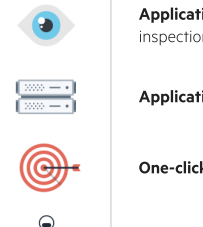
MANAGING APPLICATION-CENTRIC IT FOR HYBRID CLOUD

As companies continue to leverage new technologies like public cloud services and a more agile application or business service development model, IT has begun transitioning away from managing the infrastructure that supports applications to managing the applications that impact the infrastructure. This shifts IT from an infrastructure-centric operating model to an application-centric model. This shift is critical as digital transformation has changed the expectations of end-users, where the application is now seen as the endpoint of what IT provides, and management needs to start with how the end-users see and use applications.

Hybrid Cloud Definition

Organizations' perception of hybrid cloud is focused more on applications and the resources supporting them than on resource management.



55%
define hybrid cloud as managing applications with resources that span across on-premises and off-premises environments

Important Capabilities of a Systems Management Solution

Application-centric IT teams need a systems management solution that is focused on proactive functions and supports IT's transition to leverage new technologies, while still integrating with existing systems.

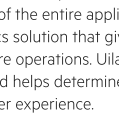
Some of the most important capabilities for a systems management solution include:

Application performance monitoring
43%

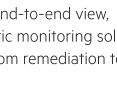
Capacity planning
36%

Mapping virtual machines to physical infrastructure
25%

Isolating root cause issues across physical/virtual infrastructure
24%



Lifecycle mgmt. tools for virtual machines
22%



interoperability with existing mgmt. tools
21%

Go Forward Strategy

Systems management vendors must ensure that their public cloud and hybrid cloud management tools are functional and accessible to existing systems management users.

51%
currently–or expect to–have a single team responsible for both off- (i.e., cloud) and on-premise systems management.

> "The application-centric hybrid cloud enables IT to deliver better application capabilities to end-users, while leveraging the best of both their on-premises and off-premises resources."
>
> - Edwin Yuen, *ESG Analyst*

Uila and Application-centric IT

Uila is designed to provide an application-centric infrastructure monitoring and analytics solution for private and hybrid clouds, including virtualized or containerized applications. The key functions of Uila are:

- **Application visibility and its dependency mapping** leveraging deep packet inspection (DPI).
- **Application full stack visibility with correlation** to infrastructure intelligence.
- **One-click, granular root cause identification** to reduce application downtime.
- **Preemptive service remediation** for application performance assurance.
- **Capacity planning insight** to get more out of existing infrastructure and cut unnecessary spending.
- **End-user experience monitoring** to identify and fix end-user problems before any impact.
- **Virtualized and cloud application whitelist** and notification on topology configuration changes.

The Bigger Truth

Businesses must shift to application-centric IT to meet the needs of digital transformation and the expectations of end-users. An application-centric hybrid cloud needs an application-centric systems management solution to get the most out of the entire application stack. Uila has developed an application-centric monitoring and analytics solution that gives an integrated, end-to-end view, from end-user performance to infrastructure operations. Uila's application-centric monitoring solution focuses on the application performance and helps determine the best action, from remediation to optimization, to deliver the optimal end-user experience.

LEARN MORE

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Sources:
ESG Brief, Applications Help to Define Hybrid Cloud, June 2017
ESG Brief, Cloud Increases Systems Management Complexity and Capability, July 2017