SURFconext runs in two physically separated data centres: Nikhef and Vancis. Both data centres are connected to the SURFnet network. Within each location there is a redundant implementation of the network as well as of the hardware and storage.

APPLICATION

SURFconext runs on 15 virtual machines (VMs) spread across the two data centres. Two load balancers distribute the traffic to four sets of two application servers each. SURFconext stores the data in two identical databases so that one is always on stand-by.

SERVICE LEVEL

99.9% availability

RELEASE MANAGEMENT

Automatic testing
OpenConext VM for further development

Test environment for software functional testing - Carried out by the test team

The automated deploy process for the software is tested in the acceptance phase. The rollback is also tested.

The new software is initially rolled out on a single set, which can only be accessed by the SURFconext team. If approved, the new software is rolled out on all sets

DEVELOPERS
TECHNICAL PRODUCT MANAGERS
SYSTEM ADMINISTRATOR