

Introduction to Campus Best Practices

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Welcome to the Campus Best Practices Training!

CBP team

Campus Best Practise documents – source material for the training



- Made in home the NREN using mother tongue for the IT staff in the own community
- Coordinated and translated to English by the Géant project
- Distributed by Géant, TERENA and UNINETT

The GÉANT projects

GN3: 2009-2013 GN3+: 2013-2015



- Enable research communities across Europe to transform the way they collaborate
- Enhance networks and services
- Fighting against the “digital divide” across Europe



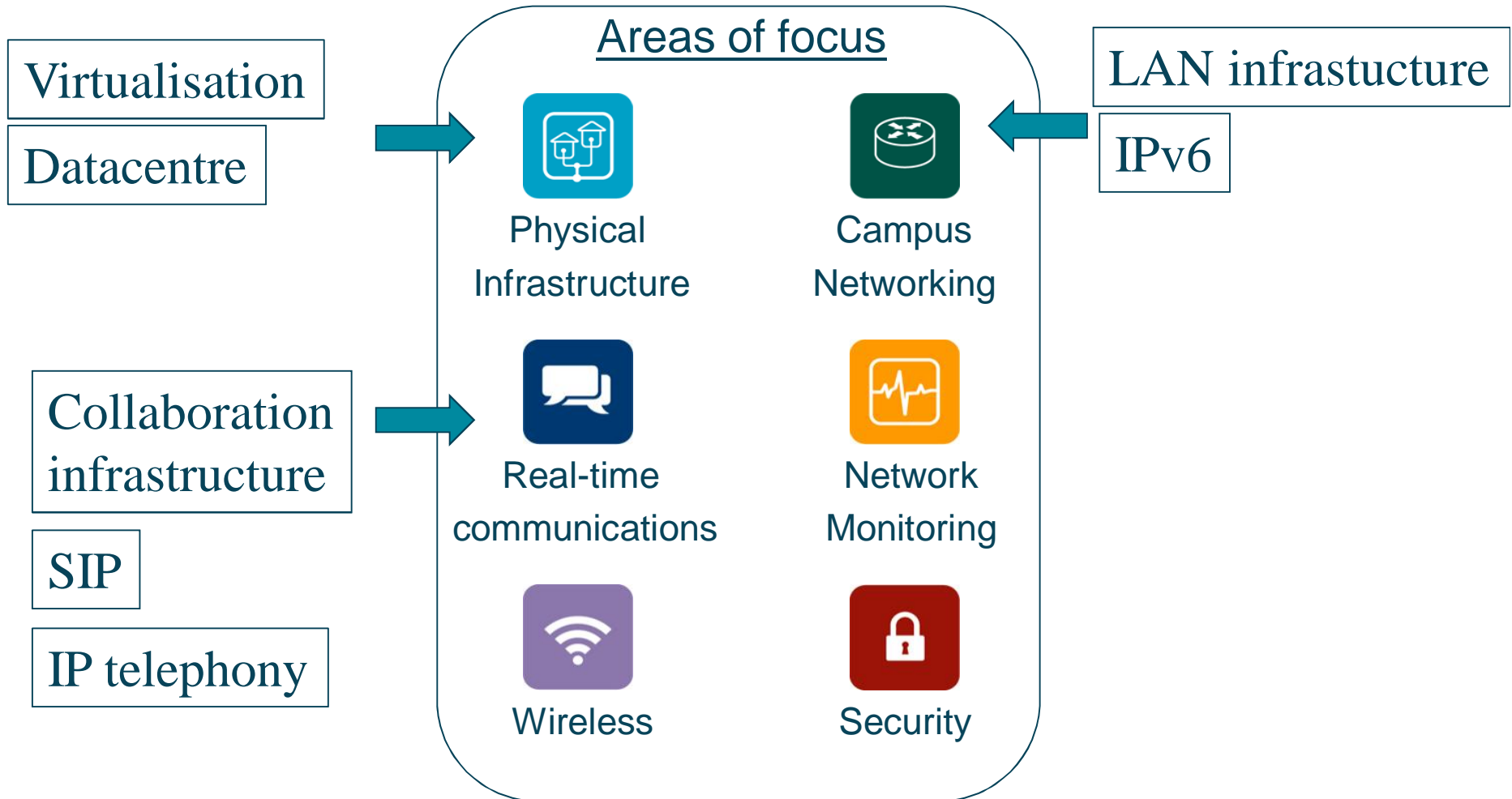
NA3 T2 partners



- AMRES
- BREN
- CEENET
- CESNET
- CSC/Funet
- FCCN
- MARNET
- MREN
- RENATER
- UNINETT



Work areas

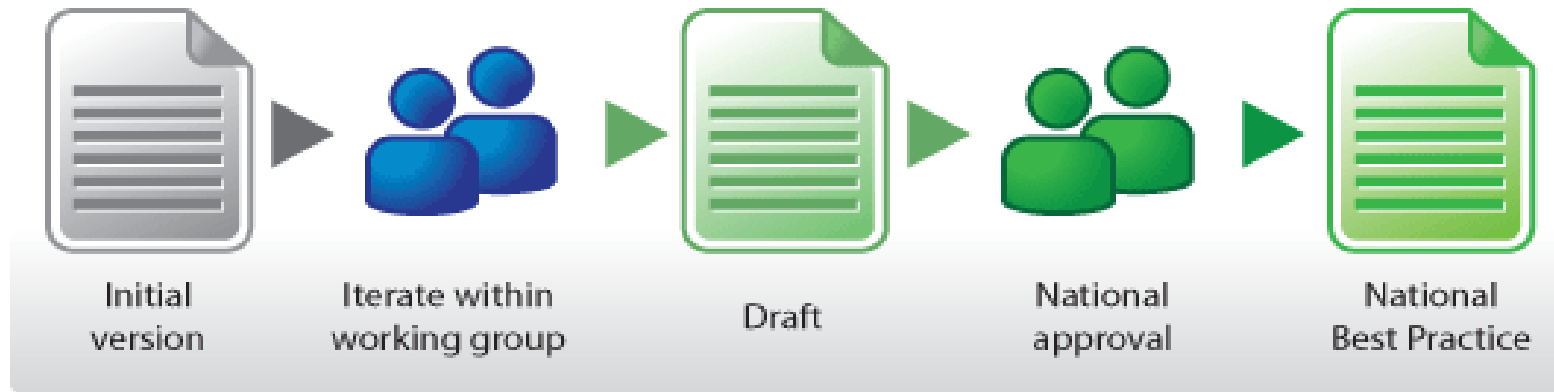


Working methods – CBP staircase



[1] Vidar Faltinsen et al

Best practice document development



How are they produced?

- Facilitated in working groups
- Active participation and support from NREN

How are they approved?

- Rough consensus in working groups
- Hearing period
- Approved by IT directors

Campus best practices in FUNET – MobileFunet topic examples



- BPD status
 - WLAN network planning and setup BPD (2010)
 - WLAN network infrastructure BPD (2011)
 - Legal aspects of WLAN networks BPD (2012)
 - FreeRADIUS database connection BPD (2013)
 - eduroam authentication debugging BPD (coming)
 - IPv6 deployment in wireless campus networks BPD (coming)
