

H O S T I N G CONTROLLER

HC SHAREPOINT SERVICES MODULE SERVER CONFIGURATION *User Manual*

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Proprietary Notice

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Document Conventions

TERMS/ SYMBOLS	WHAT THEY MEAN?
BOLD	The 'Bold & UPPERCASE' text is used to highlight vital terms in the d <mark>ocument.</mark>
\bigcirc	This symbol is used as a sign for NOTE. It reminds about certain noteworthy steps or takes your attention towards the significant tasks to be done or gives additional information for your ease.
0	This symbol is used as a sign for WARNING. It highlights some steps that cannot be skipped or should be followed as stated to avoid errors and confusion.
e.g.	This symbol is used to show sample codes related to various XML nodes.

Target Audience

This document is intended for **HOST ADMINISTRATORS/RESELLERS/WEB ADMINISTRATORS** who need to install, configure and manage SharePoint Server with **HC**. It explains all the technicalities and functionalities of server configuration in detail. In addition to that, it also states the required steps to ensure flawless working of SharePoint Server with **HC**.



It is assumed that you have successfully installed latest version of **HC** and performed all the prerequisites for configuring a SharePoint Server.



Introduction

About HC

It enables web hosting companies to manage all their servers both Windows & Linux through centralized interface. You can add multiple mail servers within a cluster and offer MS-Exchange & SharePoint hosting. You can expand your business with **HC**, from one server to cluster of servers. It allows you to add new clusters as per your requirements.

HC Installation

You have to first install it on database server having windows operating system. It can be a standalone server and can have other roles such as Web, Mail and DNS as per your requirements. For further as<mark>sistance, refer to <u>HC Installation Guide</u>.</mark>

HC Pre-requisites and Working

Before Installation, you should know the pre-requisites of **HC**. You have to install **Microsoft SQL Server**. Instead of this, if you want, you can also download **HC** installer, in which **MSDE** is bundled free, depending on your requirements. You have to install Mail Server such as **Mail Enable** or any other. For websites, you have to install **IIS** and **DNS**.

Following figure illustrates working of **HC** in a cluster environment:





About Microsoft Windows SharePoint Services

Microsoft Windows SharePoint Services 3.0 is a versatile technology that organizations and business units of all sizes can use to increase the efficiency of business processes and improve team productivity. With tools for collaboration that help people stay connected across organizational and geographic boundaries, Windows SharePoint Services (WSS) gives people access to information they need.



Built on Microsoft Windows Server 2003, Windows SharePoint Services also provides a foundation platform for building Web-based business applications that can flex and scale easily to meet the changing and growing needs of your business. Robust administrative controls for managing storage and Web infrastructure give IT departments a cost-effective way to implement and manage a high-performance collaboration environment. With a familiar, Web-based interface and close integration with everyday tools including the Microsoft Office system, Windows SharePoint Services is easy to use and can be deployed rapidly.

Key Features

Some of the salient features of Microsoft Windows SharePoint Services 3.0 are as follows:

- Collaborate Easily and Effectively
- Deploy a Manageable Infrastructure
- Provide a Foundation of Web Based Applications
- Empower IT to make a Strategic Impact

Post Installation Steps

HC supports SharePoint Server with Active Directory and not as a standalone server.

After installing **HC** and SharePoint Server on single or multiple machines, you need to configure the entire setup. You have to follow these steps as stated, to omit faults & errors during SharePoint Server configuration.

Steps to Follow

Configuration of SharePoint Server comprises of mainly two steps i.e. **Enable SharePoint Server** and **Add SharePoint Server**. Later sections of this document describe each of them in detail.

Enable SharePoint Server

Follow these steps to enable SharePoint Server for your cluster.

1. Login as Host Administrator to Control Panel



Control Panel	Login
6	Username : hostadmin Password : •••••• Language : English 💌 Sign In Reset
	If you have forgotten your password, click on the "Forgot Password" link to have a reminder sent to you at the e-mail address you specified during registration.
	[Forgot Password]
p	owered by Hosting Controller

2. After successful login, following screen is displayed:

e Adrimi i neadrinii j cangdag	ge : English		[Home] [Sigr
sting_Controller		- 100 × 14	Parceller Land
General Server Manager User Manager Domains	Welcome ! Hosting Controller is complete hosting automatic an ideal application to diversify web hosting sen environment for both Windows & Linux servers.	on solution and vers in cluster This is all what	Display Settings Reserved Change Quick Display Change Quick Change Quick Links
Hosting Manager Hosting Plans Billing System	you need to put your hosting business on auto p	System Information	
Reports	Windows Family	T-1-1 T-1	D
Toolbox	Web Server		0 Websites
Tools	Mail Server	1	0 Mail Domains
Auto Signup	Database Server	1	0 Databases
	SharePoint Server	0	0 SharePoint Sites
System	Linux Family		
System	No Linux server found		
My Server Migration	Servers Status Plans Tickets		
	Server Name	Status	
Help	All servers up and running.		
Trouble Ticket Message Center			

