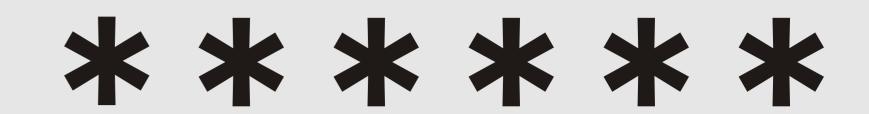


# UNIVERSITY OF WEST BOHEMIA University of West Bohemia in Pilsen



# SITE DESCRIPTION AND CONTACTS

## **Public University**

1949 - founded as a technical institute with two faculties

2010 - eight faculties and three academic institutes

## Network

Campus network 10G backbone Support IPv6 Part of CESNET (GEANT2, TERENA) Eduroam (www.eduroam.org) 200 servers 100+ APs in WiFi network 7,800 end users PC (3,200 in dormitories)

#### Users

19,000 studens 2,000 faculty and staff 23,000+ accounts (6,000 change per year)

#### Contacts



Michal Švamberg, Center for Information Technology

**AFS Administrator** 



Pavel Jindra, Center for Information Technology

Kerberos Administrator

# AFS & KERBEROS INFRASTRUCTURE

## **AFS**

11 file servers in three separate locations FC infrastructure (~10 TB for AFS) Debian GNU/Linux i686, kernel 2.6.30 openafs-fileserver 1.4.7 reiserfs => xfs 40,000 volumes Three database servers Solaris 9 Hundreds of clients Windows XP (800+) Linux (350+) Solaris

## Kerberos

23000+ Active accounts 1500+ Service principals One Master server Solaris 9 - SPARC arch. 3 slave servers in 3 separate locations Solaris 9 - SPARC arch.

MIT kerberos 1.7 Incremental replication Windows AD cross-realm trust

# CURRENT USAGE AND ONGOING PROJECTS

#### **AFS**

Configuration files Software repository Instalation desktops and servers Projects (assigning disk space) Web sites Users home directories

Mac OS X, Windows 7

#### Kerberos

Main auth mechanism Linux, Windows - native win mechanism Web - WebAUTH LDAP VPN Oracle Databases

## **Projects**

Web AFS interface File Drawers Object Storage in OpenAFS Cooperation with Christof Hanke PKI integration Clients with native Windows FS support

