

1Data Gateway

Installation Guide

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1 Introduction

This guide explains how to install 1Data Gateway. For information on installing 1Data Gateway as a service, please contact 1Spatial support.

The procedures contained within this document apply to both Windows and Linux environments, unless specifically indicated.

For more information about new features and changes in this release, and hardware and software requirements, refer to the *1Data Gateway Release Notes*.

Audience

This guide is intended for personnel responsible for the installation, configuration and administration of software.

The procedures detailed in the guide should be performed by a system administrator who is familiar with the environment of the organisation.

Licenses

1Data Gateway licenses will be issued via email.

1Spatial Product Support

If assistance is required while installing 1Data Gateway, please call 1Spatial support on +44 (0)1223 423069, or visit the support section of the 1Spatial website via the Services menu at www.1spatial.com.

2 Installation Prerequisites

Before installing 1Data Gateway, please ensure you have met all system requirements and installed all necessary prerequisite components:

1 Integrate

As 1Data Gateway works alongside an existing installation of 1Integrate, a number of the prerequisites are shared:

- ▶ For information about installing 1Integrate, please refer to the 1Integrate installation guide.
- ▶ For versions of 1Integrate supported by 1Data Gateway, please refer to the 1Data Gateway release notes.

System Requirements

Please see the *1Data Gateway Release Notes* for specific requirements for this release.

System Requirements

The following are recommended system requirements for a 1Data Gateway installation:

- ▶ 2 CPU cores minimum
- ▶ 1GB minimum RAM available for 1Data Gateway processes

Storage

1Data Gateway stores submission data locally, including any artefacts that are generated during the submission so disk space is required.

A media retention policy can be configured in the 1Data Gateway UI. This will define how long any uploads will remain on the system, from the following options:

- ▶ Never retain
- ▶ Retain for period

- ▶ Retain forever

For more information on defining a media retention policy, please see Specifications in the 1Data Gateway documentation.

3 Installing 1Data Gateway

1Data Gateway is released as an executable JAR package, for installation the following steps must be followed:

1. Un-zip the file `1Data_Gateway_[version_number].zip` to a directory on the machine you are installing on
2. Edit the **application.yml** file to configure the location of 1Integrate and other configuration parameters:

Parameter	Description	Value
spring	N/A	N/A
datasource	Fill the following to configure which datasource 1Data Gateway will use.	N/A
url	The URL for the database set up in PostgreSQL	URL
username	The username for the database you have set up.	String
password	The password that has been defined for the PostgreSQL database.	String
mail	Input the following connection details of the SMTP server you will be using	N/A
host	The host for the mail server	URL
port	The port number through which the port number is accessible	Integer
app	N/A	N/A
mediaManager	Configure media storage below	N/A

Parameter	Description	Value
mediaRoot	The root address location for media storage	File path
mailSender	Configure the following to define the email location.	N/A
from	The address from which emails will be sent to users.	URL
enabled	Set true or false to enable email sending.	Boolean
server	Enter the following to define the server port for 1Data Gateway	N/A
port	The server port on which 1Data Gateway is located. <div style="border: 1px solid gray; padding: 5px; width: fit-content;">  Note: The default port is 9090 </div>	Integer

Once the configuration file as been defined, perform the following steps:

1. Double-click on **1datagateway.bat**
2. In your chosen browser, proceed to the address `http://[machine name]:[port number]`
3. Log in to 1Data Gateway using the following credentials:

Login	admin@1spatial.com
Password	admin1

 **Note:** Once logged in, for security purposes, it is recommended that you change the Admin User's email and password in the My Account section of the User Interface.

Connecting to 1Integrate

Once you have installed 1Data Gateway, a default connection to 1Integrate is established at:

baseUri	http://localhost:8080/1Integrate/rest/
----------------	--

username	INTWService
password	integrate103

If your 1Integrate installation is different to the default, an administrative user of 1Data Gateway can change them.

To do this, navigate to the **1Integrate Connection** tab of the **System** settings in the 1Data Gateway user interface and change the details as required.