3. Go to "General >> Server Manager" as highlighted in the previous screenshot. It opens following screen:

Server Name		Primary IP Address	OS Family	Licensing Status	Build Number	Status
Manage Your Servers				My Ser	Add Server	Global Settings
erver Name :	Q	[Advance Search]		2		



4. Go to "Global Settings". It opens following screen:

Server Manag	er :: Global Settings	0 0
-		My Servers Add Server
Windows Fa	mily Linux Family DNS Server Mail Server Database Server Share	Point Server
Web Server	:	
	Services	Options
3	User Accounts	MS FTP
	ODBC DSN	✓ Enable
	COM Registration	Enable
	Index Server Catalogs	Enable .
	ASPFusion Components	Enable
	Sub-Domains	✓ Enable
	Domain Registration	Enable
	IP F d Dg ts	

5. Select "Windows Family >> SharePoint Server". It opens following screen:

Windows Fa	mily Linux Family	
Web Server	DNS Server Mail Server Database Server Share	Point Server Dynamics CRM Server
SharePoint 9	Server :	
	Services	Options
•	SharePoint Enabled	🗹 Enable 🔶
		SharePoint 3.0 🗸
	SharePoint Properties	
	Database Maximum Size	Server Default
	Database Warning Size	Server Default
		Save Settings

Enable the checkbox for SharePoint Server and then select "Enable". It enables the SharePoint Server. Select your required options from the list for the services and select "Save Settings". It updates the changes and enables SharePoint Server for your cluster as shown below:



Succ	:ess : Glo	bal Settings of the Cluster	updated successful	y.				
Win	dows Fam	ily Linux Family						
We	b Server	DNS Server Mail Server	Database Server	ShareP	Point Server	Dynamics CRM Server		
Shar	SharePoint Server :				V			
	Services				Options			
	SharePoint Enabled			🗹 Enable				
					SharePoint	3.0 💌		
		SharePoint Properties			-			
	Database Maximum Size			Server Def	ault 🔽			
		Database Warning Size			Server Def	ault 💌		
							Sav	e Settings

Add SharePoint Server

To make your server a SharePoint Server, you have to add a server and assign it a role such as SharePoint Server. Follow these steps to make your server a SharePoint Server.

1. Go to "General >> Server Manager"

Admin : hcadmin Languag	e : English		[Home] [Si
ting_Controller		100	
General Server Manager User Manager Domains	Welcome ! Hosting Controller is complete hosting automatic an ideal application to diversify web hosting serv environment for both Windows & Linux servers.	In solution and vers in cluster This is all what	Display Settings Change Password Tutorials
Hosting Manager Hosting Plans Billing System Reports	you need to put your hosting business on auto p Message Center Control Panel Summary Windows Family	System Information	
Toolbox	Available Servers Web Server	Total Instances	Resource Usage 0 Websites
Tools Auto Signup	DNS Server Mail Server	1	0 DNS Zones 0 Mail Domains
2.1	SharePoint Server	0	0 SharePoint Sites
System My Server Migration	No Linux server found Servers Status Plans Tickets		
Help	Server Name All servers up and running.	Status	
Trouble Ticket Message Center			

It opens following screen:



	Primary IP Address	US Family	Licensing Status	Build Number	Status
-		OC Family	Line of a Chalman	Durild Name have	Chatra
Manage Your Servers				Tota	Settings
erver Name :	🔍 [Advance Search]		My Se	Add Server	Global
rver Manager :: My Servers				X	0

2. Go to "Add Server", it opens following screen:

endly Name :		Salesguy 💌	
mary IP Address :		192.168.0.51	
perating System :		Windows Family	
hat is the Role of this Server in the Clus	ster?		
Server Role	Role	Capacity	Purposing
Web Server	700	Websites	Everyone(Reseller, End User) 💌
DNS Server	500	DNS Zones	Everyone(Reseller, End User) 💌
Mail Server	500	Mail Domains	Everyone(Reseller, End User) 🔽
Database Server	300	Databases	Everyone(Reseller, End User) 🔽
→ 🗹 SharePoint Server	700	SharePoint Sites	Everyone(Reseller, End User) 🔽
Dynamics CRM Server	700	CRM Sites	Everyone(Reseller, End User) 💌

• Friendly Name:

It is the list of available servers; you can select one as per your requirements.

