

H O S T I N G CONTROLLER

SSL CERTIFICATE INSTALLATION WITH HC User Manual

© Hosting Controller 1998 – 2010. All Rights Reserved.



Contents

Proprietary Notice	3
Document Conventions	3
Target Audience	3
Introduction	4
About HC	4
HC Installation	4
HC Pre-requisites and Working	4
About GlobalSign	5
SSL Certificate Installation with HC (Only From GlobalSign)	6
Steps to Follow	6
AlphaSSL	8
DomainSSL	8
OrganizationSSL	9
SSL Certificate Installation with HC (Directly Purchased From Certificate Issuin	g
Authority)	2
Steps to Follow	2
Contact Us	4



Proprietary Notice

© 2010 Hosting Controller. All Rights Reserved.

This document is the property of, and contains proprietary information of Hosting Controller. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, for any purpose other than consideration of the technical contents without the written acquiescence of a duly authorized representative of Hosting Controller.

Document Conventions

TERMS/ SYMBOLS	WHAT THEY MEAN?
BOLD	The 'Bold & UPPERCASE' text is used to highlight vital terms in the document.
\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.

Target Audience

This document is intended for **WEB ADMINISTRATORS** who need to install SSL Certificate through **HC**. It explains all the technicalities and functionalities of the installation process in detail. In addition to that, it also states the required steps to ensure flawless working of the certificate.



It is assumed that you have successfully installed **HC** and performed all the prerequisites to install the certificate.



Prior to install SSL Certificate, you need to configure **GLOBALSIGN** (The Certificate Issuing Authority) with **HC**. For details regarding the configuration process, refer to <u>http://www.hostingcontroller.com/english/support/HC8Manuals/HC GlobalSign Configuration.pdf</u>.



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 assistance, refer to <u>HC Installation Guide</u>.

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 GlobalSign

GLOBALSIGN has been securing identities, websites and transactions, worldwide, since 1996. **GLOBALSIGN** is a well established Certification Authority and SSL Certificate Provider. A leader in public trust services since the very birth of the commercial Internet, **GLOBALSIGN** Certificates are trusted by all popular browsers, Operating Systems, devices, and applications. **GLOBALSIGN** is an expert in providing trusted Certificates and secure mobile technology to cellular and mobile devices. **GLOBALSIGN** has a rich history of investors, including ING Bank and Vodafone. Now,



GLOBALSIGN are part of a GMO Internet Inc group company - a public company quoted on the Tokyo Stock Exchange (TSE: 9449) whose shareholders include Yahoo! Japan, Morgan.

SSL Certificate Installation with HC (Only From GlobalSign)

To install SSL Certificate, login as a **WEBADMIN** and follow the series of steps as stated to avoid faults and errors.

Steps to Follow

a) After successful login, following screen is displayed:

Admin : webadmir	1 Langua	ige : English			-			[Ho	me j [Sign
					re i	- 1 4 -	2. P.	1.0	
General User Manager Domains		Welcome Hosting Controller i an ideal application environment for bo	s complete hosting automatio to diversify web hosting serv th Windows & Linux servers.	n solution and ers in cluster This is all what	Profi	ile Display Settings	Change Password	Online Tutorials	Quick Links
Hosting Man Hosting Plans Billing System	ager	you need to put you Message Center	ur hosting business on auto pi Resource Usage Summary	lot. System Informat	tion				
Funds Manage Reports	er			Allocated		Used	L	.eft	
_		User Accounts		~~		3		~	
Toolbox	oolbox	Sub-Domains		~		1		~	
		Web Space (MB)		~		266 3127		~	
(Tools)		Bandwidth (MB)		~~~		0		20	
\smile		SOL Server Databas	es	00		0		>>	
		MySQL Databases		~		13		~	
System My Server		Plans Billing	Tickets						
		Total Plans			7				
		Sold Plans			0				
		Suspended Plans		0					

b) Go to "Toolbox >> Tools". It opens following screen:



c) Select "Dedicated SSL". It opens following screen:



Dedicated SSLs Total Dedicated SSLs : 0	Tools :: Dedicated SSL Man: Website Name :	ager :: Dedicated SSLs		Dedicated SSLs	2 Add Dedicated SSL	3 Install SSL Certificate
Redected Redected Redected Redected	Dedicated SSLs	0	64 Tura		Total Dedica	ated SSLs : 0

Currently, no Dedicated SSL is added in the system.

- 1) *Dedicated SSLs:* It shows all the existing Dedicated SSLs.
- 2) *Add Dedicated SSL:* It allows you to install SSL Certificate only from GLOBALSIGN.
- 3) *Install SSL Certificate:* It allows you to install SSL Certificate that you have purchased directly from some Certificate Issuing Authority.
- d) Select "Add Dedicated SSL". It opens following screen:

Fools :: Dedicated SSL Manager :: Add Ded	icated SSL	0
Steps		Dedicated SSLs Add Dedicated SSL
General Information User Informatio	n Approver Email Order Confirmation	
General Information		
Website Name :	mydomain.com 💌	
SSL Type :	AlphaSSL 💌	
Base Options :	⊙ Standard ○ Wild Card	
Validity Period :	1 🛛 Year	
	·	Next >>



There must exist an IP based domain to install/add dedicated SSL. In case of no IP based domain, go to "General >> Domains >> Add Website" to add one.

