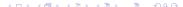
# Component-based system for management of multilevel virtualization of networking resources

System komponentowy wspomagający wielopoziomową wirtualizację zasobów sieciowych

Robert Boczek Dawid Ciepliński

prof. dr hab. inż Krzysztof Zieliński

29.03.2011

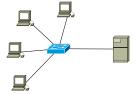


## The environment

## 1. Physical

5 Logical Domains connected with a vswitch:

- dedicated NFS server node
- 4 worker nodes



#### 2. Software

JIMS features & work done:

- node discovery
- Solaris resource management & monitoring
- common codebase



# Wrappers

libdladm- and libflowadm-based native libraries.

Allow for higher-level operations (CRUD) for etherstubs, (V)NICs, VLANs and flows. Still native, with minimum external dependencies.

### **MBeans**

#### Two kinds:

- 1. managers: entity discovery & general management
- 2. entities: fine-grained control (properties, statistics)

Bidirectional operations.



# Components (simplified)

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