- *Primary IP Address:* It is the unique IP Address of the selected Server.
- *Operating System:* It shows the supported operating system.
- *Server Role:* It allows you to select role for the server, you are going to add.
- Role Capacity: It shows the maximum limit of supported domains/DNS/mail domains/databases/Sites on Web/DNS/Mail/Database/SharePoint Server respectively.



• Purposing:

It allows you to specify end user for the selected server. You can dedicate your server to only resellers as well as to everyone according to your requirements.

3. Select "Next" to proceed, it opens following screen:

SharePoint 3.0
192.168.0.236
8080
CONTROLLER/JOHN
•••••
HostingController
http:// Enterprisecrm 1 8080

- *SharePoint Version*: It is the SharePoint Version.
- Server IP Address:

It is the IP address of the server, you are going to add.

• Server Port:

It is the Port of web application. In SharePoint, the sites are created under that web application. You can create this web application using "SharePoint Central Site Administration" Web site.

Credential User name:

Specify user name in this field. It should be in the format as "**DOMAIN\USER**".



Suppose your domain name is **HOSTING_CONTROLLER**. You can specify user name as:

HOSTING_CONTROLLER\JOHN



- *Credential Password:* Specify password to access the server.
- *Confirm Password:* Re-enter your password in this field.
- *Web Application Site:* Select your web application from the list.
- *Web Application URL:* Specify URL for web application web site.

Select "Add Server" to apply the changes. It adds a SharePoint Server with the specified information.

Managing SharePoint Server

Once you have installed **HC** and SharePoint Server on a single or multiple machines, you need to create a **RESELLER**. A **RESELLER** then creates **DOMAIN** under which a SharePoint sites are going to be created.

In order to manage SharePoint Server, logon as a Reseller/Web Admin and follow these steps as stated:



1. Go to "Toolbox >> Tools" section as shown below:

2. Select "SharePoint", it opens following screen:



Tools :: SharePoint Manager :: SharePoint Sites	No SharePoint site found.	SharePoint Access ORL	owner Name
Tools :: SharePoint Manager :: SharePoint Sites	SharePoint Site Name	SharePoint Access URI	Owner Name
Site Name : Q Site Name : Q Site Name : Q Site Name : Q	SharePoint Sites		Total SharePoint Sites : 0
Tools :: SharePoint Manager :: SharePoint Sites 🛛 🔪 🧿 🙆	Site Name :		SharePoint Sites
	ools :: SharePoint Manager :: SharePoint Sit	es	\ 0

3. You can see, currently, there is no SharePoint site added. Select "Add SharePoint Site" to add a SharePoint Site. It opens following screen:



Prior to add a SharePoint Site, make sure you have created a domain under which the SharePoint sites are going to be created.

Add SharePoint Site			
Site Name :	HOSTING_CONTROLLER.com 💌 *		
URL :	http://SalesguyHOSTING_CONTROLLER.com*		
Title :	SharePoint_Site *		
Description :	~ ~		
Owner Name :	smith@HOSTING_CONTROLLER.com		
Template Name :	Team Site 💌		
Locale :	English - United States 💌		
Advance Settings	Configure		
Database Maximum Size :	Server Default MB		
Database Warning Size :	Server Default MB		
		Add SharePoint Site	

• Site Name:

It is the domain name under which SharePoint sites are created. Select your required domain from the list. All the SharePoint users have this domain in their UserPrincipalName in Active Directory like <u>user@domain.com</u> and are kept in an Organizational Unit in Active Directory with the path: ADDomain\Hosting\Reseller\Domain.com

• URL:

It is the URL of the site being created.

Title:

Specify title of the SharePoint Site being added.



Description:

Specify brief description regarding the SharePoint Site.

• Owner Name:

It shows the owner name of this website being created. It is always the web admin of the domain, under which this SharePoint site is being created.

Template Name:

Select your required skin/template from the list for the site, you are going to add.

Locale:

Select required locale from the list. It defines user's language.

Advance Settings:

It shows further more options as:

- Database Maximum Size: Either specify maximum size for the database in this field or leave it as "Server Default" to assign default value to this field.
- Database Warning Size:

Specify maximum size for the database, to send a warning to the user when the database size reaches the specified limit. To assign default value to this field, leave it as "Server Default".

Select "Add SharePoint Site". It adds the site with the specified information. You can add multiple SharePoint Sites by following the steps stated above.

Contact Us

In case of any ambiguity/query regarding **HC**, please feel free to contact us at <u>support@hostingcontroller.com</u>