

ASSA ABLOY

SWMN23B 12/23



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Revision History

Document Date	Software Version
12/23	8.0.26.0



1. Introduction

This installation manual provides information on performing a basic installation of the Door Service Router (DSR) software version 8.0.26.0 and higher.

IMPORTANT: Be sure to verify all hardware for compatibility with Windows[®] operating system. See the Microsoft[®] website (www.microsoft.com) for more information.



Pre-Installation Checklist

Before installing the DSR software, verify the following:

- Dedicated server (physical or virtual machine (VM)) with a static IP.
- Appropriate Windows operating system installed and configured.
- Appropriate Windows OS service packs installed.
- Network is currently operational.
- Link to current DSR install file.

DSR Requirements

Software System Requirements

 Operating System: Windows 10 or Windows 11 Pro; Windows OS Server 64 bit 2016, 2019, or 2022

NOTE: Before installing the DSR software on a Windows 2019 server, confirm .NET 3.5 framework is installed.

- Java[®] Runtime Environment: 1.8.0 (installed with DSR)
- Apache Tomcat[®]: 9.0.0.M20 (installed with DSR)
- PostgreSQL 13 (installed with DSR)
- Browser Compatibility and Default: Microsoft Edge, Mozilla Firefox, Google Chrome

IMPORTANT: The server installation location, along with the username and password is required for DSR installation. If this is a previous installation, those details need to be available.



Hardware Requirements (minimum)

NOTE: Minimum requirements apply per DSR.

Up to 128 locks:

- Desktop/laptop
- Four (4) CPU cores
- Eight (8) Gb RAM
- 75 Gb free HD space
- Windows 10 Pro, Windows 11 Pro, Windows Server 64 bit 2016, 2019, or 2022

Up to 1024 locks:

- Desktop/laptop
- Four (4) CPU cores
- Eight (8) Gb RAM
- 75 Gb free HD space
- Windows 10 Pro, Windows 11 Pro, Windows Server 64 bit 2016, 2019, or 2022

Up to 2048 locks:

- Desktop/laptop
- Eight (8) CPU cores
- 16 Gb RAM
- 100 Gb free HD space
- Windows 10 Pro, Windows 11 Pro, Windows Server 64 bit 2016, 2019, or 2022



2. Installation

Do the following to install the DSR software:

- 1. Log in to the computer where DSR is being installed with a domain account with local Administrator privileges. (If a domain is not present, use an Administrator account.)
- 2. Close any open applications and disable virus-checking software.
- 3. Go to the access control software provider's website location designated for DSR installer download.*
- 4. Download the DSR installation package.
- 5. Select and run the installer. Follow the instructions contained in the installation screens (see details below).

*User account registration may be required at the OEMs website to ensure the EAC application is compatible with the DSR version posted and available for download.

Some of the installation screens are different when installing an update versus a new installation. Update screens are noted in the process that follows.

Run Installer

Ensure the .net framework is installed.

Run the DSR Setup Wizard and follow the onscreen directions.

Introduction

This Setup screen guides the user through the installation process.

Click the **Next** button to continue.

InstallAnywhere			
InstallAnywł	nere is preparing to install		
	7%		Cancel
Door Service Router 8.0.27.0 Introduction Clicense Agreement Choose Installation Folder	This wizard will guide you through the ins Router (DSR). It is recommended that you close all other	tallation of Do	troductio
Support Tool Configuration Support Tool Configuration DSR Server Configuration Pre-Installation Summary Installing Installing	starting Setup. This will make it possible t files with out having to reboot your compu Click the 'Next' button to proceed to the ne change something on a previous screen, You may cancel this installation at any tim	o update rele ter. ext screen. If y click the 'Prev ne by clicking	vant system you want to vious' button. the 'Cancel'
	button.	io by circuing	
matanenywhere			



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Stopping DSR Service

This screen only appears when installing an update. The existing DSR Service must be stopped before the new version of the software can be installed.



C:\Program Files\DSR

Restore Default Folder Choose.

Previous

Next

O Install Complete

Cancel

License Agreement

The DSR End User License Agreement (EULA) must be accepted for the DSR installation to continue.

Click the I accept the terms of the License Agreement check box.

Click the **Next** button to continue.

Choose Installation Folder

Select the destination folder for the installation. Default location is C: ProgramFiles DSR.

Click the **Next** button to continue.





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PostgreSQL Server Configuration

PostgreSQL Server Configuration

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Choose PostgreSQL Installation Location

Select the destination folder for the PostgreSQL installation. It is a common option to host the DSR database on its own environment on the local server. Note that the PostgreSQL can be installed on a different drive, preferably a local drive. For example *D*:|.

Click the Next button to continue.

Please Choo	se a PostgreSQL	Installation Locati	ion:				×
Look įr	n 📑 Document	s		-	1	•	
Recent Desktop							
Documents							
This PC							
Network	Folder name: Files of type	Users\			Ŧ]	Open Cancel



Specify PostgreSQL Server details

Database

Username Password:

Confirm Password

Specify PostareSQL Server deta

PostgreSQL Server Configuration

The PostgreSQL database server will be secured by a user-determined password. Remember this password.

NOTE: There is no set minimum length. Empty password is not allowed. Password must contain at least one uppercase character and one lowercase character. Special characters not allowed in the password are: /, \$\$, or space. One dollar sign (\$) is allowed. Using space and quote (") will generate an error message advising a PostgreSQL corrupt error.

