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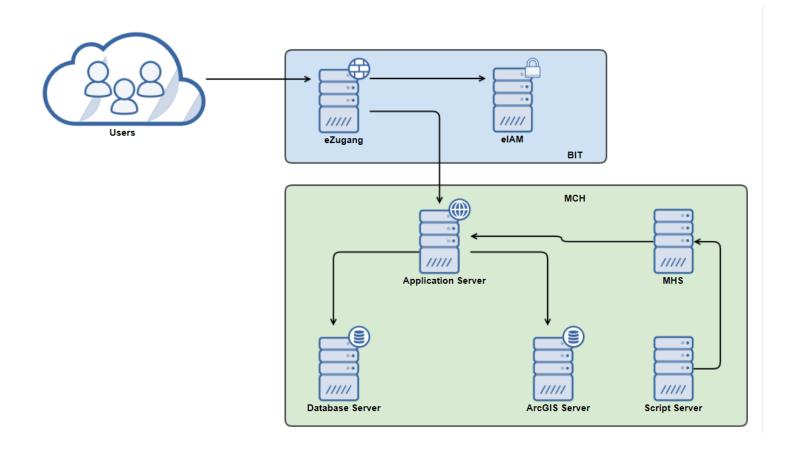
GAWSIS-OSCAR Technology stack

Lucia Cappelletti, Jörg Klausen ET-WMD Meeting, Kjeller, Norway, 2-5 October 2017

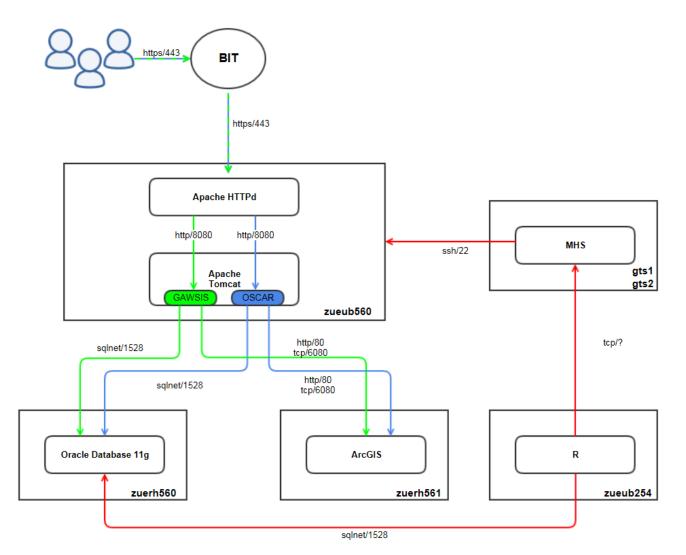
GAWSIS-OSCAR: Technology Stack

Presentation technologies		
HTML Java Script (Angular JS)		
Development/ Application Platforms	Se	
Java / Apache Tomcat R	n Services	/FS
Database Systems	ratior	es V
Oracle	Integration	re services WFS
Operating Systems/ Web server		API I Feature
Linux Red Hat / Debian		Rest A JSON XML Web F

