Table of Contents

How to Configure BioStar 2 to use HTTP or HTTPS protocol	1
Configuration for HTTPS	2

System Configuration, BioStar 2, HTTPS, "HTTP"

How to Configure BioStar 2 to use HTTP or HTTPS protocol

Starting Biostar 2.5, the default protocol that BioStar 2 web server uses is HTTPS to ensure better security in the communication between the server and client.

You can still change to HTTP, but no information will be encrypted in that communication protocol. Below is the port configuration for HTTPS you will see on installation.

Use a different port than 443 if it is being used.

Port Settin	ng Enter a valid port numbe	я.	
HTTPS	Port for Web Server		
Enter the The defa	e desired port number betwe ault port number is 443.	en 10 and 65534.	
_)
Device	Port for Communicati	on	
Enter the The defa	e desired port number betwe sult port number is 51212.	en 10 and 65534.	
51212	Availability: Taken by othe	r application.(Entertech.Biometric	(Servic)

Do not be alarmed when the connection to your BioStar 2 client shows as not secure. This is because the server's certificate has to be installed on the client PC first. Follow the guideline below to resolve the error message.

Privacy error ×
← → C ▲ Not secure bttp5// 192.168.14.14:444
Xour connection is not private
Attackers might be tailed to steel your information from 1921681414 (for example, passwords, messages
or credit cards). Learn more
NET:ERR_CERT_AUTHORITY_INVALID
Automatically send some <u>system information and page content</u> to Google to help detect dangerous apps and sites. <u>Privacy policy</u>
ADVANCED BACK TO SAFETY

Configuration for HTTPS

1. Open **BioStar Setting**.

If the default HTTPS port (443) is used by another service, change it to another value.

😰 BioStar Setting			×
Service Status			
BS2 The Bid	oStar 2 service has been started.	Running	Stop
Port 44	3 in use by "Skype.exe".	Error	Start
Web Server Configurat	tion		
💥 нттры р	Port 443		

2. Open BioStar 2's web browser with https://[server IP]:[port number] on Chrome. It will appear with a warning page as below:

← → C 隆 bttps://192.168.16.49:444

1		
	×	
	\mathbf{a}	

Your conn	ection is not private	
Attackers might passwords, mes	be trying to steal your information fro sages, or credit cards). NET::ERR_CERT_AU	om 192.168.16.49 (for example, UTHORITY_INVALID
Automatically	report details of possible security incidents	to Google. <u>Privacy policy</u>
Hide advanced		Back to safety
This server could your computer's attacker interce	d not prove that it is 192.168.16.49 ; its s operating system. This may be caused pting your connection.	s security certificate is not trusted by d by a misconfiguration or an
Proceed to 192.16	8.16.49 (unsafe)	

- 3. Click Proceed to XXX.XXX.XX.XX (unsafe).
- 4. Log in with a BioStar 2 administrator account.

Bio	Star 2
admin	
	Login

5. Go to **Setting > HTTPS**.

4/5

BioStar 2	🔞 Setting 🕧 Abou	t 🕐 Help			
Dash Board	Setting				
A USER	Q	N	Fi	E	
DEVICE	ACCOUNT	PREFERENCE	CARD	CARD FORMAT	SERVER
DOOR		<u>بت</u> ا			
	TRIGGER & ACTION	SCHEDULE	ALERT	нттря	CLOUD

6. Click Cert.Download button to obtain a file named cert-register.zip.

L HTTPS
Infomation
In order to use https protocol for BioStar, the certification must be installed. Please download and run certification installation executable before accessing BioStar with https protocol.
Cert. Download

7. Unzip the cert-register.zip and run cert-register.exe file.

Name	Date modified	Туре	Size
Certmgr	12/29/2015 8:10 AM 2/11/2015 4:57 PM	File folder Application	2,211 KB

8. On the **Enrollment Certification** window, enter the ip address of BioStar 2 server along with the HTTPS port you assigned on step 4 and then click **Enrollment** button.

Enrollment Certification				
Server Address : 192.168.16.49:444				
	Enrollment	Cancel		

9. Read the **Security Warning** message and click **Yes**.



10. Once the tool successfully installed the certificate, you will see the following window to complete the process. Please click **OK** to confirm it.



11. To verify the installation, restart the web browser and try open the BioStar 2 web page. Make sure error message you encountered on step 2 is no longer presented.

To change the protocol from HTTP to HTTPS, refer to the article below: How to change from HTTP to HTTPS

From:

http://kb.supremainc.com/knowledge/ -

Permanent link: http://kb.supremainc.com/knowledge/doku.php?id=en:how_to_configure_https_settings_for_the_web_client&rev=1507687726

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