



Services & Security

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Redundancy Stability

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Redundancy / Stability



- Current situation: 2 datacenters (LCL in Diegem, Level3 in Evere)
- New situation: 3 datacenters (added: InterXion in Zaventem)

- Advantage: stretched cluster quorum for servers (KVM/Proxmox cluster) and storage (CEPH cluster)





Antispam

Antispam: BAMS



- Moving from current antispam solution (CanIT from RoaringPenguin) to BAMS (Belnet Advanced Mail Security) based on Fortinet
- Advantages:
 - Per client a server, redundant on server cluster
 - Sandboxing feature
 - Blacklisting/whitelisting





Eduroam

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Eduroam



- New features that will be implemented:

- Testing of new entry via web interface (no more manual work needed)

- Statistics for own customers will be available via web interface





Blockchain

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Blockchain



- Participating in European test setup
- Currently running several test use cases (like Diploma, Notarisation, ESSIF, Trusted Data Sharing)
- EBSI (European Blockchain Services Infrastructure) node running at Belnet
- Call for tender done together with Smals and KU Leuven to improve infrastructure (setup/performance/GDPR/...) and to develop training modules, activities and dissemination tools to support a broader uptake of the EBSI by public services





Hosted virtual servers

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Future



- Under investigation: hosted vm's , housing, managed hosting/housing (in function of customer demands, needs)





Thank you
for your attention

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Belgium's connectivity



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