

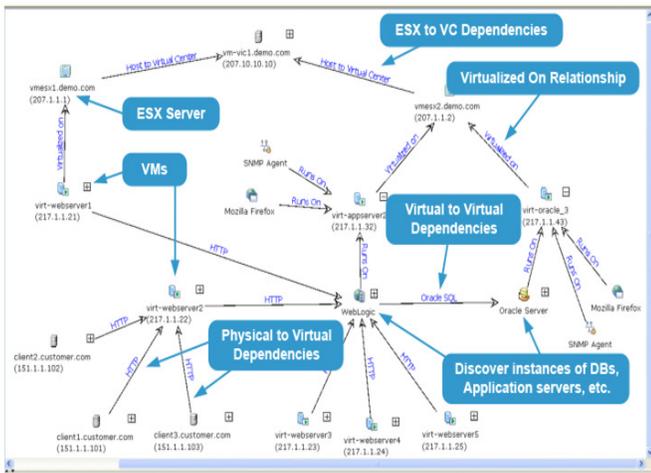
VMware Application Dependency Planner

Overview

Whether you help your customers migrate a datacenter, virtualize business critical applications, build a site recovery plan, or move a service to the Cloud, an accurate application dependency map is an essential first step.

VMware Application Dependency Planner provides automated, real-time application discovery and dependency mapping to accelerate datacenter migration, precisely plan infrastructure consolidations, and confidently virtualize business critical applications. VMware and Partner consultants can use this agentless, non-intrusive and continuous dependency mapping tool across physical and virtual application infrastructures to quickly gain an understanding of service dependencies with accuracy and efficiency.

Figure 1. Application Dependency Map for virtual and physical environment



Key Functions

VMware Application Dependency Planner’s automated, real-time application discovery and dependency mapping enables effective, dependency-driven change, incident and problem management across physical and virtual environments and can help to provide key analytical insights derived from customer environments.

Application Dependency Planner can help you to:

- Quickly and accurately map applications relationships and interdependencies via agentless discovery to accelerate datacenter consolidations and migrations, business critical application virtualization efforts, help to accurately plan for site recovery and disaster recovery projects, and confidently conduct application audits.
- Automatically discover applications out-of-the-box and uniquely identify hundreds of common application protocols via vSwitch or physical switch span.
- Confidently identify consolidation candidates based on utilization-based analytics that identify most-used and least-used connections and servers, and eliminate guesswork and reliance on tribal knowledge.
- Scale deployment across enterprise and distributed datacenters with distributed collection and traffic aggregation to provide a unified perspective.

How Application Dependency Planner Works

VMware Application Dependency Planner provides real-time, agentless discovery via application flow analysis to continuously and passively track application dependencies, demand, usage, and change events.

Agentless Application Discovery and Dependency Mapping

The agentless, top-down, auto-discovery process creates a real-time, interactive model of the entire application infrastructure in a fraction of the time and cost it would take to achieve the same results using manual methods or intrusive, agent-based technologies.

Accuracy and Speed Through vSwitch or Physical Switch Application Traffic Analysis

Passive discovery identifies applications and relationships by observing network traffic either through a span or mirror port on a physical network switch or on a VMware vSphere® vSwitch. You can augment Application Dependency Planner's passive discovery with active discovery results from VMware Capacity Planner, a tool in the Services Software Solutions portfolio that uses common network and system protocols to remotely query servers in the managed network and obtain supplementary data about network hosts. This hybrid approach allows for discovery and mapping of physical servers, virtual machines, services, applications, databases, J2EE components, application servers, and composite n-tier applications.

Application Dependency Maps

Application Dependency Planner automatically builds an interactive application dependency map and an application relationship and configuration model in just a few hours. Both the dependency map and model are reconciled across diverse data sources and maintained in Application Dependency Planner's repository. The application relationship and configuration model is then continuously updated with dependency, configuration, and usage changes.

For More Information

For more information on VMware Partner Programs and eligibility, please visit

<http://www.vmware.com/partners/partners.html>.

