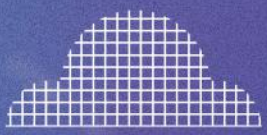
VansonBourne

NUTANIX

Fourth Annual Report

ENTERPRISE CLOUD INDEX

How Switzerland Compares



About this Report

In August and September 2021, researcher Vanson Bourne surveyed **1,700** IT decision-makers around the world about where they're running their business applications today, where they plan to run them in the future, what their cloud challenges are, and how their cloud initiatives stack up against other IT projects and priorities.

This report is supplemental to the global Fourth Annual Enterprise Cloud Index master report and focuses on cloud deployment and planning trends in Switzerland. It highlights how respondents' cloud deployments, plans, priorities, and experiences there compare to other countries in the Europe, Middle East, and Africa (EMEA) region and around the world.

Switzerland: Balancing Multicloud Adoption with Data Center Decommissioning

Fourth Annual Enterprise Cloud Index (ECI) research indicates that the adoption of multiple clouds, private or public, is in play globally. Many enterprises have realized that meeting each workload's specific requirements for security, performance, cost, business continuity, and other factors requires matching each application to the infrastructure best suited to it. This selective optimization necessitates the use of multiple IT environments,
or multiclouds.

While respondents in Switzerland reported nearly average penetration of multicloud deployments, the use of traditional three-tier data centers there still prevails. The following is a closer look at key ECI findings in Switzerland.

1 **While multicloud is the dominant IT model globally, traditional data centers are more pervasive in Swiss respondent companies.** Nearly a third of ECI respondents from Switzerland **(32%)** said they currently use multiple clouds, private or public, as their most common IT deployment model **(Figure 1)**. This level of adoption wasn't far behind the global and regional averages. However, a greater portion of respondents in Switzerland—**34%**—said they still run traditional, non-cloud-enabled data centers as their only IT infrastructure. This usage far outpaces data center usage elsewhere: just **22%** of respondents globally and in the EMEA region run legacy data centers exclusively. Like many of their counterparts in other regions, respondents from Switzerland reported ambitious plans to grow their multicloud deployments while slashing traditional data center use. They said they intend to double multicloud penetration to **64%** within three years, when they expect traditional data centers to fall to just **3%**.

Who's Using Multicloud?

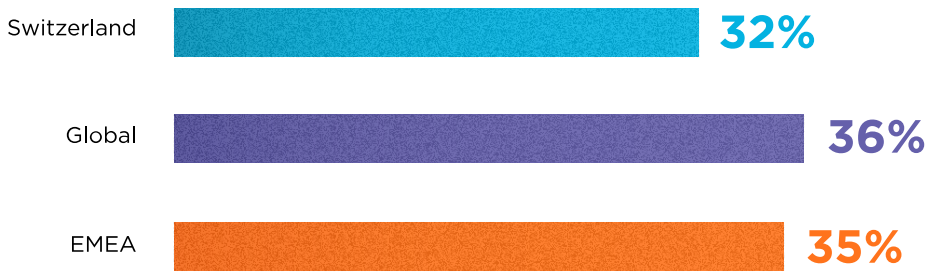


Figure 1 : Who's Using Multicloud?

- **Drivers.** Far and away the biggest reason respondents from Switzerland cited for adopting multicloud was to improve the support of remote workers and collaboration **(48%)**. A distant second-place motivator was to enhance their security posture **(36%)**. In addition, a third of Swiss respondents **(33%)** said their companies have an executive mandate to adopt multicloud.

- **Public cloud as barometer.** In general, greater adoption of public cloud services to address new use cases and cost-containment goals parallels multicloud adoption rates. So it's not surprising that respondents from Switzerland, with a heavy reliance on traditional data centers, reported below-average public cloud use. Well over half **(58%)** said they use no public cloud services at all, and just **7%** said they use the services of more than three public cloud providers, moderately fewer than the global **(13%)** and EMEA **(12%)** averages.

2 **Notably fewer respondents in Switzerland moved applications among IT infrastructures last year.** Most ECI respondents have embarked on cloud-smart initiatives, whereby they move apps among cloud infrastructures as cost, resource demands, and business goals change. However, of the 14 ECI countries surveyed, Switzerland had the lowest percentage of respondents reporting application relocation activity in the past 12 months. Just over three-fourths **(76%)** had moved an application, compared to **91%** of both the global and EMEA response pools.

Reasons for moving applications, however, were similar among all respondents. Security and compliance, for example, were consistently the top driver **(Figure 2)**.

Top Reasons for Moving Applications to a Different Infrastructure

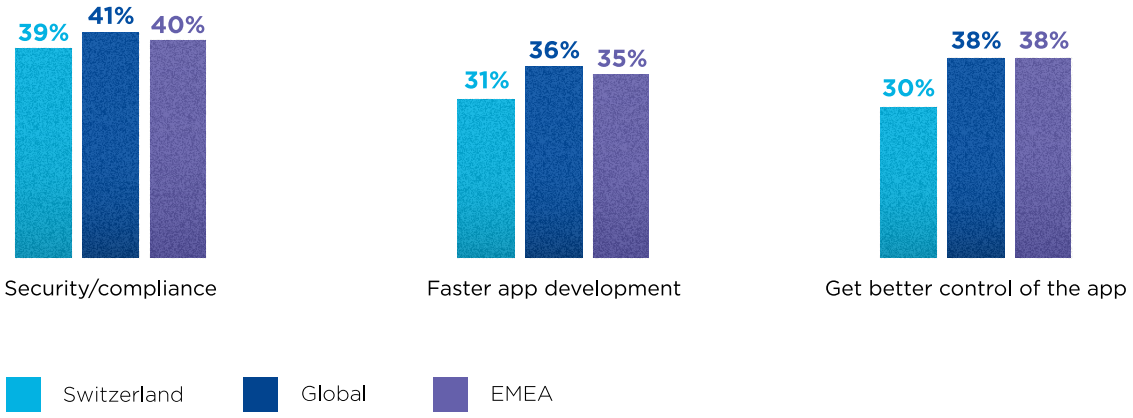


Figure 2 : Top Reasons for Moving Applications to a Different Infrastructure

- **Early multicloud phase.** The lower application relocation activity level is likely indicative of Swiss respondents generally being in early phases of the multicloud adoption journey. Given that many of their workloads still resides in legacy data centers, it follows that their cloud-smart workload optimization efforts trail the averages.

- **Fickle on mobility.** Far fewer respondents from Switzerland indicated imminent interest in container technology, which simplifies inter-cloud application movement: just **59%** said containers are important to them or would be within 12 months, compared to **82%** of the global respondent pool and **79%** of those in the EMEA region. This is likely because inter-cloud application movement among these respondents has yet to ramp up. Yet when asked to rank the most difficult multicloud management challenges, Swiss respondents mentioned application mobility second most often, notably outpacing the averages (see next section).

3 **Siloed IT teams is the biggest multicloud challenge for respondents in Switzerland.** While multicloud adoption is generally rising, these are early days that create some challenges **(Figure 3)**. Globally, respondents mentioned managing security across cloud borders as the biggest challenge **(49%)**. For respondents from Switzerland, divisions between different IT management groups within their organization were top of mind **(49%)**. Application mobility tied for the second most mentioned issue; however, it's likely that this ranking is more theoretical than practical, given the lower level of application movement in Switzerland, lower interest levels in container technology, and comparatively high data center usage.

Biggest Multicloud Challenges

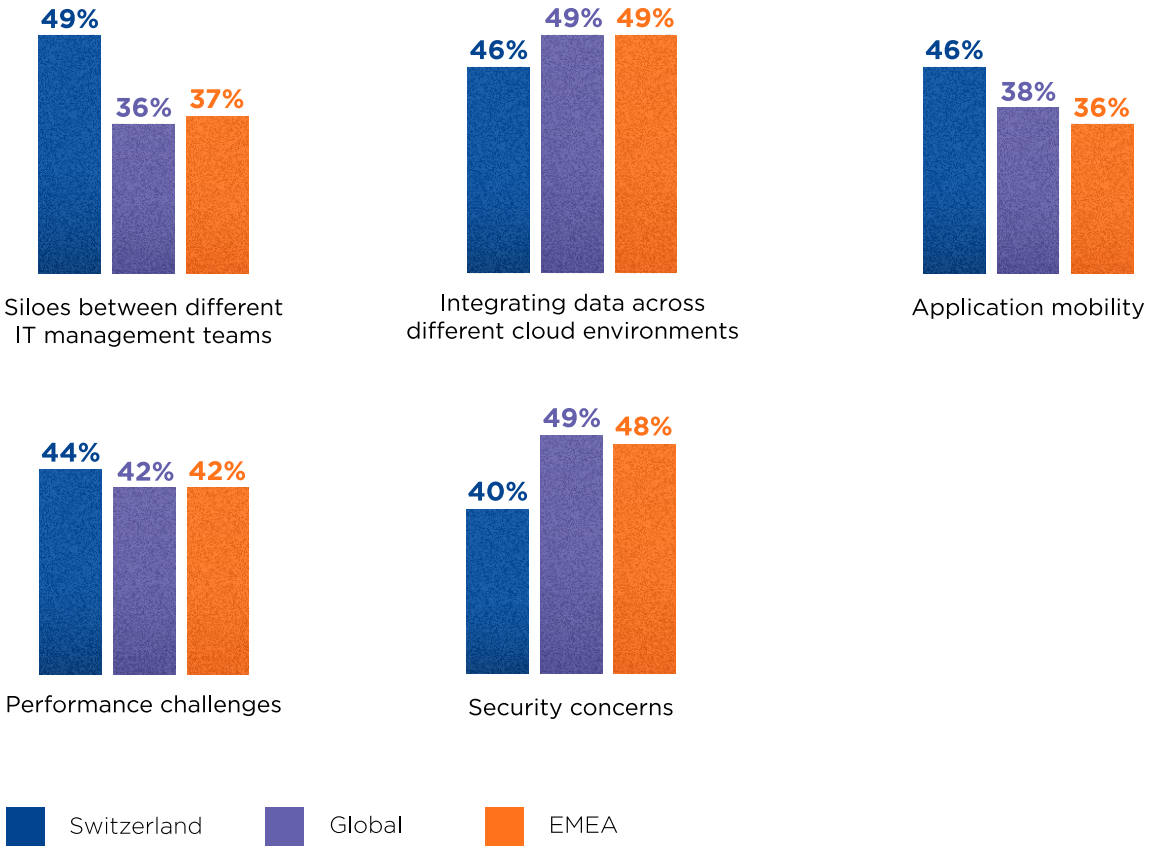


Figure 3 : Biggest Multicloud Challenges

Summary and Conclusions

While Switzerland appears to be on its way with multicloud adoption, its substantial three-tier data center installed base is temporarily preventing companies there from fully optimizing their apps and workloads with continual adjustments to where they run for maximum security, cost, business continuity, performance, and other benefits. All respondents acknowledge potential hurdles with multicloud management; where respondents from Switzerland differ is that their greatest concern pertains to how their internal IT teams are organized, rather than a technical difficulty or a gap in industry solutions. While application mobility came up second most often as a multicloud challenge, fewer respondents from Switzerland expressed interest in container technology to ease mobility difficulties, and fewer **(73%)** also agreed that "app mobility could be costly and time-consuming" compared to the global average **(80%)**. It's likely that as they decommission their legacy data centers in favor of multicloud setups and gain more inter-cloud experience, their perspectives on some of these issues will evolve.