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Signature verification in the cloud

The full text is currently only available in the Deutsch version. A translation will follow.

Archived. This content is no longer updated. It remains available for reference.

Source https://technology2.a-sit.at/en/publications/cloud-elemente-signatur-en/

In this project analysed if it is suitable to deploy an existing e-Government service, namely the Signature Verification Service at a common cloud provider.

E-Government services can benefit if hosted as cloud services. They allow for better scaling and significant reduction of cost. Considering the deployment of existing web services administrators are often facing various restrictions and challenges. This project analyzes the suitability for cloud deployment of some of the basic building blocks of the Austrian e-Government services. In detail we tried to deploy the Signature Verification Service and therefor services like MOA-SPSS in cloud environments. This project only analyzes technical restrictions regarding cloud deployment but it does not take into account any legal implications.

The signature verification service was successfully deployed on Jelastic cloud servers.