

CrateDB Cloud on Azure

Leverage the power of CrateDB in the cloud. Now built into Azure.

Leveraging the world's most scalable database built for IoT and machine data, CrateDB Cloud on Azure integrates CrateDB with Azure. Designed to handle the complexity of time series workloads in real-time, CrateDB Cloud is a fully-managed Database-as-a-service, secured, scaled and operated by the engineers that built CrateDB.

Deploy within minutes, scale without limits and pay-as-you-go choosing plans purpose-built for putting IoT use cases of every scale to work.

Now available in Preview on the Microsoft Azure Marketplace.

What is CrateDB Cloud on Azure?

CrateDB Cloud is the industry leader for IIoT and machine data on Azure. Based on CrateDB Cloud, an Azure subscription based Database-as-a-Service offering, available and billed through the Azure Marketplace.

CrateDB Cloud on Azure leverages the power of CrateDB in the Cloud and deeply integrates it into Azure by combining the best of three worlds:

CrateDB, a highly scalable SQL real-time database, designed to handle the complexity of time series workloads in real-time while seamlessly growing with the use case, able to process, store, query and analyze massive amounts of data with ease. CrateDB Cloud, a fully-managed database-as-a-service, secured, scaled and operated by the engineers that built CrateDB empowering the customer to focus on their application and not on maintaining a database. CrateDB Cloud baked into Microsoft Azure, integrates IoT Hub interfaces for a seamless Azure IoT integration, enables customers to deploy CrateDB Cloud Clusters as Azure resource in their subscription whilst being billed via Azure. Therefore making it easy and cost-effective to build scaling real-time backends and turn data into action. From smaller gigabyte data stream to massive-scale terabyte industrial IoT applications.

Worry-free deployment & scaling powered by Azure

Use a service as flexible as your use case: Deploy and scale by only clicking a button or dragging a slider, and get the most out of CrateDB Cloud powered by Azure:

- Choose a plan via Azure
- Log in with your Azure user
- Deploy a cluster as a resource in your subscription
- Get billed via Azure through your subscription

Use cases from storage to heavy calculations

Data storage, visualization & analysis
Store data, visualize in a dashboard, analyze and act on your data.

Monitoring & Alerting

Identify issues before they arise with built-in monitoring and logging.

Data storage, visualization & analysis

Store data, visualize them in a dashboard, analyze and understand your data.

Data Lakes

Store your data and make use of it when you need it. Your data will be organized and easy to access when you are ready to build applications.

Key Benefits



Leverage the power & scale of CrateDB in the Cloud

Ingest and query massive amounts of data with sub-second query speed and a 10x faster performance than traditional TSDBs.



Handle complex time series data with ease

Elegant JSON handling and dynamic schemas to handle the complexity of extreme Industrial time series use cases.



Deeply integrated into Azure IoT

Integrated Azure IoT Hub interfaces for seamless Azure IoT integration. (Azure IoT Hub, Event Hubs, PowerBI)



Scale fast. Scale simple. Scale without limits.

A database seamlessly growing with the use case: Scale simple using automatic rebalancing and a shared-nothing architecture.



Economical & cost-effective

Get 10 times better cost-effectiveness than other time series databases.



Instant results

Visualize and monitor your data in real-time, turn your data into action, thus improving efficiency.



Save time & resources

Focus on making use of data, not on managing a database. Delivered as a fully-managed database-as-a-service, so users can leave the cluster configuration and management 24/7 to the engineers that built CrateDB.



Standard SQL compatible

Get the best of SQL & NoSQL in one database. CrateDB Cloud on Azure is SQL compatible, which makes it easy to learn, use, and integrate.

Key Features & Components

- **Fully managed**
Operated, scaled & managed 24/7
- **Intuitive Cloud UI**
Making it easy to set up IoT data use cases and manage resources
- **Deploy & Scale**
Within minutes with a click of a button
- **Integration**
Built-in interfaces to Azure IoT Hub, Postgres wire protocol, REST
- **Subscription**
CrateDB Cloud cluster as an Azure resource in customer's subscription
- **Billing**
Azure portal users are billed through their Azure subscription
- **Scalability / Ease of use**
Distributed by design from top to bottom. Enables big, flexible scaling and fast, always-on performance.
- **Real-time**
Sub second response time form data ingest to querability
- **Flexible**
On the edge, in the Cloud: run CrateDB wherever you want.
- **SQL**
SQL compatible: easy to learn, use & integrate
- **Better performance**
Efficient hardware usage provides better performance
- **Time series**
Handles complexity of time series data through elegant JSON handling & dynamic schemas
- **Connectivity / Tooling**
Let's user connect from most any language, SQL app or SQL BI tool

How to buy

CrateDB Cloud on Azure is available in Preview on the Azure Marketplace.

Pay-as-you-go

Benefit from plans tailored to your use case while only paying for what you need. Our plans balance compute power, memory and storage for the optimal blend of ingestion and query performance.

Find out more

For more information visit: www.crate.io/products/cratedb-cloud-on-azure

Questions? Please contact us under sales@crate.io.