

IBM Cloud Additional Service Description

IBM Db2 Hosted Paygo

Except as noted below, the terms of the IBM Cloud Service Description apply.

1. Cloud Service Description

The IBM Db2 Hosted offering provides a database on IBM's SoftLayer global cloud infrastructure. It offers Clients the rich features of an on-premise Db2 deployment without the cost, complexity, and risk of managing their own infrastructure.

1.1 Fixed-Sized Plans

1.1.1 IBM Db2 Hosted Standard Small Paygo

Virtual private server with 2 x 2.0 GHz Xeon Cores, 8 GB RAM, First Disk 100 GB (SAN), Second Disk 500 GB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 500 IOPS, Workgroup Server Edition (Native Encryption included).

1.1.2 IBM Db2 Hosted Standard Medium Paygo

Virtual private server 4 x 2.0 GHz Xeon Cores, 16 GB RAM, First Disk 100 GB (SAN), Second Disk 1 TB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 1,200 IOPS, Workgroup Server Edition (Native Encryption included).

1.1.3 IBM Db2 Hosted Standard Large Paygo

Virtual private server 8 x 2.0 GHz Xeon Cores, 32 GB RAM, First Disk 100 GB (SAN), Second Disk 2 TB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 1,600 IOPS, Workgroup Server Edition (Native Encryption included).

1.1.4 IBM Db2 Hosted Standard XLarge Paygo

Bare metal server 12 x 2.4 GHz Xeon Cores, 128 GB RAM, Disk Controller – 2 x 800 GB SSD – Configured with RAID (800 GB), 6 x 1.2TB SSD – Configured with RAID 10 (3.5TB), 10 Gbps Redundant Public and Private Network Uplinks, Db2 Workgroup Server Edition (Native Encryption included).

1.1.5 IBM Db2 Hosted Advanced Small Paygo

Virtual private server with 2 x 2.0 GHz Xeon Cores, 8 GB RAM, First Disk 100 GB (SAN), Second Disk 500 GB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 500 IOPS, Db2 Advanced Enterprise Server Edition.

1.1.6 IBM Db2 Hosted Advanced Medium Paygo

Virtual private server 4 x 2.0 GHz Xeon Cores, 16 GB RAM, First Disk 100 GB (SAN), Second Disk 1 TB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 1,200 IOPS, Db2 Advanced Enterprise Server Edition.

1.1.7 IBM Db2 Hosted Advanced Large Paygo

Virtual private server 8 x 2.0 GHz Xeon Cores, 32 GB RAM, First Disk 100 GB (SAN), Second Disk 2 TB (SAN), 1 Gbps Public and Private Network Uplinks, Performance Storage 100 GB at 1,600 IOPS, Db2 Advanced Enterprise Server Edition.

1.1.8 IBM Db2 Hosted Advanced XLarge Paygo

Bare metal server 12 x 2.4 GHz Xeon Cores, 128 GB RAM, Disk Controller – 2 x 800 GB SSD – Configured with RAID 1 (800 GB), 6 x 1.2TB SSD – Configured with RAID 10 (3.5TB), 10 Gbps Redundant Public and Private Network Uplinks, Db2 Advanced Enterprise Server Edition.

1.1.9 IBM Db2 Hosted Advanced 2XLarge Paygo

Bare metal server with 32 x 2.0 GHz Xeon Cores, 1TB RAM, Disk Controller – RAID, 16 x 1.2TB SSD with RAID 10 (10TB), 2 x 800 GB SSD – Configured with RAID 1 (800 GB), 10 Gbps Redundant Public and Private Network Uplinks, Db2 Advanced Enterprise Server Edition.

1.2 Flex Plan

1.2.1 IBM Db2 Hosted VPC Flex Paygo

The "Base Flex Plan" includes one Db2 SQL database per service in a private virtual server instance with 1 Virtual Processor Core (VPC), 4 GB RAM, and 100 GB of storage for data and logs. Additional compute or storage resources can be applied to scale beyond this base configuration via three pay-per-use parts (see section 1.2.2 below).

