

# OpenNebula joins Gaia-X lighthouse project for European cloud infrastructure

*European cloud providers launch Structura-X initiative for concrete implementation of Gaia-X compatible services*

MADRID, SPAIN, February 18, 2022 /EINPresswire.com/ -- European cloud providers have launched a joint initiative to create a common infrastructure service that meets Gaia-X requirements. A total of 28 players, between companies and organizations, including [OpenNebula Systems](#), have agreed to make their cloud services and technologies Gaia-X compliant. The Lighthouse Structura-X project complements the previous, industry-specific lighthouse initiatives for the automotive (Catena X), the agriculture (AgriGaia) and finance sector (EuroDat). Initial certified offerings are expected to be ready by the half of 2022.



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As Day-1 Members of the Gaia-X Association, we at OpenNebula Systems are really excited to see European cloud and edge providers collaborating together around open source technologies.”

*Alberto P. Martí, VP of Open Source Community Relations*

The initiative emerged on the sidelines of the recent [Gaia-X Summit](#) in Milan last November. There, the German Economics Minister Peter Altmaier emphasized the urge of building a Gaia-X-compatible European infrastructure alongside other industry services. In coordination with the Gaia-X foundation AISBL, seven European providers initially agreed to the common goal: Atos, Aruba.it, DeCix, Deutsche Telekom, Engineering, Noovle and TOP-IX.

In the meantime, additional companies from all over Europe have joined. Today, these add to the other 28 Structura-X members from 10 countries: AssoSoftware,

City Network, Cloud&Heat Technologies, CS Group, CSI, EBRC, Elmec, Fabasoft, International Dataspaces, IONOS SE, KPN, Luxinnovation, Mainstream, next layer, OSISM, ThreeFold Tech, Tietoevry, United Group, Vivacom. The members do not just bring infrastructure services to the

table, they also agree to use open source technology to make the cloud federation services viable. This includes interoperability, respecting security and privacy-enabling by design.

"We very much welcome the initiative of the infrastructure providers," said Max Ahrens, Chairman of the Board of Directors of Gaia-X. "The industrial implementation of the Gaia-X standards by cloud and infrastructure providers is an essential building block for functioning data sovereignty in Europe."

CSPs are invited to join.

Structura-X invites more cloud service providers (CSP) to join. The common goal is to shape their existing infrastructure services into an eco-system for European data sovereignty. An overarching European cloud infrastructure has been created. Users will be able to test and deploy their services and data rooms in a Gaia-X-approved infrastructure.

Structura-X will work closely with [Gaia-X AISBL](#), which among other things defines the technical framework for data sovereignty. At the same time, Structura-X will enable the necessary scale for new cross-sector and pan-European collaboration in the cloud. The previous fragmentation of the European cloud market will thus be overcome.

Tinì Gattazzo

OpenNebula Systems

+34 918 29 84 45

[press@opennebula.io](mailto:press@opennebula.io)

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