



Sphera HostingDirector and ResellerDirector — End-to-End Solutions for Web-Hosting Provisioning and Management

Overview

Sphera HostingDirector and ResellerDirector are a set of Web-hosting applications designed to meet a wide range of requirements from small- to large-sized hosting service providers. For convenience, these offerings can be ordered at the time of purchase with IBM @server xSeries™ servers.

Sphera HostingDirector and ResellerDirector, also known as Sphera HostingBusiness Suite, are comprised of the following offerings:

Sphera HostingDirector Suite for Microsoft™ Windows® or Linux Red Hat — Includes a single server license and the following modules:

- ServerDirector
- DomainDirector
- ClusterDirector

Sphera HostingDirector SingleServer for Windows or Linux Red Hat — Includes ServerDirector.

Sphera ResellerDirector Base

- Provides a mechanism for resellers to perform management tasks across multiple servers from a single, centralized interface
- Recommended for use in conjunction with the HostingDirector Suite in reseller applications using dozens of servers
- Includes five server licenses

Sphera ResellerDirector Additional License — Entitles the owner of Sphera ResellerDirector Base to install this software on an additional server.

Each Sphera HostingDirector and ResellerDirector includes a one-year Software Update Subscription Service from Sphera. During this period, product and maintenance updates are made available to registered owners².

- ¹ IBM makes no representations or warranties regarding third-party products or services. Some software may differ from its retail version (if available); and may not include user manuals or all program functionality. Software license agreements may apply.
- ² Terms and conditions of this program are set forth by Sphera, not IBM.

Key Prerequisites

Supported server running in either Windows 2000 or Linux Red Hat operating system.

Planned Availability Date

February 28, 2003

At a Glance

One-stop shopping for greater convenience. Now, Web-hosting service providers can order leading Web-hosting Sphera¹ software from IBM with IBM @server xSeries servers. Select end-to-end Web-hosting solutions available for Linux or Windows operating environments. Features include:

- Service plan packaging
- Application provisioning
- Mail services provisioning
- Account and user management services
- Cluster management and monitoring
- Reseller support and management
- Hardware server management
- Domain name service (DNS) management
- Server “virtualization” provisioning

These solutions can help Web-hosting service providers:

- Reduce total cost of ownership (TCO)
- Create service packages quickly
- Improve scalability
- Improve competitiveness and customer retention
- Increase revenues

Description

Sphera HostingDirector and ResellerDirector offerings are tailored to meet a wide range of Web-hosting applications using popular Windows 2000 or Linux Red Hat operating systems. They are comprised of several products designed to cost-effectively meet a wide range of Web hosting service providers.

These offerings teamed with rack-optimized BladeCenter and xSeries 305, 335, and 345 servers are excellent solutions for performance, manageability, and reliability in high-density Web hosting applications.

Key benefits help you:

- Reduce TCO
- Improve scalability
- Reduce time to market
- Improve competitiveness, differentiation, and customer retention
- Increase revenues by letting you:
 - Expand business quickly in a controlled and effective manner
 - Create additional revenue streams
 - Enable resellers to service their customers
 - Enable self provisioning
 - Expand base of offerings

Offerings Include

- Sphera HostingDirector Suite v3.4 — Windows
- Sphera HostingDirector Suite v3.5 — Linux Red Hat
- Sphera HostingDirector SingleServer v3.4 — Windows
- Sphera HostingDirector SingleServer v3.5 — Linux Red Hat
- Sphera ResellerDirector v1.0 — Base
- Sphera ResellerDirector v1.0 — Additional license

Sphera HostingDirector and ResellerDirector are multilingual offerings. Language support includes:

- English
- Dutch
- French
- German
- Italian
- Japanese
- Korean
- Norwegian
- Portuguese
- Spanish
- Simplified Chinese
- Traditional Chinese

Sphera HostingDirector Suite for Windows or Red Hat: HostingDirector Suite is recommended for hosting service providers with Web hosting applications requiring:

- Multiple clusters
- Hosting of dozens of domains

HostingDirector Suite is comprised of the following components:

- ServerDirector
- DomainDirector
- ClusterDirector

ServerDirector provides numerous functions to help improve time to market, maximize efficiency of computer resources, and obtain maximum quality-of-service of hosted Web sites. Features include:

- Service plan packaging
- Application and mail services provisioning
- Account and user management services — Automates the creating and provisioning of accounts
- Hardware server management:
 - Usage and status reporting, monitoring service usage consumed by each Web site or reseller to include bandwidth, disk quota, CPU, memory, FTP, and e-mail accounts
 - Automatic recovery of failed processors
- Mechanism for resellers to manage their accounts — Includes access rights and account quotas
- Server virtualization provisioning:
 - Simulates multiple virtual dedicated Web application servers (VDS) on a single physical machine
 - Provides VDS technology — Delivers the quality of service (QOS) of a single dedicated machine for every Web site

DomainDirector minimizes the amount of time and effort required to manage and keep up-to-date the DNS records by providing a mechanism for automatic management of DNS records. This mechanism adds or updates the DNS record when a new account is opened or changed.

ClusterDirector provides cluster management and monitoring while enabling migration of VDSs between physical servers. It enables the hosting provider to:

- Manage multiple ServerDirectors from one central interface
- See a global view of all managed accounts across all servers — Monitoring server status, tasks, events, and warnings

Benefits of ClusterDirector include:

- Management simplification — Helps reduce overhead
- Early problem detection — Minimizes downtime
- Scaling out to support more Web sites — Adds more physical servers with minimum disruption to the Web site

Sphera HostingDirector SingleServer for Windows or Red Hat: HostingDirector SingleServer includes the same ServerDirector component of HostingDirector Suite.

This offering is for entry-sized hosting service providers using Web-hosting applications with:

- One or two clusters
- Limited number of hosted Web sites
- Limited number of DNS records to manage

Sphera ResellerDirector: ResellerDirector is used in conjunction with either HostingDirector Suite for Windows or HostingDirector Suite for Linux Red Hat. It provides the following functions:

- IP management:
 - IP ranges per cluster/server
 - Automatic IP allocation per VDS

- Monitoring and reporting of resource status of the following by reseller, server, or account:
 - Disk space
 - Bandwidth
 - Number of accounts
 - number of resellers
 - Usage
 - Availability
- Create, manage, enable, and disable reseller accounts or brands — Enabling or disabling servers
- Setting quotas for disk, bandwidth, number of VDSs for:
 - Resellers
 - Server accounts
- Create and customize service packages

Benefits of ResellerDirector let you:

- Grow fast while eliminating potential for operating errors
- Quickly respond to evolving market and customer needs
- Reduce costs by optimizing server resources and through more efficient, automated operations
- Improve reseller account manageability and administration

Reseller Guide to Offerings: A general guide describing when ResellerDirector is required in addition to HostingDirector Suite is as follows:

HostingDirector Suite	ResellerDirector
Up to 5 servers per reseller	Dozens of servers per reseller
Allows resellers to manage accounts one server at a time	Allows resellers to do centralized management across multiple servers at once
Manage on a server by server basis	

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IBM US Announcement Supplemental Information

February 25, 2003

Sphera HostingDirector/ResellerDirector

- Sphera HostingDirector Suite v3.4 — Windows® (71P9888)
- Sphera HostingDirector Suite v3.5 — Linux Red Hat (71P9889)
- Sphera HostingDirector SingleServer v3.4 — Windows (71P9890)
- Sphera HostingDirector SingleServer v3.5 — Linux Red Hat (71P9891)
- Sphera ResellerDirector v1.0 — Base (71P9892)
- Sphera ResellerDirector v1.0 — Additional License (71P9893)

Technical Information

ENERGY STAR-Compliant: No

Hardware Requirements: The optimum xSeries™ server configuration to support Sphera HostingDirector and ResellerDirector is as follows:

- 1.4 GHz/133 MHz with 512 KB L2 cache Intel® Pentium® III processor
- Between 512 MB and 1 GB of system memory
- Ultra160 SCSI or IDE controller and HDD with 600 MB of free space
- 10/100 Mbps Ethernet

Software Requirements: The following software is required for each offering:

- HostingDirector Suite v3.4 Windows 2000
 - Windows 2000 Server or Advanced Server with SP™ 2.0/3.0; installed IIS and MS DNS Server
 - Rockliffe MailSite 5.x or IPSwitch IMail 7.x (if using mail service)
- HostingDirector Suite v3.5 Linux Red Hat
 - Red Hat v7.2
 - Apache v1.3.22
 - BIND v9.2.1
 - Sendmail v8.11.2
 - WuFTP v2.6.2
 - Qpopper v4.0.3

- HostingDirector Single Server v3.4 Windows 2000
 - Windows 2000 Server or Advanced Server with SP 2.0/3.0; installed IIS and MS DNS Server
 - Rockliffe MailSite 5.x or IPSwitch IMail 7.x (if using mail service)
- HostingDirector Single Server v3.5 Linux Red Hat
 - Red Hat v7.2
 - Apache v1.3.22
 - BIND v9.2.1
 - Sendmail v8.11.2
 - WuFTP v2.6.2
 - Qpopper v4.0.3
- ResellerDirector v1.0 Base
 - Red Hat v7.2
 - HostingDirector Suite v3.4 or HostingDirector Suite v3.5
- ResellerDirector v1.0 Additional License — ResellerDirector v1.0 Base

Planning Information

Cable Orders Required: None

Installation Time: Approximately one hour

Packaging: One box

Shipment Group

- CD-ROM with User Manual, Release Notes, and Installation Guide
- Vendor License Agreement
- Maintenance contract information
- Product download instructions
- Support Registration Letter
- Welcome Letter

Security, Auditability, and Control

This product uses the security and auditability features of the system or storage unit in which it is installed.

Terms and Conditions

Features and Options Only

Licensed Programs: Yes³

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Help and Service Information

Service and support is not available through IBM.

Prices

Description	Part Number	IBM List Price⁴
Sphera HostingDirector Suite v3.4 — Windows	71P9888	\$4,139
Sphera HostingDirector Suite v3.5 — Linux Red Hat	71P9889	4,139
Sphera HostingDirector SingleServer v3.4 — Windows	71P9890	1,609
Sphera HostingDirector SingleServer v3.5 — Linux Red Hat	71P9891	1,609
Sphera ResellerDirector v1.0 — Base	71P9892	8,625
Sphera ResellerDirector v1.0 — Additional License	71P9893	1,379

⁴ IBM List Price does not include tax or shipping and is subject to change without notice. Reseller prices may vary.

For the name of the nearest IBM representative or Business Partner, call 800-IBM-4YOU (426-4968).

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