

Workshop on Metadata DB

**CCOP EPPM P3W6
15-16 March 2010**

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KIGAM

overview

- PDMS at KIGAM

- CCOP GIMS

DB at KIGAM

- national ownership of data for expl. & devel.
- effective managing petroleum data
- need for policy decision
- easy access to petroleum data
- archive for managing data

Petroleum Data Management System

Phase 1
2007 – 2009

Developing PDMS prototype and
operating

Phase 2
2010 – 2012

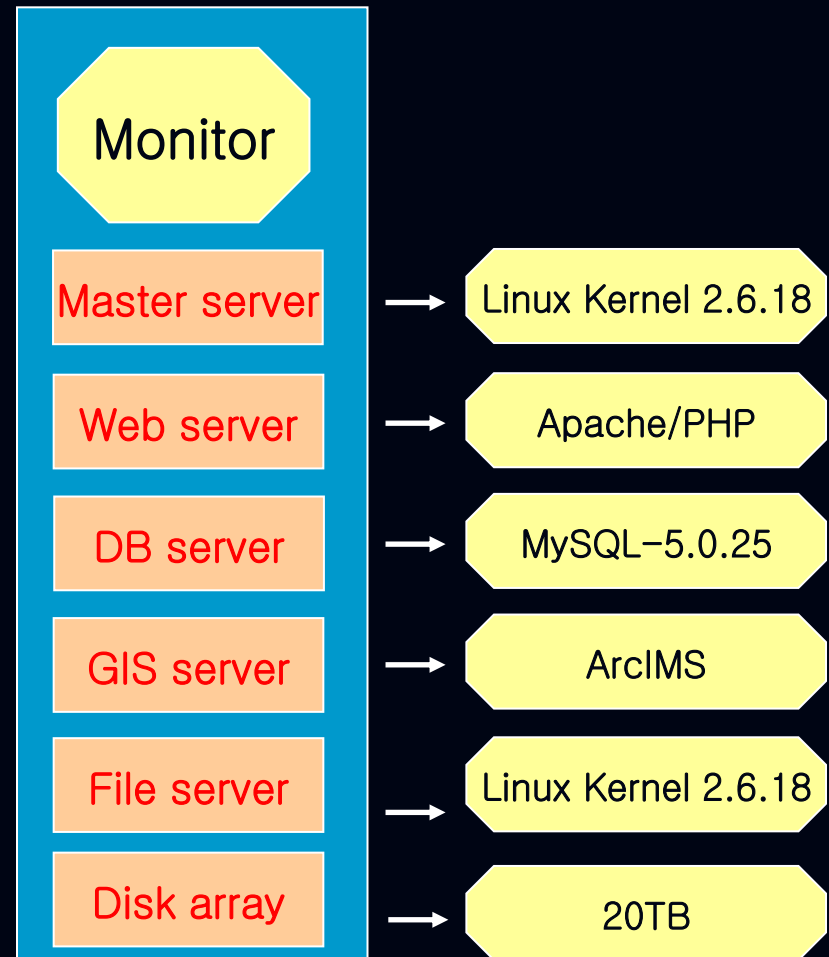
Evaluation petroleum data and
Supplement, Metadata strategy

