

Veritas™ Application Director

Deliver centralized application control

Veritas Application Director, a member of the Veritas Server Foundation product family, is real-time infrastructure software for runtime control and policy-based automation of enterprise applications. Veritas Application Director helps companies meet the challenge of managing accelerating application environment growth with flat or declining IT staff levels. The product allows data center administrators to virtualize applications by sharing server resources across applications.

Veritas Application Director helps reduce the cost of data center management by improving administrator efficiency and system utilization. And it improves IT quality of service by increasing application responsiveness and availability.

Veritas Application Director builds upon Symantec's leadership in delivering unparalleled system manageability and availability within heterogeneous data centers. Veritas Application Director does not require any application change.

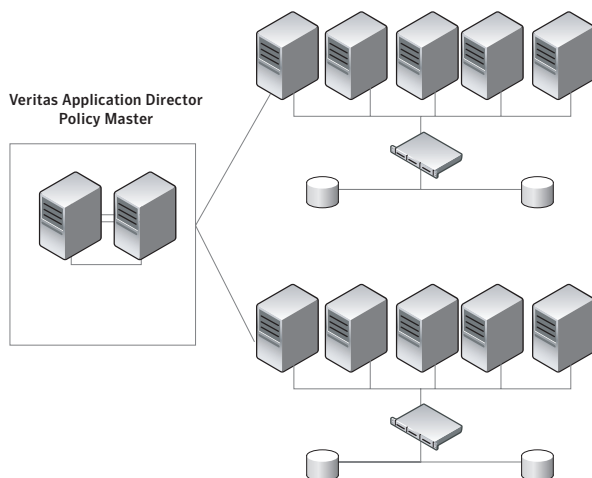


Figure 1. Veritas Application Director high level architecture

Highlights

- **Centralized policy-based application management**— Enables runtime management of all the applications in your data center from a single Web console. Veritas Application Director allows users to start and stop applications allowing applications to be moved from one server to another for planned maintenance or improved server utilization. Policies can be set for the automatic failover of applications and servers to deliver better service levels for more critical applications.
- **Server consolidation**—Permits better utilization of your data center assets by providing the means to safely and efficiently move applications to servers based on application resource requirements and server capacity.
- **IT quality of service**—Allows you to translate business priorities and service level agreements (SLAs) into policies that help ensure the highest availability and performance for your business-critical applications without requiring additional cost in building spare capacity.
- **Heterogeneous support**—Provides you with a single point of management across an application pool spanning hundreds of nodes that can include a heterogeneous mix of operating systems and physical and virtual servers.

Reduced cost of data center management

- **Policy-based automation**—Veritas Application Director helps lower the cost of data center management by allowing users to use policy-based intelligence to automate the management of business-critical enterprise applications. The potential savings come from reduced system administration, hardware, and maintenance expenses.

Application Director manages applications by controlling three core functions for the application and its components: startup sequence, shutdown sequence, and monitoring the ongoing health of the application. Application Director service groups encapsulate all required components for an application, including the file system, volume manager, virtual IP, and other critical application dependencies. Dependencies are mapped between service groups and application tiers, and can cross operating systems and disparate hardware. This allows one operator to start, stop, and restart hundreds of applications across multiple platforms.

Application Director allows users to group data center objects, such as servers and applications, together based on user-defined descriptions. This lets administrators manage those groups together as a single entity, making the process of managing multiple servers more efficient.

- **Optimal application placement to lower hardware cost**—Veritas Application Director allows users to place applications based on application resource requirements and server capacity. This enables users to free up hardware resources and realize better value from their IT investment.

Reduce risk in data center management

- **Server consolidation**—Companies that have adopted a strategy of maximizing utilization of their servers through server consolidation assume additional risks. They must manage complex configurations of data, applications, and servers, and they struggle with how to track application incompatibilities. At the same time, stacking more applications in a single physical machine or stacking virtual machines in a single physical box increases availability risks. Server consolidation requires a sophisticated HA solution that is capable of managing large environments. Veritas Application Director maximizes server utilization while minimizing associated risks by making applications more available and taking into account the business value of an application while making server consolidation decisions.

- **Introducing a process-based approach to IT**—Today, many IT organizations manage their environments largely based on experiential knowledge. Application Director helps companies model complex multi-tier applications using the concept of service groups and allows them to remove ad hoc scripts. This enables companies to run their data center in a process-oriented way.

Application Director has powerful role-based access control for clearly designating responsibilities and rights to data center employees. This ensures that employees can access only the systems to which they should have access.

- **Reduce investment risk**—Application Director is part of the Veritas Server Foundation suite. This means that you can leverage your existing system management investments and expect compatibility with your other Veritas products, as well as continued enhanced integration in the future.



Ensure availability and performance for your business-critical applications

Veritas Application Director allows system administrators to ensure that applications have improved uptime and performance without incurring additional cost on spare capacity. Veritas Application Director allows you to translate the business priority of applications into application availability policies. Hardware or application failures can be addressed immediately by the automatic restart and reallocation of applications across target hardware, based upon application priority and resource capability.

Servers running lower-priority applications act as potential spares for high-priority applications. You can also use this to run test, development, or low-priority applications on your disaster recovery site.

Veritas Application Director allows you to increase the productivity of your IT department and meet SLAs set by business users and customers. The software also helps to address the many challenges that come with managing complex server consolidation, thus allowing IT departments to achieve a better return on their existing IT investments.

Supported operating systems

- Sun™ Solaris™ (including Solaris Zones)
- VMware® ESX
- Red Hat® Linux®
- SuSE Linux
- IBM® AIX®
- Microsoft® Windows®



Enterprise application support

- BEA WebLogic®
- IBM WebSphere®
- Apache (Linux)

Enterprise database support

- Oracle®
- IBM DB2®
- Sybase®
- Microsoft SQL Server™

More information

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