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System Configuration, BioStar 2

BioStar 2 Installation

Before you start, please check the system requirements

System Requirements

Item		Small	Medium	Enterprise
1.000 (0.000 (0.000)	Total Users	500	5,000	10,000
Environment	Total Devices	50	100	1,000
	os	Windows 7 Home Basic 64 bit or later Windows 7 Home Basic 32 bit or later	Windows Server 2008 R2 Standard 64 bit or later Windows 7 Home Premium 64 bit or later	Windows Server 2008 R2 Standard 64 bit or later Windows 7 Home Premium 64 bit or later
System requirement	Database	MariaDB 10.1.10 or later, Oracle Data	, abase 11g , Oracle Database 11g Expre	ss, Oracle Database 12c
(Server)	CPU	2 GHz Dual Core	3 GHz Quad Core	3 GHz Quad Core
	RAM	6 GB	10 GB	16 GB
	HDD	500 GB	1 TB	2 TB
	CPU	1 GHz	1 GHz	1 GHz
System requirement (Client)	RAM	4 GB	4 GB	4 GB
(emm)	Web Browser	Google Chrome 49 or later(recommen	i ded), Internet Explorer 11 (Windows 7	, 8), Edge (Windows 10)

Note Note



· BioStar 2 is optimized for Google Chrome.

If you use BioStar 2 Cloud, cannot connect to BioStar 2 through Internet Explorer or Edge.

Use Oracle Database on 64bit system only.

• When using Oracle Database as a T&A database, up to 200,000 users can be managed.

1. Run the setup file according to the server OS version. If it is 64bit OS, run the setup file named BioStar 2 Setup(x64).xxxx.exe.



2. Choose the language and check to accept the agreement.

- 3. Decide the database installation type.
 - Express installation automatically install BioStar 2 default database, MariaDB.
 - **Custom Installation** is required when installing BioStar 2 DB instance in the existing database, such as MSSQL and MariaDB.

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<Back Next > Cancel

nstall a new database or	S
n MariaDB server. atabase server	
existing database on the local or remote se e created and configured	rver. I
	existing database on the local or remote se c created and configured

🔛 Setup - BioStar 2(x64)

allation assword for data

> ly English letters, numbers from 0 to 9, al characters (e.g. 1, \$, #, %).

Express Inst

4. When Express Installation is selected, enter the root database password according to the requirement. When Custom Installation is selected, enter the existing database IP, Port, and account information.

It's very important to keep the password not to be lost, since
it's necessary to enter when upgrading the sever version.

5. Select the location where BioStar 2 will be installed. We recommend to install at the default location.



6. Check the port availability and change it when the default is taken by another application.

Port Setting Port Setting Enter a val	id port number.	
HTTP Port for Web Enter the desired port n The default port numbe) Server number between 10 and 65534. r is 80.	
Device Port for Co Enter the desired port n The default port numbe 51212 Availability: C	mmunication number between 10 and 65534. r is 51212.	
	< Back Ne	ext > Cancel

7. Select components you want to install. For the case of using BioMini or USB card enrollment device at a HR desk, It's necessary to install USB device Agent.

Which components should be insi	talled?
Select the components you want install. Click Next when you are r	to install; dear the components you do not want to eady to continue.
Full installation	•
BioStar 2	1,614.1 MB 1,614.1 MB
Current selection requires at leas	st 2,022.7 MB of disk space.

8. Check the details and click 'Install' button to start.

Ready to Install Setup is now ready to begin install	ing BioStar 2(x64) on your compu	iter.	4
Click Install to continue with the in change any settings.	stallation, <mark>or click Back if you wan</mark>	t to review or	
Destination location: C:₩Program Files₩BioStar 2	(x64)	*	
Setup type: Full installation			
Selected components: BioStar 2 Server USB Device Agent			
4			
	< Back Ins	stall Cancel	



9. Wait the installation progress until it completely finishes. Try not to stop the installation during the progress.

10. After finishing the installation, it asks to confirm Root Certificate Store message. It is used for HTTPS communication between the browser and the server. If you have another certificate, you can apply it manually through BioStar server setting, and if you do not store a certificate, HTTPS is not able to be used, and only HTTP can be used.



11. Also, BioStar setting will be shown along with a pop-up asking for a USB card enrollment device driver installation. If you want to use a USB card enrollment device at the installed server PC, please continue to install the driver.



12. After finishing the installation, check the BioStar Setting to confirm the system status.

B52 The	BioStar 2 service has been star	Running	Stop	
The	Core Web Server service has b	Running	Stop	
TAA Tho	T&A Wah Conjer conjeg has h	on started	Punoing	
	Toon web berver service rids b	Kunning	Stop	
Web Server Confir	wration			
	P Port 82	-		
*	P Poic			
Database Server C	onfiguration			
DB Type	Maria DB			
Host	127.0.0.1	Port	3312	
AC DB Name	biostar2_ac			
AC DB User	biostar2_ac_user	AC DB PW	********	
	biostar_tna			
TA DB Name		TA DB PW	*******	
TA DB Name	biostartnauser		· ·	
TA DB Name TA DB User	biostartnauser	Čwa	1	

==== See Also ==== * When you cannot start BioStar 2 Server

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