

# Table of Contents

BioStar 2 Revision Notes .....	1
Precautions when upgrading BioStar 2 .....	1
Revision Notes .....	2

# BioStar 2 Revision Notes

## Precautions when upgrading BioStar 2

- Do not install BioStar 2 on a PC where BioStar 1 is installed. This may cause performance problems.
- If BioStar 2.3.0 is installed on top of a BioStar 2.2.1 or 2.2.2 installation, all information stored in the SQLite database is migrated to a new MariaDB database.
- Upgrading directly from the existing version to the latest version is possible from BioStar 2.6.0 or higher. If the installed version is lower than 2.6.0, installing all versions in a correct sequence until reaching version v2.6.0 is essential.

Current Version	Upgrade Path
<b>2</b>	2.2.1 > 2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.2</b>	2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.2.1</b>	2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.2.2</b>	2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.3</b>	2.4 > 2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.4</b>	2.4.1 > 2.5.0 > 2.6.x or 2.7.x > 2.8.x
<b>2.5</b>	2.6.x or 2.7.x > 2.8.x
<b>2.6</b>	2.8.x
<b>2.7</b>	2.8.x

- If you are using Windows 8.1 or Windows Server 2012 R2, install the KB2919355 update by referring to the following web page.[<https://support.microsoft.com/en-us/help/2919355/windows-rt-8-1--windows-8-1--and-windows-server-2012-r2-update-april-2>]
- If MS SQL Server and BioStar 2 are installed on different PCs, you should install the Native Client on a PC with BioStar 2 installed.[<https://www.microsoft.com/en-us/download/details.aspx?id=50402>]
- When backing up a database from an older version of BioStar 2, disable all services and procedures. Furthermore, if you do not back up and restore the AC database and the TA database together, you will not be able to use the TA database.
- If you want to back up the database of BioStar 2, be sure to also back up the enckey in the \Program Files\BioStar 2 (x64)\util folder and the system.conf and setting.conf file in the \Program Files\BioStar 2(x64) folder. Otherwise, the database will be unavailable.
- The default values for the ports used by BioStar 2 are as follows. If another program occupies the same port, BioStar 2 may not work properly.

Port		
• HTTP Port	80	Available
• Web-socket Port	9002	Available
• Database Port	3312	Available
• T&A HTTPS Port	3002	Available
• FastCGI Port	9000	Available
• Unified Gateway HTTPS Port	5002	Available
• Report HTTPS port	4214	Available
• HTTPS Port	443	Available
• API Port	9010	Available
• T&A HTTP Port	3000	Available
• T&A Cloud Port	52001	Available
• Unified Gateway HTTP Port	5000	Available
• Report HTTP port	4213	Available

## Revision Notes

- [Version 2.9.0 \(V2.9.0.73\)](#)  
2022-09-15
- [Version 2.8.17 \(V2.8.17.62\)](#)  
2022-08-25
- [Version 2.8.16 \(V2.8.16.56\)](#)  
2022-04-13
- [Version 2.8.15 \(V2.8.15.12\)](#)  
2022-02-16
- [Version 2.8.14 \(V2.8.14.74\)](#)  
2021-12-15
- [Version 2.8.13 \(V2.8.13.22\)](#)  
2021-10-28
- [Version 2.8.12 \(V2.8.12.10\)](#)  
2021-08-02
- [Version 2.8.11 \(V2.8.11.60\)](#)  
2021-07-16
- [Version 2.8.10 \(V2.8.10.37\)](#)  
2021-04-08
- [Version 2.8.9 \(V2.8.9.53\)](#)  
2020-12-29
- [Version 2.8.8 \(V2.8.8.10\)](#)  
2020-10-29
- [Version 2.8.6 \(V2.8.6.38\)](#)  
2020-09-21
- [Version 2.8.5 \(V2.8.5.46\)](#)  
2020-08-25
- [Version 2.8.4 \(V2.8.4.34\)](#)  
2020-18-05
- [Version 2.8.3 \(V2.8.3.10\)](#)  
2020-07-21
- [Version 2.8.2 \(V2.8.2.3\)](#)  
2020-07-10
- [Version 2.8.1 \(V2.8.1.35\)](#)  
2020-06-10
- [Version 2.8.0 \(V2.8.0.106\)](#)

- 2020-05-15
- [Version 2.7.14 \(V2.7.14.52\)](#)  
2020-04-03
- [Version 2.7.12 \(V2.7.12.39\)](#)  
2020-01-15
- [Version 2.7.11 \(V2.7.11.65\)](#)  
2019-12-04
- [Version 2.7.10 \(V2.7.10.21\)](#)  
2019-09-19
- [Version 2.7.8 \(V2.7.8.42\)](#)  
2019-07-17
- [Version 2.7.7 \(V2.7.7.38\)](#)  
2019-06-19
- [Version 2.7.6 \(V2.7.6.16\)](#)  
2019-05-20
- [Version 2.7.5 \(V2.7.5.7\)](#)  
2019-04-11
- [Version 2.7.4 \(V2.7.4.25\)](#)  
2019-03-20
- [Version 2.7.3 \(V2.7.3.23\)](#)  
2019-02-25
- [Version 2.7.2 \(V2.7.2.19\)](#)  
2019-01-15
- [Version 2.7.1 \(V2.7.1.13\)](#)  
2018-12-20
- [Version 2.7.0 \(V2.7.0.50\)](#)  
2018-11-21

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