Enter a password in the **Password** field.

Enter the same password in the **Confirm Password** field. If the passwords do not match an error message is displayed.

If installing an update, enter the existing password for the PostgreSQL database.

Click the **Next** button to continue.

NOTE: The access control software provider and ASSA ABLOY may be unable to provide support without proper access to the DSR database.



InstallAnywhere

Cancel

Introduction

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Introduction

Installing

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Next



DSR Support Tool Configuration

The DSR offers a web-based support tool for advanced configuration and troubleshooting. This web service is protected by an administrative password that is specified at the time of installation.

Roles: The Admin role has full access to the DSR application. The User role has read-only access to the Facility View and Reports tab in the application.

Enter an **Admin Name** and **Password**. Enter the same password in the **Confirm Password** field. If the passwords do not match an error message is displayed.

Enter a **User Name** and **Password**. Enter the same password in the **Confirm Password** field. If the passwords do not match an error message is displayed.

Introduction License Agreement Choose Installation Folder Database Configuration Drs Server Configuration Drs. Salves Configuration Install Complete Install Complete Deserver	**
Commit assword.	**

Password Requirements:

A strong password must be more than eight (8) characters in length and must satisfy all of the following criteria:

- It must contain uppercase letters
- It must contain lowercase letters
- It must contain numbers
- It must contain non-alphanumeric characters, i.e., #, %, ^

Click the **Next** button to continue.

Door	Service Router (DSR) Setup	×
1	A strong password must be more than 8 characters in length and satisfy at least three of the following four criteria: It must contain uppercase letters. It must contain nowercase letters. It must contain numbers. It must contain non-alphanumeric characters; for example, #, %, or	or ^.
	ОК	

NOTE: The access control software provider and ASSA ABLOY may be unable to provide support without proper access to the DSR Support Tool as an Administrator and postgreSQL database.



DSR Server Configuration

Specify the DSR Access Data port, Lock port, Event port and Security valve. Enable or disable WS-security and TSL/SSL security (https) based on the OEM requirements.

NOTE: Refer to the access control provider's integration manual for recommended settings. Incorrect settings may render the system inoperable.

 Access Data Port - this is the port where DSR exposes its web service, which is consumed by EAC. Default values are 8080 for http and 8443 for https.

		DSR Se	rver Cor	nfigura	atio
 Introduction License Agreement Choose Installation Folder Database Configuration Support Tool Configurati DSR Server Configuration Pre-Installation Summary Installing Install Complete 	Indeguate changes to may render the system support. Access Data Port Lock Port Event Port Security Valve: WS Encryption: TLS/SSL Security:	the DSR server configuration p noperable. If in doubt, Please of 2571 3001 127.0.0.1(0.00.00.00 0 true of false	arameters contact		
nstallAnywhere Cancel		_	Previous	Ne	ext

- Lock Port this port is opened in DSR for communication with a lock, example: 2571.
- **Event Port** this port (9001) is opened in DSR for communication with Lenel OG only. This field does not appear if integration is not being done with Lenel OG.
- **Security Valve** this is a list of IP Addresses to provide remote access to other workstations to use the DSR.

To add a new IP address, use | before the IP address in case of multiple IP addresses. DO NOT MODIFY the following data string or values (127.0.0.1|0:0:0:0:0:0:1) Example: 127.0.0.1|0:0:0:0:0:0:0:1|10.57.10.46|192.168.1.20

- **Enable WS-Security** (true/false) WS-Encryption is used to encrypt the web-service data. EAC application will mandate which setting is appropriate. Consult with your EAC application provider.
- **TLS/SSL Security** (https) (true/false) SSL-Encryption to enable HTTPS communication, default port is 8443. EAC application will mandate which setting is appropriate. Consult with your EAC application provider.

Click the **Next** button to continue.

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Pre-Installation Summary

Review the installation details. If any information is incorrect, click the Previous button to go back and change it.

Click the **Install** button to begin the installation.

Door Service Router 8.0.27.0	- 🗆 X
	Pre-Installation Summary
 Introduction License Agreement Choose Installation Folder Database Configuration Support Tool Configuration DSR Server Configuration Pre-Installation Summary Installing	Please Review the Following Before Continuing: Product Name: DSR Install Folder: C:\Program FilesIDSR Product Features: Application Help DSR Server Port: 8080 TCP Listening Port 2571 Besiews Instellation Directory:
InstallAnywhere Cancel	Previous Install

Installing DSR

A progress screen is displayed while the DSR software is being installed.

A success message is displayed when the installation/ upgrade has successfully completed. Click the **Done** button to quit the installer.

It is recommended to reboot the computer to complete the installation.

Door Service Router 8.0.27.0	X
	Install Complete
 Introduction License Agreement Choose Installation Folder Database Configuration Support Tool Configuration Pre-Installation Summary Installing Install Complete 	Congratulations! DSR has been successfully installed to: C:/Program Files/DSR Press "Done" to quit the installer.
InstallAnywhere Cancel	Previous





NOTE: If the installation fails, contact Technical Support at 800-810-9473 for assistance.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.



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ASSA ABLOY Americas 110 Sargent Drive New Haven, CT 06511 USA www.assaabloy.com