GAIN COMPLETE VISIBILITY INTO TODAY'S COMPLEX IT INFRASTRUCTURES

Today's IT environments have never been more complicated. With the ever-growing use of public cloud and container technologies and the frequent delivery of modern, microservices-based applications, IT faces a daunting task in understanding what's out there and how its assets support the business.

How do you know what you have?

A modern asset discovery and dependency mapping solution must have a broad set of capabilities across datacenter, cloud, and container technologies while keeping up with the rapid infrastructure changes caused by current development practices. Without this comprehensive and "near real-time" view of the world and the ability to understand and model business services, it becomes increasingly difficult for IT to effectively discover and manage those critical applications that help run the business.

Obtain up-to-date insight with BMC Helix Discovery

BMC Helix Discovery provides instant visibility into hardware, software, services, and dependencies across multi-cloud environments. Its discovery capabilities are designed to handle the complex management of mainframe, traditional, and hyper-converged infrastructures; software-defined storage and networks; containers; and cloud services.

BMC Helix Discovery's software-as-a-service (SaaS)-based, agentless, start anywhere application modeling capabilities empower organizations to discover assets and create application models from any point in the IT infrastructure within minutes. Combined with a content library containing thousands of asset types, including containers and cloud infrastructure, BMC Helix Discovery gives teams the ability to detect blind spots, meet compliance and regulatory standards, and manage costs across complex infrastructures.

Benefits include:

- **Up-to-date service awareness**: Rapid discovery, relationship modeling, and visualization of the hardware and software landscape provide accurate asset, relationship, and service model views from any point in the complex IT infrastructure.

- **Reduced costs**: Access to updated infrastructure configuration information enables IT teams to continually evaluate the use of assets so businesses can right size their infrastructure.

- **Lower risk**: Complete visibility into the IT infrastructure helps teams identify misconfigured and vulnerable software, which results in quicker remediation, reduced downtime, and improved security and compliance.

- **Increased productivity**: On-demand discovery helps IT teams become more efficient and productive for service and data center management and software auditing.

Maintain visibility across the IT landscape

On-demand asset discovery and dependency modeling are just the beginning of the story. Due to today's continually changing cloud and container-based infrastructures, IT teams need a dynamically updated view of their environment across the IT operations and service management (ITOM-ITSM) environment.

BMC Helix Discovery solves this problem by generating detailed datasets and topologies using Dynamic Service Models, which provide an up-to-date, integrated data store. Dynamic Service Models act as the single source of truth across BMC's IT landscape. This enables artificial intelligence for IT operations (AIOps) and AI service management (AISM) to leverage the latest infrastructure configurations and ensure accuracy and efficiency across the organization.

How are IT teams kept informed of significant changes? As BMC Helix Discovery discovers additional relationships and dependencies, it automatically updates Dynamic Service Models. If significant updates have occurred, the service model is moved into a "review state" so users can evaluate changes on a dynamic basis.

Dynamic Service Models complete the picture by ingesting data from third-party solutions such as application performance and network monitoring tools through open integrations, which can be used independently or by other BMC Helix Platform services such as BMC Helix Operations Management with AIOps, BMC Helix Continuous Optimization, and BMC Helix ITSM.

Conclusion

With constant configuration changes in cloud- and container-based implementations, IT teams need up-to-date visibility across ITOM-ITSM environments. BMC Helix Discovery provides teams with a complete, dynamically updated service view so they can improve service performance, availability,

efficiency, and customer experiences while also lowering costs. This ensures optimal results as enterprises strive to achieve digital transformation.

Visit the BMC Helix Discovery web page to learn more.