Neo4j Aura Enterprise on AWS

Fast, Scalable and Fully-Managed Graph Database Service for Your Intelligent Applications

Graph databases are designed to harness complex relationships in your data. **Neo4j Aura Enterprise on Amazon Web Services (AWS)** lets you run complex multi-hop queries magnitudes faster and gain insights from data unknown before, allowing you to optimize your investment in AWS.

**Neo4j Aura Enterprise on AWS** is Neo4j’s fully managed cloud database for mission-critical, global-scale applications. Aura enables real-time analytics and insights for your intelligent systems, helping solve your most complex data challenges without the worry of managing the database.

“We recognized from the start that our business needed to solve a connected data problem - the management of complex interrelationships between artists, albums, sound recordings, labels, managers and employees, making this partnership with Neo4j a perfect fit”

Jacob Fowler
Chief Technology Officer Sony Orchard

**Key Benefits**

**The Leading, Battle-Tested Graph Platform**
Neo4j Aura is built and supported by the same team behind the world’s most deployed graph database platform. Neo4j is battle-tested and powers thousands of mission-critical applications in leading organizations today.

**Zero Administration**
Never worry about servers again. With one-click deployment, automated upgrades and fully managed backups, Aura significantly accelerates application development and deployment.

**99.95% Service Uptime Guarantee**
Aura is self-healing and designed to be always on. You experience no downtime or scheduled maintenance window ever, the service upgrades and optimizes transparently.

**On-Demand Scaling, No Downtime**
Easily scale your database up or down with just a click without any service interruption. Aura easily scales to large data sets with billions of nodes and relationships and still delivers real-time query performance.
**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 30-day retention policy ensuring your data is always available.

**Built-in Developer Tools, Thriving Community**
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.

**AWS Marketplace Integration**
Simplify spend management by procuring Aura via the AWS Marketplace and get a single unified bill for all AWS services and Aura usage. You can use your AWS billing arrangement and apply your Neo4j spend towards your contractual AWS spending commitments.

**Data Connectors for Seamless Integration**
 Seamlessly integrate Aura in your existing application architecture and connect with other AWS services easily with Neo4j connectors for Apache Kafka, Business Intelligence (BI) and Apache Spark.

**24x7 Premium 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, Any AWS Region**
Aura may be deployed on any AWS cloud region with three availability zones across the globe, staying close to your data, providing low latency access and meeting your data residency requirements.

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### 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
- AWS marketplace integration
- Available in all global regions
- 99.95% service uptime SLA
- 24x7 Premium support, 1-hour Sev-1 response
- Professional Services available

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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 Cars – to reveal and predict how people, processes, and systems are interrelated.

Using this relationships-first approach, applications built with Neo4j tackle connected data challenges such as analytics and artificial intelligence, fraud detection, real-time recommendations, and knowledge graphs.

Questions about Neo4j?
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