

Neo4j Aura Enterprise

Build Your Mission Critical, Global-Scale Graph Applications in the Cloud



Graph databases are highly optimized to understand and work with the complex relationships between your data. Harnessing the power of graphs allows organizations to uncover rich data connections, run queries magnitudes faster and derive insights from data unknown before.

Neo4j Aura™ is a fast, reliable, scalable and completely automated graph database as a cloud service enabling you to focus on your strengths – creating rich, data-driven applications – rather than waste time managing the databases. Aura now makes the power of data relationships available in a cloud-native environment, enabling fast queries for real-time analytics and insights.

Key Benefits of Neo4j Aura Enterprise

Aura Enterprise is Neo4j's fully managed cloud database service for organizations building mission-critical, global-scale graph applications. Neo4j Aura is built by the developer of the world's most popular graph data platform.

Zero Administration

Never worry about servers again. With one-click deployment, automated upgrades and fully managed backups, Aura significantly accelerates the development and deployment of intelligent applications on Neo4j in the cloud.

99.95% Service Availability Guarantee

Aura is not only fault-tolerant and self-healing for high availability but also designed from the ground-up to be always on. Manage complex processes such as tuning, security patches, software updates and configuration changes with absolutely zero downtime.



"The schema flexibility and analytical capabilities of Neo4j allow us to see relationships between manufacturing batches that simply would not be possible with other tools. Deploying this project on Neo4j Aura Enterprise will allow us to focus our efforts on optimizing our models and staying focused on quality control analytics, knowing that the management of our graph database is under control."

*Eric Wespi
Data Scientist, Boston Scientific*

On-Demand Scaling, No Downtime

With support for a wide range of graph instance sizes, Aura allows you to manage large data sets with billions of nodes and relationships. Get lightning-fast query performance with an always optimized, fully managed database.

Enterprise-Grade Security and Privacy

Aura provides world-class security features, controls and privacy to meet the needs of your most sensitive data. Your environment is secure and private with VPC isolation and dedicated cloud infrastructure. With role-based access control and a schema-based security model, data managers can fine-tune access to privileged information stored in Neo4j.

Data Integrity & Durability

ACID transactions ensure that your data is always consistent. Aura replicates your data across three separate physical disks and then across three data centers to ensure data durability. Backup your databases hourly with a thirty-day retention policy ensuring your data is always available.

Built for Developer Productivity

Aura uses Cypher, the world's most popular and powerful graph query language. It also features a flexible data model and built-in developer tools like Neo4j Bloom data exploration and Neo4j Browser query editor and results visualizer. Receive support from the Neo4j Community, the largest and most active graph community in the world.

Simple Pricing, Predictable Cost

Pay only for what you need with simple capacity-based pricing. With flat hourly rates by capacity and no extras for storage, IO, network or backups, costs are predictable and transparent.

24x7 Support

Aura offers premium support and priority service, providing teams with everything they need to keep even the most challenging products running – all day, every day.

Global Availability on Amazon Web Services (AWS) and Google Cloud Platform (GCP)

Built on trusted cloud infrastructure, Aura may be deployed on any globally supported region of Amazon Web Services (AWS) and Google Cloud Platform (GCP).

Cloud Marketplace Availability

Procure and deploy Aura via the Cloud Marketplace. With integrated billing, use your pre-existing billing arrangement and apply spending commitments toward Neo4j Aura usage.

FEATURES

- ✓ Managed graph database service
- ✓ Scale seamlessly on-demand, no downtime
- ✓ Role-based Access Control with granular database security
- ✓ Supports Cypher, the easy and powerful graph query language
- ✓ Flexible white-board friendly data model
- ✓ Neo4j Browser Query Editor and Results Visualizer
- ✓ Neo4j Bloom Graph Exploration
- ✓ ACID compliant
- ✓ Capacity-based consumption pricing with prepay options
- ✓ Cloud marketplace integration
- ✓ Available in all global regions
- ✓ 99.95% service uptime SLA
- ✓ 24x7 Premium support, 1-hour Sev-1 response
- ✓ Professional Services available

Neo4j is the leader in graph database technology. As the world's most widely deployed graph database, we help global brands – including [Comcast](#), [NASA](#), [UBS](#) and [Volvo](#) – to reveal and predict how people, processes and systems are interrelated. Using this relationships-first approach, applications built using Neo4j tackle connected data challenges such as [analytics and artificial intelligence](#), [fraud detection](#), [real-time recommendations](#) and [knowledge graphs](#). Find out more at [neo4j.com](#).

Questions about Neo4j?

Contact us around the globe:
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neo4j.com/contact-us



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To learn how to take the next step toward acquiring Neo4j's solutions, please check out the following resources and information:



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carah.io/Neo4jResources



For upcoming events:
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To purchase, check out the contract vehicles available for procurement:
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