1.2.2 Scaling the Db2 Hosted Flex Plan

Client is responsible for scaling their private Instance beyond the base configuration using the parts below. VPCs to RAM must never drop below a ratio of 1 VPC to 4 GB RAM.

a. **IBM Db2 Hosted VPC Flex Paygo, Pay per Use**

"VPC Flex" provides one VPC per month for use in the Client's virtual server Instance.

b. **IBM Db2 Hosted RAM Flex Paygo, Pay per Use**

"RAM Flex" provides one Gigabyte of RAM per month for use in the Client's virtual server Instance.

c. **IBM Db2 Hosted Storage Flex Paygo, Pay per Use**

"Storage Flex" provides expansion of additional Gigabytes (100 GB to 2000 GB each) for up to 3 requests for use in the Client's virtual server Instance.

2. Content and Data Protection

The Data Sheet applicable for this service and the terms of this section provides the details and terms, including Client responsibilities, around use of this service. The following Data Sheet(s) apply to this service.

<https://www.ibm.com/software/reports/compatibility/clarity-reports/report/html/softwareReqsForProduct?deliverableId=FAE03D80E5C411E7974C181B76870538>

2.1 Security Policies

The Cloud Service is controlled by the Client and must be maintained to the Client's security standards.

2.2 Personal Information and Regulated Data

This Cloud Service is not designed to any specific security requirements for regulated content, such as personal information or sensitive personal information. Client is responsible to determine if this Cloud Service meets Clients needs with regard to the type of content Client uses in connection with the Cloud Service.

2.3 Service Integrity and Availability

The data center is monitored 24x7. Client will be notified of hardware failures. Monitoring and responding to OS or software failures is the responsibility of the Client, engaging IBM support as required.

2.4 Activity Logging

Client is responsible for activity logging, as needed.

2.5 Encryption

Db2 native encryption is included for all configurations of the Db2 Hosted service. Db2 native encryption encrypts Client's Db2 database and provides secure local key management based on Public Key Cryptography Standard #12 (PKCS#12). Client is responsible for the implementation of encryption, including set-up and maintenance.

3. Service Level Agreement

SLA credits are not offered with this Cloud Service.

4. Entitlement and Billing Information

4.1 Charge Metrics

The following charge metric(s) apply to this service:

- Instance – An Instance is access to a specific configuration of the Cloud Service. Client will be charged for each Instance of the Cloud Service that exists during each month during the billing period.

4.2 Partial Month Charges

Each Instance is billed on a monthly basis. Partial month deployment/usage will be pro-rated.

5. Additional Terms

5.1 Client's Obligations

Client is obligated to install patches for Db2, operating system, and other software in a timely manner to avoid defects, avoid security issues, and maintain currency with new functionality.

Client may:

- Only install and run software on the Cloud Service that is directly related to performing or supporting use of data through the pre-installed Db2 software. Client is prohibited from installing or using any other software of any kind on the Cloud Service.
- Install additional open source packages for use with the Cloud Service on the nodes. IBM is not obligated to support these packages and is not responsible for impacts to the performance of the Cloud Service (i.e. Db2, the operating system, or the hardware platform as a whole) due to these additional packages.

5.2 Prohibited Components for IBM Db2 Hosted Standard Paygo configurations

If Client's entitlement for the Cloud Service offering is designated as "Standard", Client is not authorized to use any of the following components or functions:

- column-organized tables
- pureScale clustering technology
- Database Partitioning
- Row Compression
- Adaptive Compression
- Materialized Query Tables
- Multi-Dimensional Clustering
- Query Parallelism
- Connection Concentrator
- Access Plan Reuse
- Scan Sharing
- Workload Management
- Governor
- Continuous Data Ingest
- Multi-temperature Storage
- Intelligent Mining
- Unstructured Text Analysis
- Cubing Services
- Accessing federated data in Db2 for i or Db2 for z data servers
- Accessing federated data in non-IBM data servers
- SQL Replication with Db2 for i or Db2 for z data servers

- SQL Replication with non-IBM data servers
- Q Replication
- Change Data Capture (CDC)
- Db2 Connect components

The following charge metric(s) apply to this service: