

Service Description

IBM Watson Studio

This Service Description describes the Cloud Service. The applicable order documents provide pricing and additional details about Client's order.

1. Cloud Service

1.1 Offerings

The Client may select from the following available offerings.

1.1.1 IBM Watson Studio Enterprise

Watson Studio service is an integrated development environment offering a suite of tools and capabilities that is designed to assist data scientists to enhance their productivity.

This Cloud Service allows Client to analyze data using RStudio, Jupyter notebooks, SPSS Modeler, Data Refinery, Decision Optimization and other tools in a configured, collaborative environment.

RStudio is integrated in the offering and provides a development environment for working with R.

This Cloud Service:

- provides Jupyter notebooks which are a web-based environment for interactive computing. Client is able to run small pieces of code that processes data, and then view the results of that computation inside of the notebook;
- includes Projects that allow Client to orient a team of collaborators around a set of notebooks, data sets, articles, models, and analysis work streams;
- provides the ability to create Projects that include data flow execution capabilities along with sampling and profiling;
- includes Decision Optimization as a capability, for the user, to write models, using docplex API in Jupyter Notebooks, or using a graphical interface, to create or import an existing model. Models supported are LP/MIP models, CPO models, OPL models, or Python models. CPLEX and CP Optimizer engines are embedded in Watson Studio; and
- entitles Client to 1 Instance, 10 Authorized Users and 5000 Capacity Unit-Hours.

IBM Cloud is a technical pre-requisite for utilizing the Watson Studio Enterprise service. New users can register for access via the online registration form: <https://console.ng.bluemix.net/registration/>.

1.2 Optional Services

1.2.1 IBM Watson Studio Enterprise Additional Authorized User

This offering allows Client to acquire additional Authorized User entitlements to the Cloud Service.

1.2.2 IBM Watson Studio Enterprise Bundle

This offering allows Client to acquire additional Thousand Capacity Unit-Hour entitlements to the Cloud Service.

2. Data Processing and Protection Data Sheets

IBM's Data Processing Addendum at <http://ibm.com/dpa> (DPA) and the Data Processing and Protection Data Sheet(s) (referred to as data sheet(s) or DPA Exhibit(s)) in the links below provide additional data protection information for the Cloud Services and its options regarding the types of Content that may be processed, the processing activities involved, the data protection features, and specifics on retention and return of Content. The DPA applies to personal data contained in Content, if and to the extent i) the European General Data Protection Regulation (EU/2016/679) (GDPR); or ii) other data protection laws identified at <http://ibm.com/dpa/dpl> apply.

<https://www.ibm.com/software/reports/compatibility/clarity-reports/report/html/softwareReqsForProduct?deliverableId=6B5148E0537F11E6865BC3F213DB63F7>

3. Service Levels and Technical Support

3.1 Service Level Agreement

IBM provides Client with the following availability service level agreement (SLA). IBM will apply the highest applicable compensation based on the cumulative availability of the Cloud Service as shown in the table below. The availability percentage is calculated as the total number of minutes in a contracted month, minus the total number of minutes of Service Down in the contracted month, divided by the total number of minutes in the contracted month. The Service Down definition, the claim process and how to contact IBM regarding service availability issues are in IBM's Cloud Service support handbook at https://www.ibm.com/software/support/saas_support_overview.html.

Availability – Highly Available Public or Multiple Dedicated/Local Environments	Availability – Other Environments	Credit (% of monthly subscription fee*)
Less than 99.95%	99.5%	10%
Less than 99.9%	99.0%	25%

* The subscription fee is the contracted price for the month which is subject to the claim.

3.2 Technical Support

Technical support for the Cloud Service, including support contact details, severity levels, support hours of availability, response times, and other support information and processes, is found by selecting the Cloud Service in the IBM support guide available at <https://www.ibm.com/support/home/pages/support-guide/>.

4. Charges

4.1 Charge Metrics

The charge metric(s) for the Cloud Service are specified in the Transaction Document.

