

AWS downtime - how important is the hybrid cloud?

Jerome Evans, founder and CEO of firstcolo and diva-e Cloud GmbH, on the widespread AWS cloud downtime that disrupted various customer networks worldwide for roughly seven hours:

"An incident such as the failure of one of the largest and most important cloud providers in the world puts the focus on the dependency relationship of many companies that rely on the promises of public cloud providers - incidentally, Amazon itself was also affected in addition to major customers. High availability and a broad range of different services offer great incentives, but can also become a cost trap, as a broader usage portfolio in such public cloud applications is often accompanied by additional costs that are often not foreseeable in advance. Moreover, the promise of high availability of the public cloud can only be met if individual services and networks are set up in a decentralised manner. In order to prevent a small error in the system from triggering a chain reaction on countless other web services - such as what happened in the current instance - it is necessary to have wide-ranging redundancy concepts. To realise this, the operating companies should consider establishing a hybrid cloud infrastructure. It integrates higher security levels and a clearly defined cost cap of private cloud applications and therefore combines the advantages of both deployment models. In the case that the public cloud or the private cloud being used fails, the affected services can simply be booted up in the alternative component and continue to operate. This minimises the inaccessibility of one's own infrastructure. Therefore, if an entrepreneur asks himself whether an investment in a hybrid cloud is economically worthwhile, for many medium-sized companies the answer would be yes. Enterprises in particular have already recognised this and often rely on hybrid solutions. With the help of a concretely developed cloud concept and competent advice, operational costs can be reduced, which in turn creates space for the adaptation of several cloud applications."

Further information on the topic of cloud: <https://www.diva-e.com/de/news/whitepaper-welche-cloud-strategie-ist-die-richtige-fuer-mein-unternehmen/>

About Jerome Evans

Jerome Evans is Managing Director Data Centers & Cloud at diva-e Cloud GmbH. For more than 15 years, he has been involved in IT services and especially data centre services, which he provides with his IT company firstcolo, founded by himself and now also part of the diva-e group. His work focuses

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on the construction and operation of data centres. Jerome is also an expert in blockchain technologies and actively contributes to shaping the future of the transactional experience partner diva-e with his management skills.