

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 that span multi-cloud, hybrid, and on-premises environments.

Business challenge

The need to innovate and accelerate amid this growing complexity requires IT teams to support an ever-growing array of applications, services, and data sources that are deployed across diverse environments. In addition, IT teams must support dedicated lines of business (LoBs), which requires understanding 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

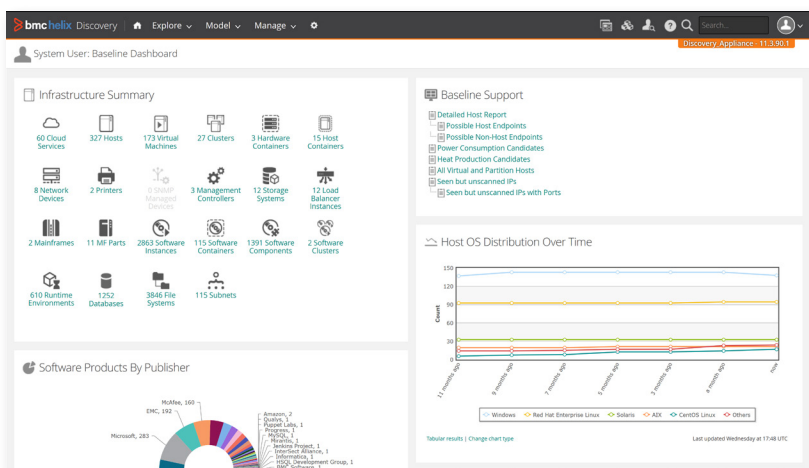
BMC Helix Discovery provides instant visibility into hardware, software, and service dependencies across multi-cloud environments. Its discovery capabilities are designed to help manage a wide spectrum of configurations including mainframe, traditional and hyper-converged infrastructures, container management,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

KEY FEATURES

- **Fast, accurate discovery:** Automatically obtain visibility into hardware, software, and service dependencies across multi-cloud, hybrid, and on-premises environments
- **Best-in-class service modeling:** Discover assets and create business service models from any starting point with start-anywhere modeling, and build services from blueprints using predefined templates with static and dynamic rules
- **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 provide 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:** Automated asset detection enables IT teams to be more efficient and productive



Baseline dashboard

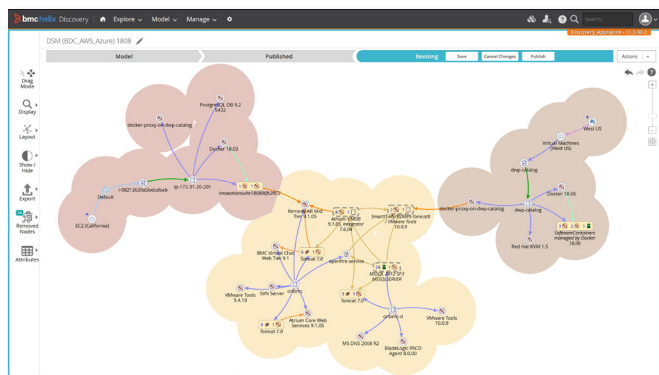
A key component of the BMC Helix platform, BMC Helix Discovery is a SaaS-based solution that acts as the primary data source for capacity planning, security, compliance, and service management. Its ability to establish how elements connect and their dependencies gives IT teams a complete, context-based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

How it works

Agentless, lightweight, and scalable: Enable rapid onboarding and minimal support with a ready-to-run, SaaS-based application that keeps all credentials and firewall rules local to the customer and under the customer's complete control.

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 of and complete visibility into discovered data via a high-performance, graph-based database.

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



Hybrid cloud application

Deep content library: Leverage an automatically updated library with 15+ years' worth of asset data, including support for the latest technologies.

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 assessments, 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: Get integrations with identity management solutions including BeyondTrust, Centrify, CyberArk, HashiCorp, One Identity, and Thycotic.

Configuration management database (CMDB) integration: Enjoy seamless integration and out-of-the-box, continuous data synchronization with BMC Helix CMDB, and integration with third-party CMDB tools through web services and database integrations.

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

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

BMC works with 86% of the Forbes Global 50 and customers and partners around the world to create their future. With our history of innovation, industry-leading automation, operations, and service management solutions, combined with unmatched flexibility, we help organizations free up time and space to become an Autonomous Digital Enterprise that conquers the opportunities ahead.

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