SHODB – Data Center Experience Report

PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT

SeaDataNet

SHODB
Subcontractor for partner TUBITAK

Tools used

JAVA	To run all SDNII tools
NEMO	To create ODV files
MIKADO	To create XML files
ODV	To check and visualize data
IIS	To keep running our other apps
TOMCAT	To run SDNII web pages
DM	To prepare zip files

Easy parts

NEMO MIKADO ODV	•Easy, fast and helpful for our other processes. •ODV featuring DIVA is very powerful tool to visualize ungridded oceanographic data.

Difficult parts

DM IIS TOMCAT	•Tricky to install and run TOMCAT behind IIS. •Complicated setup during installation. •Takes considerable amount of time for a non-IT personnel.

Problems faced

MANUAL SAYS: Firewall should allow requests over port from/to seadatanet.maris2.nl	ADDITION: Not enough to allow requests from/to MARIS only. Firewall should be set up to allow all IPs.

Unresolved issues

Everthing is fine as of now.	Many thanks to MARIS support center for their involvement during the installation process.

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Conclusion

• During the installation, setting up the server was the most difficult part. It will be useful to prepare a tutorial in addition to DM manual.

• After having faced several technical challenges, SHODB server is up and SHODB data is accessible for downloading.

• Progress and regular updating will continue as well as populating the accessible data pool.

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