

Cloud & Open Source: Aruba presents its Aruba Managed Kubernetes solution at KubeCon

Now available to all, Aruba Cloud's solution is based on cutting-edge technology, state-of-the-art hardware and a network of company-owned Italian data centres

London, 19th March 2024 –Today, [Aruba S.p.A.](#), the main Italian provider of cloud services and the leader in Italy for data centre services, cloud, hosting, trust services, e-mail, PEC (certified emails), domain registration and digital signature, has announced the Aruba Managed Kubernetes solution, an innovative solution for simplified container management. The solution is designed for developers and IT professionals interested in cloud native technology and built to serve companies of all sizes, from SMB to large enterprise. The announcement was made official during KubeCon and CloudNativeCon Europe (held on 19th to 22nd March 2024), a major international event held this year in Paris. Aruba participated with its business line Aruba Cloud, the only Italian provider to be certified by the Cloud Native Computing Foundation (CNCF), and with ArubaKube, the spin-off of the Politecnico di Torino dedicated to cloud native development, with a special focus on Kubernetes.

Previously presented as a beta version, Aruba Managed Kubernetes is a service created as a response to the ever-growing needs of companies using containers as a tool for application development and deployment.

Aruba Managed Kubernetes is built using state-of-the-art hardware, market-leading technologies, and is delivered from a network of company-owned data centres built on the highest standards of logical and physical security. Key features include:

- **Instant operation:** the solution allows you to create your own Kubernetes clusters in a few clicks, with a user-friendly interface.
- **Growth based on workloads:** the solution features flexibility and scalability, allowing you to scale the resources allocated to the cluster based on workloads.
- **Cost control:** the solution enables maximum visibility into resource utilisation and complete cost control.
- **Maximum redundancy, minimum latency:** the solution provides a control plane with maximum redundancy, provided by three zones. In addition, Aruba's data centres are interconnected with sub-milli-second latencies.
- **Security:** Aruba's data centre network benefits from all physical, logical and data storage security certifications.
- **Rapid application deployment:** using the wizard, it only takes a few minutes to deploy applications to the cloud.

In addition to fully managed Kubernetes as a Service (KaaS), the solution can be used in multi-cluster mode, perfect for large enterprise organisations that need to manage and orchestrate distributed on-premises, public cloud and edge environments from a single console.

"The Kubernetes as a Service solution that we officially presented at KubeCon is a key milestone for us in our roadmap to redesign our entire cloud offering. In the coming months this will see the release of many new IaaS and PaaS components on our open source foundation," commented Massimo Bandinelli, Marketing Manager of Aruba Cloud. *"Aruba Managed Kubernetes is a complete solution for native cloud development and therefore allows companies to run workloads on an extremely reliable standard platform distributed across Italy and Europe, with all the advantages this brings in terms of compliance and data sovereignty."*

The KubeCon event also saw the participation of ArubaKube, a spin off of the Politecnico di Torino and Aruba's centre of excellence for research, development and innovation on cloud native technologies and open source projects, with a particular focus on Kubernetes. Based in Turin, this centre of excellence joins the Aruba software factory, demonstrating a growing commitment to the research and development of innovative realities in the area and increasing collaboration with the Polytechnic. ArubaKube aims to simplify the management of

cloud computing, promote innovative solutions and offer enterprise-level support to companies aiming, for example, to eliminate the risk of vendor lock-in, reduce costs and create a two-way relationship between community and company. One of the most prominent areas of focus is the commitment to the open source Liqo project, which enables the creation of a virtual infrastructure that can aggregate resources and services from different Kubernetes clusters, including from multiple cloud service providers, allowing the centralised construction and orchestration of multi-cloud services.

For more details visit: <https://www.arubacloud.com/managed-kubernetes.aspx>

Aruba S.p.A.

Aruba S.p.A., founded in 1994, is the main Italian provider of cloud services and the leader in Italy for data centre services, cloud, hosting, trust services, e-mail, PEC (certified emails), domain registration and digital signature. The company, with wholly Italian capital, caters for private individuals, professionals, businesses and Public Administration.

Aruba manages a vast infrastructure that includes 2.7 million registered domains, 9.8 million e-mail accounts, 9 million PEC accounts and 130,000 managed servers, offering services to a total of 16 million users. Aruba PEC and Actalis are Aruba's two Certification Authorities, both accredited with AgID (Agency for Digital Italy), and provide qualified services in the field of IT security, including digital signatures. In March 2021, Aruba expanded its offer by entering the telecommunications market with ultra-broadband connectivity services throughout the country. These services are based on Open Fiber's fully fibre-optic network (FTTH - Fiber To The Home).

In almost 30 years of activity, Aruba has developed extensive experience in the design and management of high-tech data centres, owned and distributed throughout Italy. The largest one is located in Ponte San Pietro, in the province of Bergamo (near Milan), and is characterised by "green by design" infrastructures and facilities that comply with the highest security standards in the industry (Rating 4 ANSI/TIA-942 and ISO 22237), as well as being designed to minimise environmental impact. It also produces clean energy through photovoltaic systems, groundwater cooling systems and hydroelectric power plants. Aruba is also committed to implementing energy-efficient solutions in its data centres, demonstrating its commitment to sustainability. The infrastructure network also extends across Europe, with a proprietary data centre in the Czech Republic and partner facilities located in France, Germany, Poland and the UK. This international presence allows Aruba to offer integrated services and solutions at a European level.

Aruba is actively involved in the community, supporting social projects and cultural initiatives. The company promotes digital inclusion, technology training and support for innovation through programmes and partnerships with entities, institutions and third sector organisations. Furthermore, Aruba has established strategic partnerships with important technological and institutional companies that allow it to offer integrated and high-quality solutions to customers, guaranteeing complete and reliable services in the field of digital technology. With a strong presence on the Italian market and a growing relevance at international level, Aruba stands out for its leadership in the sector of cloud services, data centres and connectivity solutions.

Aruba is committed to technological innovation, sustainability and the development of cutting-edge solutions. The company continues to invest in research and development in order to offer its customers advanced services and products and to meet the increasingly complex and diverse needs of customers, adapting to the constantly evolving digital market.

For further information on the Aruba Group, please visit the website <https://www.aruba.it/>

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