bmc helix

BMC Helix Discovery

Automatically discover assets and their relationships with up to 100% accuracy

PRODUCT DESCRIPTION

BMC Helix Discovery helps IT operations teams discover assets and their dependencies across today's increasingly complex IT infrastructures which span multi-cloud, hybrid, and on-premises environments.

BUSINESS CHALLENGE

The need to innovate and accelerate has become increasingly complex. IT teams need to support an ever-growing array of applications, services, and data sources that are deployed on diverse platforms including on-prem, hybrid, and multi-cloud environments. In addition, IT teams must support dedicated Lines of Business (LoBs), which requires them to understand where and how every aspect of their environment is used.

With the number of cloud providers and solutions increasing, many obstacles exist. The lack of visibility to applications and dependencies affects migration planning, capacity optimization, security, service availability, and integration with IT service management.

BMC SOLUTION

BMC Helix Discovery provides instant visibility into hardware, software, and service dependencies across multi-cloud environments. Its discovery capabilities are designed to handle the complexity of managing wide spectrum of configurations including mainframe, traditional and hyper-converged infrastructures, container management, and cloud services.
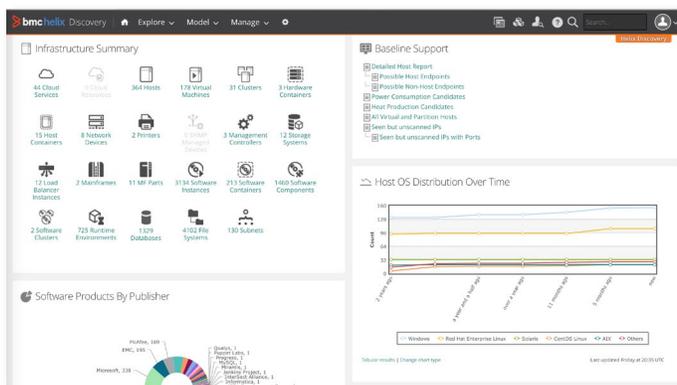
Baseline Dashboard

KEY FEATURES

- **Fast, accurate discovery:** Automatically obtain visibility into hardware, software, and service dependencies across multi-cloud, hybrid, and on-prem environments

- **Start anywhere application modeling:** Discover assets and create application models from any starting point in the IT infrastructure within minutes

- **Continuous content updates:** Leverage thousands of asset types, with support for containers and cloud infrastructure, updated on a monthly basis

- **Discovery-as-code:** Provides frameworks and REST APIs to integrate into your CI/CD pipelines

- **Security and compliance:** Detect blind spots, locate back door entry points, and identify vulnerabilities

KEY BENEFITS

- **Up-to-date service awareness:** Rapid discovery, relationship modeling, and visualization provides accurate asset and relationship views from any point in any complex IT infrastructure

- **Reduced costs:** Dynamically generated reports enable IT teams to continually evaluate the use of assets so businesses can right size infrastructure

- **Lower risk:** Extensive visibility into complex infrastructures helps teams identify vulnerabilities, resulting in quicker remediation, reduced downtime, and improved security and compliance

- **Increased productivity:** Automatically detected assets enable IT teams to become more efficient and productive for service management, data center management, and software auditing

A key component of the BMC Helix Platform, BMC Helix Discovery is a SaaS-based solution that acts as the primary data source for capacity planning, security, compliance, and service management. Its ability to establish how elements connect and their dependencies gives IT teams a complete, context-based inventory from any point in the infrastructure.

HOW IT WORKS

Agentless, lightweight, and scalable: BMC Helix Discovery is a ready-to-run, SaaS-based application. All credentials and firewall rules are local to the customer and under the customer's complete control, which enables rapid onboarding and minimal support.

Unlimited depth and breadth: Perform rapid asset discovery and dependency mapping of any number of devices and applications across complex environments. The intuitive, optimized user interface provides direct control and complete visibility to discovered data via a high-performance, graph-based database.

Dynamic service modeling: Generate detailed datasets and topologies which enable IT teams to fully leverage AIOps and machine learning to perform anomaly detection, root cause analysis, cost optimization, and service management.

Deep content library: BMC Helix Discovery provides automatic updates to its library of over 15 years' worth of asset data, including support for newer technologies such as containers and cloud computing.

Multi-cloud support: Map assets and their dependencies across data center, public cloud, and private cloud environments, utilizing APIs and agentless protocols.

Complex infrastructure support: Discover dependencies across containers, container orchestration tools, hyper converged infrastructure (HCI), mainframe, and distributed compute and storage systems.

Security and compliance: Perform blind spot detection, change impact assessment, and audit assessments, which enable IT teams to identify out-of-date software, back-door entry points, and other vulnerabilities before they impact infrastructure security.

Third-party credential vault support: BMC Helix Discovery provides integrations with identity management solutions including BeyondTrust, Centrify, CyberArk, HashiCorp, and Thycotic.

Configuration Management Database (CMDB) integration: BMC Helix Discovery offers seamless integration into BMC Helix CMDB with out-of-the-box, continuous data synchronization. Integration with third-party CMDB tools is available through web services and database integrations.

Flexible deployment options: Configure BMC Helix Discovery to run as a SaaS-based, hybrid cloud, or on-premise deployment, which provides the right solution for each stage of your business.
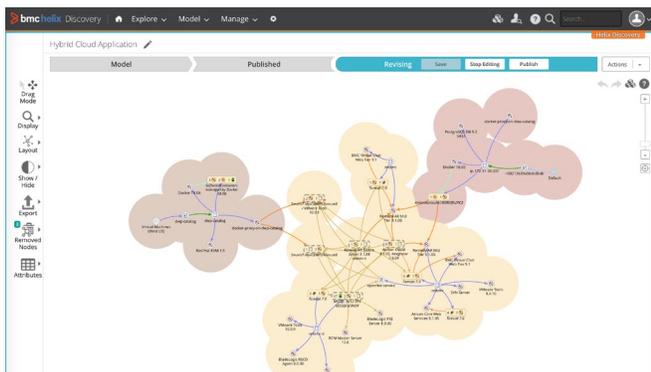
Hybrid Cloud Application

FOR MORE INFORMATION

To learn more about BMC Helix Discovery, visit **bmc.com/discovery**

Need set-up assistance? BMC Customer Success has expert implementation and application modeling packaged services to help at **bmc.com/bmc-helix-services**

About BMC
From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

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