Gain Visibility and Control of your IT Infrastructure in the Datacentre

Trusted, Dynamic, Versatile, Robust, Dependable

IBM Application Dependency Discovery Manager provides robust, automated discovery and application mapping for building an inventory of physical hardware assets, hosted applications, configurations and their dependencies. This software builds comprehensive application maps that give you full visibility into your complex application infrastructure, helping administrators continually understand the structure, status, configuration and change history of their eternally evolving interdependent business applications.

Key Features:

- Provide faster problem resolution;
- Predict and prevent problems before they happen;
- Mitigate risk;
- Drive better business efficiencies.

IBM Application Dependency Discovery Manager aims to solve your problems by focusing on application discovery, application dependency mapping and continually tracking changes in real time across multiple sites.

In order to do this, you need to be able to understand what is in your environment, establish exactly how your application elements are dependent upon each other, and be able to identify how changes, big or small, affect your business operations.

To discover applications, you need to be able to discover not only which applications you use, but also their underlying hardware, Operating System and actual state. To achieve this, there are two methods available: being agent-less or using a script-based discovery method. Both have the option to be run concurrently and proactively with automated scheduling.

Users of IBM Application Dependency Discovery Manager are able to customise various levels of discovery to suit their business requirements;

Level 1 – Baseline Discovery

Identification of what physical systems are in your data centre and how they're configured, including:

- Computer system names;
- Operating system details;
- Hardware information.

Level 2 – Application Discovery

Understanding what applications are installed and application dependencies, including:

- Application names;
- Established ports from running applications;
- Application infrastructure.

Level 3 – Application Discovery

Used to discover detailed information not discovered by levels 1 or 2, including:

- Connected network devices;
- Virtual system discovery.

After the discovery comes the application dependency mapping process, which provides the inter-dependencies 'map' of applications, middleware, servers, and network componentry. This process groups application and infrastructure componentry based upon user specified logic.

Following dependency mapping, there is change tracking, which enables you to identify how changes affect your operations. IBM Application Dependency Discovery Manager can show how systems and applications are changing over time by cross comparing configuration items to a reference configuration.

IBM Application Dependency Discovery Manager can create a limitless holistic view of your valuable IT infrastructure, either within a single site or equally across multiple sites. The detailed data accumulated can then be seamlessly integrated into other important operational business services such as: general management and reporting interfaces; monitoring suites; provisioning toolsets as well as risk / incident / change management applications.