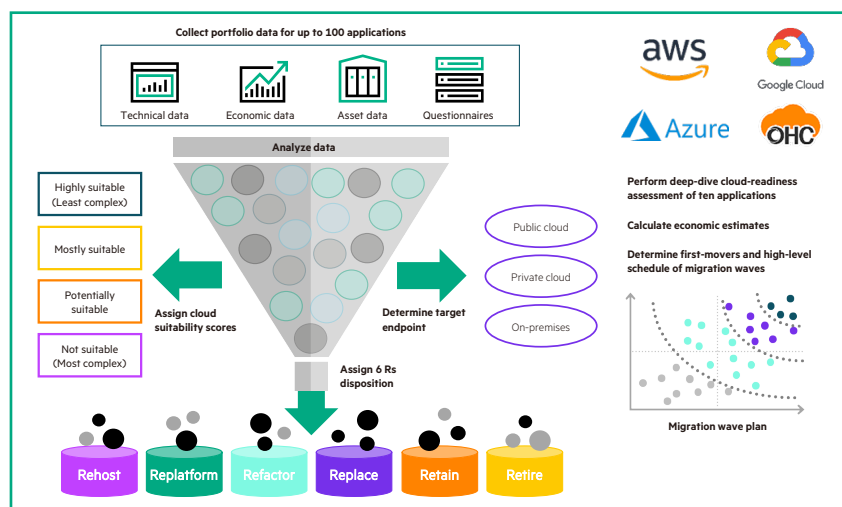
What needs manual review?
It is rare that we are not able to get some level of data from tools to identify the relationship between servers and connection of servers (servers, disk, CPU, connections, and so on). Typically, the manual part of our assessment is focused on the nature of the application—understanding the business, functional areas. Our approach includes surveys, interviews, and questions that will discover the business data that allows us to have a comprehensive assessment and recommended output.

WHY HPE POINTNEXT SERVICES?

The CTP Practice within HPE Pointnext Services has been successfully implementing hybrid cloud solutions for years. Through that experience, we have:

- Completed hundreds of successful enterprise wide cloud adoption engagements
- Accelerated application migration planning using our proprietary tools and data driven objectivity
- Established methodology, IP, scale, and global reach to address the entire lifecycle of the hybrid cloud transformation journey

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FIGURE 1. Portfolio assessment process