There are four different steps to install SSL Certificate from **GLOBALSIGN**.

I. You need to specify general information such as:



- ✓ Select the domain on which you want to install the certificate, from the dropdown list.
- ✓ Select SSL Type from the dropdown list as required.



Among the SSL Types, AlphaSSL is the cheapest of all. DomainSSL is expensive than AlphaSSL and OrgizationSSL is most expensive. For details regarding the SSL Types, refer to: <u>http://www.globalsign.com/ssl/</u>

AlphaSSL

General Information	User Information	Approve	er Email Order Confirmation
General Information			
Website Name :			mydomain.com 💌
SSL Type :			AlphaSSL 🗸 🗸
Base Options :			Standard ○ Wild Card
Validity Period :			1 💌 Year
			Next >>

DomainSSL

General Information	User Information	Approver Email	Order Confirmation
General Information			
Website Name :		mydor	nain.com 💌
SSL Type :		Domai	nSSL 🔽 🕶
Base Options :		📀 Stan	idard 🔿 Wild Card
Validity Period :		1 💙 Y	'ear
Subject Alternative Names (SANs) :			bled
Unified Communi	ications (UC) Support	: 🗹 En	abled
		✓ ov ✓ au ✓ m	_{va} ,mydomain.com Itodiscover,mydomain.com ail,mydomain.com
Additional Subdo	main Support :	🗹 En	abled
		sub.	mydomain.com
		(Enter	one Subdomain per line.)
Internal Hostnam	ne Support :	🗹 En	abled
		loca	lhost 📉
		(Enter	one Internal Address per line.)
			Next >>



OrganizationSSL

General Information	User Information	Approver Email	Order Confirmation						
General Information									
Website Name :		mydon	nain.com 💌						
SSL Type :		Organi	OrganizationSSL 🗸 🗲 🗕						
Base Options :		💿 Stan	ndard 🔘 Wild Card						
Validity Period :		1 🕶 Y	/ear						
Subject Alternative Name	es (SANs) :	💌 Ena	ibled						
Unified Communi	ications (UC) Support	: 🗹 En	nabled						
		🗹 ov	_{va} , mydomain.com						
		V au	utodiscover, mydomain.com						
		🗹 m	ail, mydomain.com						
Additional Subdo	main Support :	En	nabled						
		sub.	mydomain.com						
		(Enter	one Subdomain per line.)						
Internal Hostnam	e Support :	En En	nabled						
		loca	lhost						
		(Enter	one Internal Address per line.)						
Public IP Address	Support :	En En	nabled						
		192.	168.0.21						
		(Enter	one Public IP Address per line.)						
Additional FQDN S	Support :	En	nabled						
		myho	st.mydomain.com						
		(Enter	one Domain Name per line.)						
			Next >>						

FQDN is Fully Qualified Domain Name. Also known as Absolute Domain Name. For example: Given a device with a local hostname 'myhost' and a parent domain name 'example.com', the fully qualified domain name is written as 'myhost.example.com'. This fully qualified domain name therefore uniquely identifies the host — while there may be many resources in the world called myhost, there is only one myhost.example.com.

✓ Select "Base Options" as required.

-- Standard means that certificate is only for the selected website e.g. "domain.com"

-- Wildcard means that certificate is also for all of its sub domains i.e. "*.domain.com"



- ✓ Specify validity period for the certificate to be installed.
- ✓ Select "Next" to proceed to the second step.
- II. You need to specify user and organization information such as:

General Information	User Information	Approver Email	Order Confirmation	
Webadmin Information	1			
First Name :		webadr	nin1 *	
Last Name :		webadr	nin1 *	
Email Address :		examp	le@mydomai *	
Phone :		webadr	nin1 *	
Organization Informati	ion			
Organization Name :		Hosting	Controller *	
Organizational Unit :		Suppor	t Department *	
Country :		United	States	×
City :		webadr	nin1 *	
Locality/State :		Alaban	ia *	
				Next >>

- ✓ Specify information as required.
- ✓ Select "Next" to proceed to the second step.
- III. Your specified information will be sent to GLOBALSIGN for verification. They send you list of email addresses with the domain name you ordered. You have to select one e-mail address from the list and GLOBALSIGN sends you confirmation email on the selected email address.

General Information	User Information	Approve	r Email	Order Confirmation	
Approver Email					
Please select an email ac (You will receive an appro Authority. Make sure you address from the list.)	idress : wal email from SSL have selected a val	Certificate id email	 admi admi hostr postr root(sslad 	in@mydomain.com inistrator@mydomain.com master@mydomain.com master@mydomain.com @mydomain.com dmin@mydomain.com	
					Next >>

Select valid e-mail address as you will receive an approval e-mail on the selected e-mail address.

