



Project Case Study

Case Study: VRT Taal

About VRT Taal



VRT Taal is a web service of the Flemish public TV and Radio broadcaster. The service provides information and advice on the Dutch language. Their website was in need of a refreshment, and for the hosting of this updated website they decided to go with Cloudar.

THE CHALLENGE

We wanted to set up the hosting of the website on multiple environments (imagine a development environment, one for stage and one for production). This ensures testing can happen on multiple levels before new code is actually deployed to production.

We also wanted to make the website fault tolerant. Using only one server would result in a total failure of the website if something were to happen to that server.

THE SOLUTION

Every environment has its own Beanstalk and its own database.

In the stage and production environment the Beanstalk has two instances to ensure the website remains functional if a failure were to happen. The two nodes can share files using EFS, this is necessary for the Drupal platform that is deployed on them.

The website is protected and cached by putting a CloudFront in front of it.

THE BENEFITS

MULTIPLE ENVIRONMENTS

The use of multiple environments gives developers the flexibility to test their code on a production-like setup.

FAULT TOLERANCE

The use of fault tolerance ensures that if a server failed the website would still be functional for its users.

EASY DEPLOYMENT

Thanks to the use of Beanstalk developers can deploy their new code to the website with ease.

ABOUT CLOUDAR AND AWS

Cloudar is ISO/IEC27001 certified, AWS Premier Consulting Partner & Next-Gen MSP. Cloudar's single-vendor focus guarantees the most in-depth AWS knowledge available on the market.

Organizations using a DevOps model deliver applications quicker and innovate faster. AWS offers infrastructure resources designed to support continuous integration and delivery, infrastructure as code, microservices, and monitoring & logging.

NEXT STEPS

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