

Mastering Security with GeoServer (GS5)

DURATION: 8 hours (2 sessions)

LEVEL: Advanced

TRAINER: [Andrea Aime](#), [Daniele Romagnoli](#), [Simone Giannecchini](#)

This training will provide an introduction to GeoServer authentication and authorization subsystems. We will cover topics as follows:

- Supported authentication protocols, basic/digest authentication and more
- Supported identity providers, local config files, database tables and LDAP servers,
- Examples of custom authentication plugins for GeoServer
- Basic of GeoServer pluggable authorizations
- Advanced authentication & authorization with GeoFence, from the direct integration to the standalone setup, to implement complex authorization rules

PREREQUISITES

In order to participate basic knowledge of GeoServer is required as well as a basic knowledge of GIS concepts, OGC services as well authentication and authorization mechanisms.

ACCOMPLISHMENTS

At the end of the training the attendees will have extensive knowledge about GeoServer authentication and authorization capabilities as well as about integrating it in enterprise environments with SSO and IdM systems like LDAP, CAS and more.

OTHER INFORMATION

GeoSolutions will make available an all-in-one package to run the workshop as a VM for VirtualBox or a self-contained Zip file for Windows. This should be pre-installed on attendees laptops before the workshop.

This is an **advanced** training, GS1-2a-2b modules are recommended as a precondition.