Phase 3
2013 – 2015

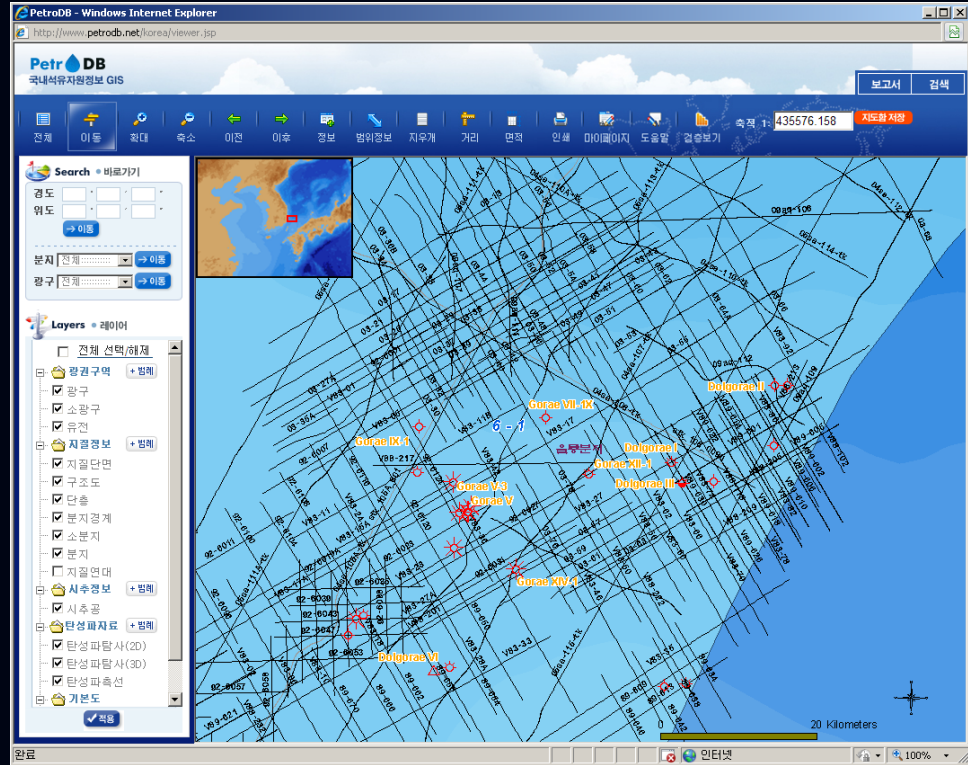
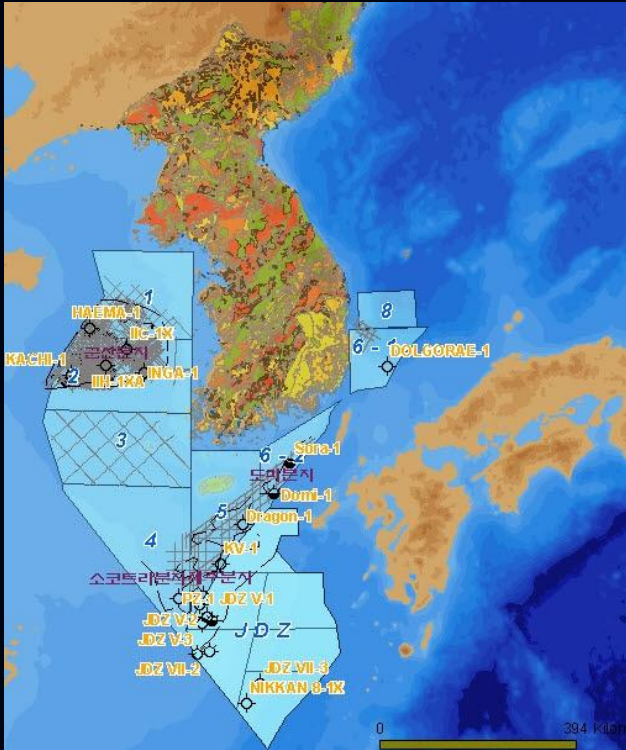
Service and supplement

System for DB

- Linux based PC
- web server: Apach/PHP
- DB server: MySQL
- GIS server: ArcIMS
- File server: 20TB



PDMS



Problem ?

- GIS based DB system
 - heavy GIS and Map server - optimization
- No metadata system:

CCOP GIMS

- Search data:
<http://ccop.cgs.cn>
- Upload and update
<http://203.148.160.167:8080/admin>
- Pilot area: BLK3
 - need permission
 - geology, well, seismic, basin report
- Data encoding & management
 - gathering, transform & transcription

CCOP GIMS

- Challenges
 - Gathering data
 - Authority for upload and update
 - network traffic: Map search
 - easy access
- Solutions
 - explanation & persuasion
 - Monitoring changes & updates
 - Simplicity
 - online documentation