The following charge metrics apply to this Cloud Service:

- Authorized User is a unique user authorized to access to the Cloud Services in any manner directly or indirectly (for example, through a multiplexing program, device or application server) through any means.
- Instance is each access to specific configuration of the Cloud Services.
- Capacity Unit-Hour is an hour of use of the selected Cloud Services capacity type that will be multiplied by the specified number of required capacity units for such capacity type.

For the purposes of this Cloud Service, a minimum charge of 0.16 Capacity Unit Hours will apply each time a Capacity Type is initiated.

Capacity Type	Capacity Units Required Per Hour
1x4 = 1 vCPU and 4 GB RAM	0.5
2x8 = 2 vCPU and 8 GB RAM	1
3x12 = 3 vCPU and 12 GB RAM	1.5
4x16 = 4 vCPU and 16 GB RAM	2
8x32 = 8 vCPU and 32 GB RAM	4
16x64 = 16 vCPU and 64 GB RAM	8
1 K80 = 4 vCPU and 24 GB RAM and 1 NVIDIA K80 GPU	4
2 K80 = 8 vCPU and 48 GB RAM and 2 NVIDIA K80 GPU	8
4 K80 = 16 vCPU and 96 GB RAM and 4 NVIDIA K80 GPU	12
Decision Optimization: 1x4 = 1 vCPU and 4 GB RAM	20.5
Decision Optimization: 2x8 = 2 vCPU and 8 GB RAM	21

Capacity Type	Capacity Units Required Per Hour
Decision Optimization: 3x12 = 3 vCPU and 12 GB RAM	21.5
Decision Optimization: 4x16 = 4 vCPU and 16 GB RAM	22
Decision Optimization: 8x32 = 8 vCPU and 32 GB RAM	24
Decision Optimization: 16x64 = 16 vCPU and 64 GB RAM	28

5. Additional Terms

For Cloud Service Agreements (or equivalent base cloud agreements) executed prior to January 1, 2019, the terms available at <https://www.ibm.com/acs> apply.

5.1 HIPAA

Notwithstanding information in the Data Sheet for this Cloud Service regarding the Health Information Portability and Accountability Act of 1996 ("HIPAA") and the permitted use of Health Information and Health data as Types of Personal Data and/or Special Categories of Personal Data (collectively, "Health Data") with this Cloud Service, use of Health Data with this Cloud Service is subject to the following limitations and conditions:

Only the following offerings are eligible to be provisioned to implement the controls required under HIPAA Privacy and Security Rule for use with Health Data:

- IBM Watson Studio Enterprise

Only the offerings listed above may be provisioned to implement the HIPAA Privacy and Security Rule controls for use with Health Data if Client notifies IBM in advance that Client will use Health Data with the Cloud Service and IBM confirms in writing that the Cloud Service will be provisioned for Health Data usage. Accordingly, the Cloud Service may not be used for the transmission, storage or other usage of any Health Data protected under HIPAA unless (i) Client provides IBM such notification; (ii) IBM and Client have entered into an applicable Business Associate Agreement; and (iii) IBM provides Client with express written confirmation that the Cloud Service can be used with Health Data.

In no event shall the Cloud Service be used for processing PHI as a health care clearinghouse within the meaning of HIPAA.

5.2 Auto-generated Notebook

The auto-generated notebooks are subject to the International License Agreement for Non-Warranted Programs (or equivalent) and License Information document for Watson Studio Auto-generated Notebook ("License Terms"), such agreements located in the link below. Specifically, the Source Components and Sample Materials clause included in the License Information document for Watson Studio Auto-generated Notebook applies to the auto-generated notebooks. By downloading, copying, accessing, or otherwise using the materials, Client agrees to the License Terms.

http://www14.software.ibm.com/cgi-bin/weblap/lap.pl?li_formnum=L-AMCU-BHU2B7&title=IBM%20Watson%20Studio%20Auto-generated%20Notebook%20V2.1