HCL

HCL TECHNOLOGIES PRESENTS

Cart 2.0

CLOUD ASSESSMENT & READINESS TOOL

21ST CENTURY IMPACT ON IT THROUGH CLOUD COMPUTING

Companies today are increasingly looking at cloud computing to improve operational and cost efficiencies. However it is impeded by a number of organizational hurdles including complex IT infrastructure inter-dependencies and intricate data flows. Organizations often do not have a full understanding of their IT asset inventory and their relationship with the numerous operational business applications.

Enterprises need to de-risk the move to cloud by developing a thorough understanding of the IT environment, the app inventory and their dependencies. A cloud migration is not just an IT project but a transformation exercise involving data center migration, consolidation of servers, migration of application to cloud and moving the organization to a software-defined data center.

The complexity of the exercise thus needs a data-driven approach which can facilitate the process of developing a carefully-drawn roadmap to help the organization make the transition with minimal disruption and maximum cost efficiency.

By using an assessment tool, organizations are able to implement a seamless transition to cloud infrastructure and benefit from a faster time-to-value.

PLAN, TEST AND BUDGET YOUR CLOUD MIGRATION

HCL's Cloud Assessment and Readiness Tool (CART) is a fully automatic diagnostic tool which provides a comprehensive view of an organization's "Cloud Readiness". It uses 20+ parameters across technical, business, compliances & security to arrive at a multi-dimensional understanding of your organization's state of readiness to adopt cloud infrastructure, laying the foundation for you to develop a detailed blueprint for your cloud strategy.

As a discovery and analytics tool HCL CART 2.0 brings clarity into necessary cloud infrastructure requirements, the optimum IT infra landscape for it and the costs associated. Flexible and easy-to-deploy, HCL CART can be used either as a Saas service or an on-premise application, ensuring that the organization's regulatory needs are addressed.

The new updated version HCL CART 2.0 is entirely automatic, needing no manual intervention which results in greater accuracy, faster results and minimal disruption.

A ROBUST 360O AUTOMATIC EVALUATION OF YOUR CURRENT IT LANDSCAPE

When deployed within your IT set-up, the tool automatically gathers information on the structure of your IT infrastructure, the current dependencies, the workload including network traffic, data dictionary. Based on this, it next develops the ideal move groups, the necessary drivers for cloud migration followed by the cloud cost modelling. In the final stage the tool delivers the inputs necessary to enable you to select the ideal cloud vendor based on your unique business needs.

The assessment is expected to take about 4 to 6 weeks and will result in two outputs;

1 A cloud assessment report which includes workloads and applications mapped to recommended deployment models in the Cloud including IAAS (Private or Virtual) across Public & Private cloud.

2 A deployment model choice which includes cloud recommendation with respect to PaaS , SaaS or PaaS for specific workload categories

HCL's expert team use these assessment outputs to prepare a business case and develop a roadmap for your cloud migration.

WHAT CAN I EXPECT FROM HCL CART 2.0?

HCL CART will provide the technical, operational and commercial insights that you can depend on to start your cloud transformation journey with confidence

Visualise the entire server network in one view as well as their dependency relationship

Provide validation of network load on cloud

Provide network traffic profiles and maps, as well as network communication information

Provide Cloud Cost Modelling based on server usage and network utilization patterns

Provides Compliance and regulatory checks

Provide recommendation for cloud vendor selection

Provide visibility into entire existing IT Infrastructure assets and current performance levels across all components including Network, Virtualization, Windows Servers, etc.

DEPLOYING THE HCL CART 2.0 TO BUILD THE 21CE ORGANIZATION

With CART 2.0 you will be able to baseline your existing IT environment with its detailed inputs into cloud readiness, server network dependency, validation of network readiness, and benchmarking of the proposed IaaS infrastructure. Operational benefits include:

- Detailed asset inventory mapping, network analysis, utilization patterns and cloud infrastructure modelling along with costs

- Insights into network requirements after a server is moved (or group of servers)

- Valuable network communication information and maps of server communications built along with validation of network load on cloud

- Clear understanding of cost of IaaS solutions in the cloud vs. traditional delivery models

- IaaS Performance Benchmarking of the key metrics for IaaS components against original metrics

- Map server traffic across WAN, Internet and VPN connections

- Compliance and regulatory checks

FOOL-PROOF THE BUSINESS CASE FOR CLOUD TRANSITION

Beyond operational benefits, using CART you will be able get a holistic overview of strategic imperatives needed for a successful transition to cloud.

Help your organization align its cloud computing strategy with its business strategy

Provide customized best platform recommendations across physical, virtual, private & public cloud
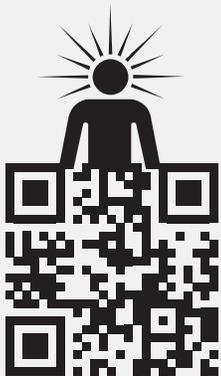
Quantifiably assess and determine the ROI/TCO for cloud adoption

Provide recommendation for cloud vendor selection

HOW MAY WE ASSIST YOUR TRANSFORMATION?
Email: **CONTACT.INFRA@HCL.COM** or call **1-877-243-6624** to speak with an expert.

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