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Preview Text: **Oracle Database now available on Arm, updates on Nokia's 5G product expansion, and other major industry highlights.**

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Neoverse News - July 2023

Oracle Database for Arm Architectures in the Cloud & On-Premises



In a significant milestone for Oracle and Arm, Oracle recently launched its Oracle Database 19c on Arm that offers lower costs, power consumption, and more predictable performance for enterprises. Fully compatible with existing Oracle applications and tools, the database has the same features and functionality as other platforms.

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Feature Announcements

AirScale Baseband from Nokia Brings AI to Mobile Networks

Nokia's launch of the ultra-performance AirScale baseband includes new products that combine ultra-high performance and capacity, with extreme energy efficiency. These products are powered by the latest generation of Nokia's ReefShark SoC which is based on Arm Neoverse.



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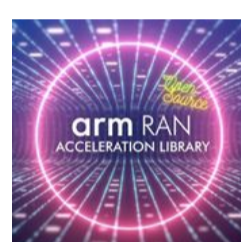
100+ Arm SystemReady Certifications - Standardization Where It Matters

Introduced in 2020, the Arm SystemReady Certification program enables rapid deployment of Arm-based systems across all OS. Certifications span infrastructure and IoT markets, driving reduced TCO and accelerating time to market.

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Arm RAN Acceleration Library: Open-Sourcing Code Base & Accelerating Adoption

These are optimized software routines that help implement common signal processing functions in 5G RAN. Developers can now leverage the benefits of open-source software, along with the performance and power efficiency of Arm Neoverse cores.



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Snowflake Optimizes its Virtual Warehouses for Sustainability

A leader in data warehousing, Snowflake leveraged Arm Neoverse-based AWS Graviton instances to reduce the carbon intensity of workloads. As a result, it can meet customer demand sustainably while also seeing improved performance, even as compute requirements continue to grow.

[Read Their Story](#)

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Blogs & Highlights

- [Cutting costs, boosting margins with Arm-based cloud](#)
- [Arm Neoverse-powered servers demonstrate HPC leadership](#)
- [Build your web applications with GitHub Actions on new Arm-powered Microsoft Azure Burstable VMs](#)
- [How Standards Are Unleashing the Power of DPUs for Cloud Computing](#)
- [Choosing Compilers for HPC on Arm](#)
- [Building Sustainable Infrastructure and Edge solutions with SUSE and Arm](#)
- [The next chapter for Arm RAN Acceleration Library: Open-sourcing the code base & accelerating adoption](#)
- [Oracle Announces Oracle Database for Arm Architectures in the Cloud & On-Premises](#)
- [Midsummer magic: a leap into the future of radio access networks](#)
- [Better Together – Graviton 2 and GP3 with Amazon OpenSearch Service](#)
- [Application deep-dive into the AWS Graviton3E-based Amazon EC2 Hpc7g instance](#)
- [Fire up your Unreal Engine-based game on all Graviton cores](#)

Check out [Arm Infrastructure blogs](#) to keep up to date with the latest Neoverse advances.

In the News

- [The Register: Oracle certifies its database for Arm architecture on-prem and in cloud](#)
- [ServeTheHome: HPE ProLiant RL300 Gen11 review - A leadership Ampere Ultra Max Arm Server](#)
- [ServeTheHome: Supermicro Ampere AmpereOne Arm Servers Shown](#)
- [Tom's Hardware: ASRock Goes Ampere: Up to 128 Arm Cores in Deep MicroATX](#)
- [Light Reading: HPE and Ampere take aim at Intel with vision of Arm-based open RAN server](#)
- [The Register: Taiwan's titans bullish on challengers to x86 in the datacenter and beyond](#)
- [DigiTimes: Arm highlights Neoverse advantage and innovations in computing infrastructure at Computex](#)

Events & Webinars

- [Hot Chips: 27-29 August 2023](#)
- [Google Cloud Next: 29-31 August 2023](#)
- [Mobile World Congress - Las Vegas: 29-29 September 2023](#)
- [Open Compute Summit: 17-19 October 2023](#)
- [KubeCon + CloudNativeCon: 6-9 November 2023](#)
- [Webcast: Advancing a New Era of Computing Infrastructure on Arm by Mohamed Awad](#)
- [Live Webinar: Multi-Arch Cloud Infrastructure from the Ground Up: Why and How to Get Started](#)
- [On-Demand Webinar: HPE Cloud-Native Infrastructure for Service Providers](#)

Reports

- [E-book: 5G RAN for Dummies Guide](#)
- [Report: Realising the potential of 5G in Africa](#)
- [Survey report: 5G and the Future – An Arm Survey](#)
- [5G Solution Brief: A Blueprint for the 5G Economy](#)
- [White paper: Arm Neoverse V1 Core: Performance Analysis Methodology](#)
- [White paper: The Enclave Device Blueprint for Confidential Computing at the Edge - With Microsoft and Scaly's](#)
- [White paper: Arm Neoverse N1 Core: Performance Analysis Methodology](#)
- [White paper: The Arm Neoverse N1 platform: building blocks for the next-gen cloud-to-edge infrastructure SoC](#)
- [White paper: Benchmarking Apache Kafka for Cost-Performance on Amazon Web Service](#)
- [Study: Total economic impact of Arm Neoverse](#)
- [Case study: How supercomputer performance and power efficiency can coexist](#)
- [White paper: Managing the future of cellular: What 5G means for the radio access network \(RAN\)](#)



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