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How Hybrid Multicloud Choices can Help Drastically Cut Emissions

Deploying the Nutanix Cloud Clusters (NC2) solution on AWS offers a flexible approach that can support sustainability goals.

Unified Management + Seamless Portability

A hybrid multicloud solution not only unifies management across environments–it enables seamless workload portability. It has the potential to enable businesses to significantly lower their carbon footprint by taking advantage of extending to public clouds with efficient design and renewable energy utilization.

NC2: Simplified Migration and Scaling

NC2 is a software solution that simplifies the migration, extension, and scaling of workloads between on-premises and the cloud.

Proven ROI: Lower Costs, Energy, and Emissions

NC2 simplifies modernisation while delivering measurable ROI through sustainability benefits.

Findings from an IDC White Paper sponsored by Nutanix show that Nutanix hybrid multicloud deployments:

- Reduced rack space by up to 80% for one organisation
- Cut 200 metric tons of emissions annually for another organisation
- Lowered energy consumption by 60–80% for both organisations

Running NC2 on bare-metal AWS instances also helps organisations:

- Adapt quickly to uncertain demands
- Avoid costly refactoring or over-provisioning
- Reduce waste and improve efficiency

AWS: Energy-Efficient Cloud

AWS works on ways to increase the energy efficiency of its datacenters by optimising design, investing in purpose-built chips, and innovating with new cooling technologies. A report by Accenture, commissioned by AWS, estimates that when workloads are optimised on AWS, the associated carbon footprint can be reduced by up to 99%.

Sustainable Infrastructure in New Zealand

With the new AWS Region in New Zealand, customers can also benefit from the AWS sustainability efforts across its infrastructure since it will be powered with 100% renewable energy at launch.

A Hybrid Cloud Solution for Sustainability and Simplicity

By combining NC2 with the AWS highly efficient infrastructure, organizations can benefit from a powerful hybrid multicloud solution that not only simplifies operations, but also supports sustainability goals.

Learn How Here

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