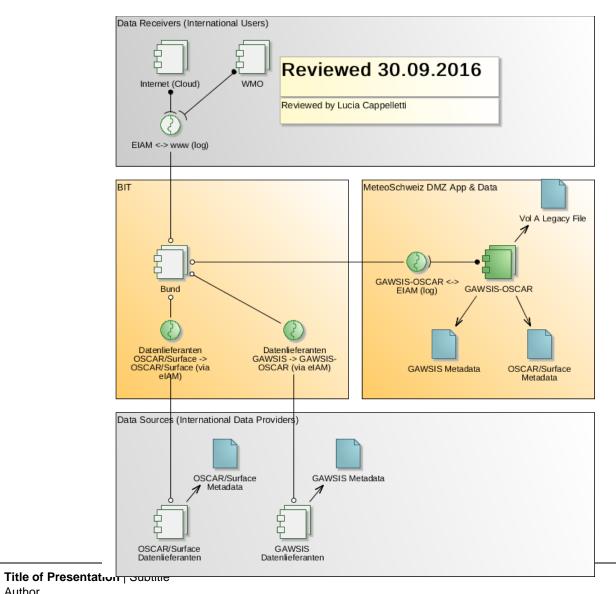
High level overview





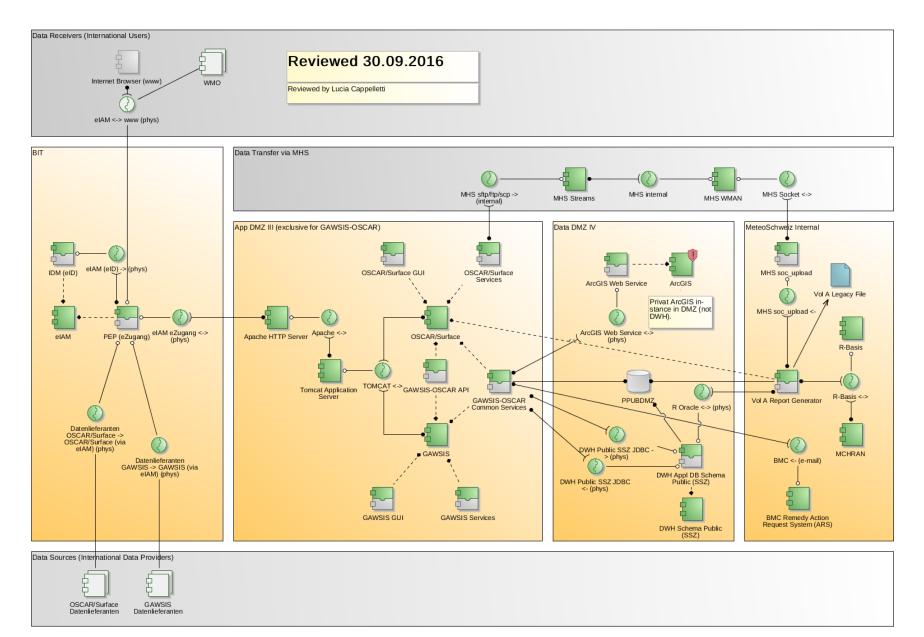


Functional overview J

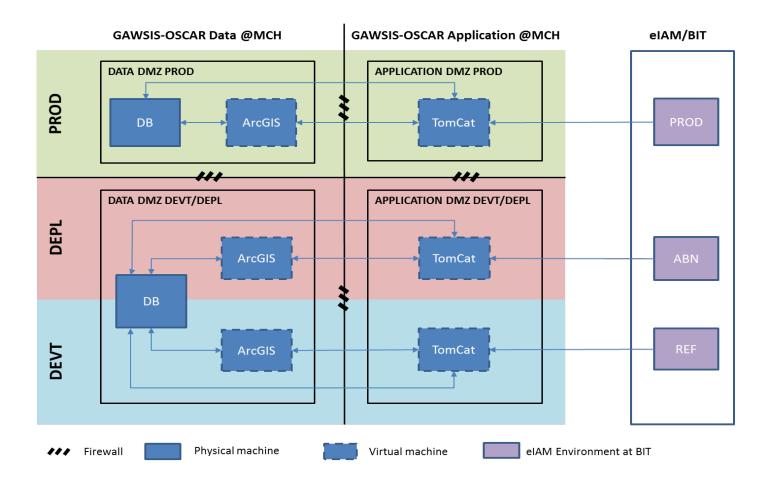


Detailed functional view

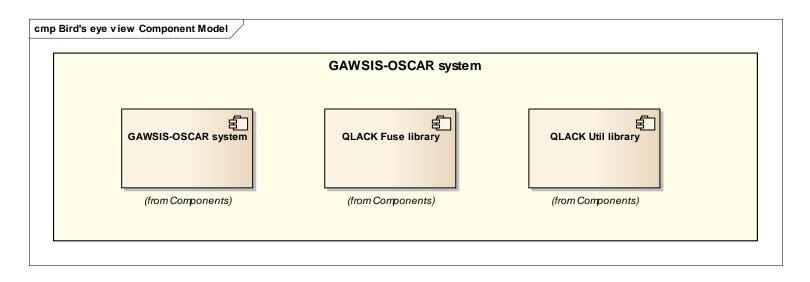
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Environments



Component Model Overview



- GAWSIS-OSCAR application, consisting of the source code created to deliver GAWSIS-OSCAR-specific functionality;
- QLACK Fuse library, comprising of utility functionality in the form of OSGi bundles that are integrated with the GAWSIS-OSCAR application;
- QLACK Util library, comprising of utility functionality that can be used either by front-end components or back-end components

Detailed component model

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