- Topical discussion items
 - Congestion of the 2.4Ghz
 - Measuring end-user quality
 - eduroam CAT deployment in campuses
 - Mobile AP Six: eduroam hotspot
 - Potential eduroam expansion to the city (municipal) networks



Campus best practices in FUNET – AccessFunct topic examples



- BPD status
 - Use of light paths in campus networks BPD (2011)
 - Edge device for a campus network BPD (2011)
 - GN3 IPv6 Workshop - Networking without IPv4? (2011)
 - GN3 IPv6 Workshop - The Last IPv6 Workshop? (2012)
 - Light Path Deployment, Guide for IT Support BPD (2013)
 - IPv6 Migration Guide BPD (2013)
 - Organizing a Network Operation Center on campus BPD (2013)
- Topical discussion items
 - DNSSec deployment BPD
 - 100G
 - IPv6 firewalling
 - Trusting firewalls and firewall services?
 - GN3plus Datacentre IaaS workshop (11.-12.9.2014)



1. Vidar Faltinsen, Gunnar Bøe and Olaf Schjelderup, (UNINETT), GÉANT Campus Best Practices:
<http://www.terena.org/activities/campus-bp/pdf/geant-campus-best-practices.pdf>
2. Mara Bukvic, AMRES' Experience with Implementing the "Campus Best Practices" Model:
http://www.terena.org/activities/campus-bp/pdf/amres_experience_with_cbp.pdf

Further information



- ❑ Campus Best Practice @Géant website:
 - <http://www.geant.net/Network/Campus-Best-Practice/Pages/Best-Practice-Documents.aspx>
 - <http://www.terena.org/campus-bp/>
 - Reports and BPDs

- ❑ Get in touch: gn3campus@uninett.no

- ❑ Follow the BPD announcements:
 - campus-bp-announcements@terena.org



Thank you!