✓ Select "Next" to proceed to the second step. It opens following screen:



General Information	User Information	Approver f	Email	Order Confirmation				
General Information								
Website Name :		r	mydom	ain.com				
SSL Type :		[Domain	SSL				
Base Options :		5	Standar	ď				
Validity Period :		t	1 Year					
Subject Alternative Na	mes (SANs)							
Unified Communications (UC) Support			owa.m autodi mail.m	ydomain.com scover.mydomain.com nydomain.com				
Webadmin Informatio	n							
First Name :		v	webadm	nin1				
Last Name :		v	webadmin1					
Email Address :		e	example@mydomain.com					
Phone :		v	webadmin1					
Organization Name :		ŀ	Hosting Controller					
Organizational Unit :		s	Support Department					
Country :			US					
City :		v	webadm	nin1				
Locality/State :			Alabama					
Approver Email								
Approver Email :			administrator@mydomain.com					
Funds Information								
Total Cost :		2	249.00	CRC				
						\rightarrow	Add Dedicate	ed SSL

✓ Select "Add Dedicated SSL" to install the SSL with the specified information. It opens appropriate message as:

ools :: Dedicated SSL Mana	ger :: Dedicated SSLs				0
Website Name :	0		Dedici	Add Dedicated SSL	Install SSL Certificate
Success : Dedicated SSL a	added successfully.	-		Total Dedica	ited SSLs : 2
Uninstall SSL					
Website Name	Owner Name	СА Туре	Order Id	Certificate Stat	us
0	the desired	ol l lo:	05201002082261	Danding for Ann	
🕑 mydomain.com	webadmini	Globalsign	CE201003082281	Pending for App	roval

This success message is not for successful installation rather it indicates that **HC SERVICE** has started working to download & install the certificate in the backend. The status as "Pending for Approval", indicates that your request is submitted and **GLOBALSIGN** is waiting for your reply to their e-mail.

There is one more status as "Pending" that installation is being done on your website. Once the certificate is installed the status will be changed to "Installed".



IV. Once you, confirm email from GLOBALSIGN, HC SERVICE downloads the certificate from GLOBALSIGN and installs it on the selected website. On successful installation, a message is displayed accordingly.



SSL Certificate Installation with HC (Directly Purchased From Certificate Issuing Authority)

To install SSL Certificate that you have directly purchased from some Certificate Issuing Authority, login as a **WEBADMIN** and follow the series of steps as stated to avoid faults and errors.

Steps to Follow

a) After successful login, following screen is displayed:

						[Hor	me] [Sign Out]
		1015	X	1. 18 <u>1</u> 8 - 1		110	
General User Manager Domains	Welcome ! Hosting Controller is complete hosting automation an ideal application to diversify web hosting server environment for both Windows & Linux servers. Th	solution and 's in cluster is is all what	Profi	e Display Settings	Change Password	Online Tutorials	Quick Links
Hosting Manager Hosting Plans Billing System Funds Manager Reports	you need to put your hosting business on auto pilo	t. System Informat Allocated	ion	Used	Le	ft	
Toolbox	Jser Accounts Domains Sub-Domains	00 00 00		3 13 1	×	> >	
	Neb Space (MB) Bandwidth (MB) SQL Server Databases	∞ ∞ ∞		266.3127 0 0	×	5 5 5	
System	MySQL Databases Plans Billing Tickets	~		13	×	Þ	
My Server	rotal Plans Sold Plans Suspended Plans		7 0 0				



b) Go to "Toolbox >> Tools". It opens following screen:



c) Select "Dedicated SSL". It opens following screen:

Website Name No Dedicated SSL found.	Owner Name	CA Type	Order Id	Certificate Status		
Dedicated SSLs					Total Dedica	ted SSLs : 0
Website Name :	0			Dedicated SSLs	Add Dedicated SSL	Install SSL Certificate
ools :: Dedicated SSL Mana	ager :: Dedicated SSLs			(1)	(2)	3

Currently, no Dedicated SSL is added in the system.

- 1) Dedicated SSLs: It shows all the existing Dedicated SSLs.
- 2) Add Dedicated SSL: It allows you to install SSL Certificate from GLOBALSIGN.
- **3)** *Install SSL Certificate:* It allows you to install SSL Certificate that you have purchased directly from some Certificate Issuing Authority.
- d) Select "Install SSL Certificate". It opens following screen:



Fools :: Dedicated SSL Manager :: Install SSL Certificate				• •
		Dedicated SSLs	Add Dedicated SSL	Install SSL Certificate
Install SSL Certificate				
Website Name :	mydomain.com 💌			
Certificate Type :	GlobalSign			
Certificate Directory :	webadmin1\mydomain.com Bro	owse		
	·			Install SSL

- ✓ Select website to install certificate for.
- ✓ Specify type of certificate.
- ✓ Select "Browse" to specify exact path for certificate directory.
- ✓ Select "Install SSL" to specify the certificate with the specified information. It opens appropriate message accordingly.

That's it! You have successfully installed the SSL certificate.

Contact Us

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