

Oracle Claims First Autonomous Operating System

Written by Marco Attard
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Oracle uses the annual OpenWorld conference to announce Autonomous Linux-- a combination of cloud-optimised virtual machine image with a native cloud service, Oracle OS Management Service making "the first and only autonomous operating environment."



According to the company, Autonomous Linux eliminates complexity and human error to deliver "unprecedented cost savings, security, and availability." The system provides autonomous capabilities take care of patching and security tasks in large-scale cloud environments, ensuring systems are both secure and highly available to help prevent attacks.

Oracle OS Management Service (OSMS) is a highly available Oracle Cloud Infrastructure component bringing control and visibility on systems running not only on Autonomous Linux, but also Linux or Windows. It also enables users to automate common management tasks for Linux systems, such as patch and package management, security and compliance reporting, and configuration management, and can be further automated with other Oracle Cloud Infrastructure services like auto-scaling as workloads need to grow or shrink to meet elastic demand.

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Speaking of Oracle Cloud, OpenWorld sees announcement of the addition of 20 more regions by end 2020, for a total 36 regions. The expansion includes regions in new countries and dual, geographically separated regions in the UK and EU, among others, and a new government region in the UK. Currently, when it comes to Europe, Oracle runs three regions with Frankfurt, London and Zurich. The expansion will see the addition of one more European region, Amsterdam.

Oracle is also expanding regions interconnected with Microsoft Azure with a European interconnect. Oracle Cloud and Azure will extend interoperability into government regions, while enterprises get a "complete and integrated set of cloud services and building intelligence into every layer of the cloud."

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