

Zabljak IT workshop survey

During the September 2012 survey was conducted among administrators and IT staff at Montenegro NREN. 14 people answered the survey, and since it was anonymous survey some of the information was not available for us. (e.g. home institution of participants). Results from the survey provided us information about topics that should be covered during the workshop that will be organized on the IT conference in February 2013 at Zabljak Mountain. During the workshop organization process one topic was arranged that was not covered with the survey. It was AMRES experience with Terena Certificate Service. This topic was chosen because MREN (Montenegro Research and Education Network) administrators expressed interest in AMRES BPD 106. Other topics are chosen after the analysis of the survey results and after the consultation with Vladimir Gazivoda (CBP coordinator for MREN in GN3+). MREN expressed willingness to participate in Workshop with one topic regarding NetFlow thread detection. OpenLdap hands-on-lab exercise was arranged because MREN showed great interest in this type of workshop activities. OpenLdap manual that was made for workshop in Banjaluka was used. OpenLdap manual is covering installation of OpenLdap service on CentOS, basic configuration and integration with Apache service.

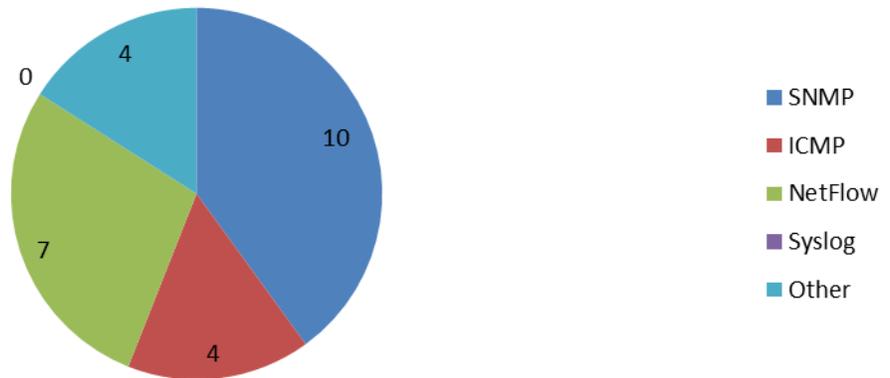
Following section contains the results of the survey



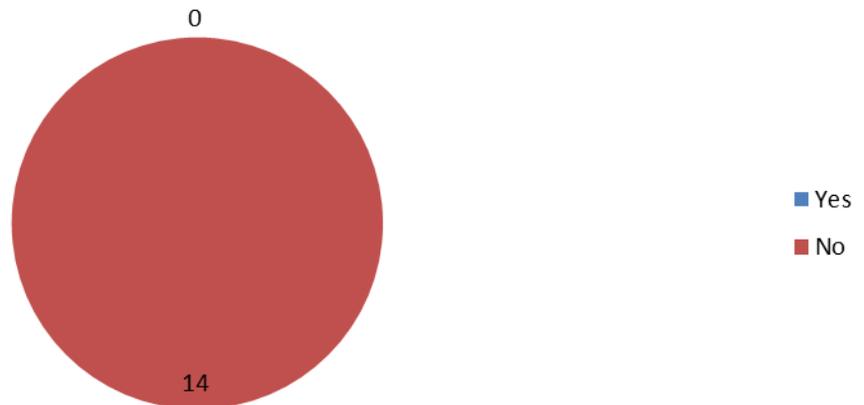
Do you perform network and service monitoring?



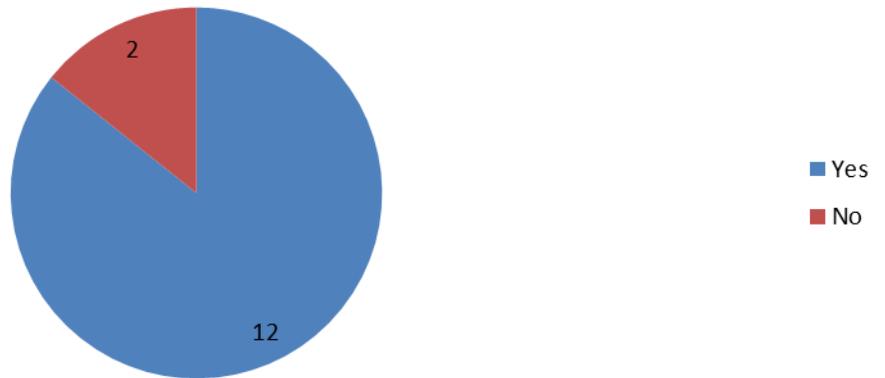
What protocols do you use for monitoring?



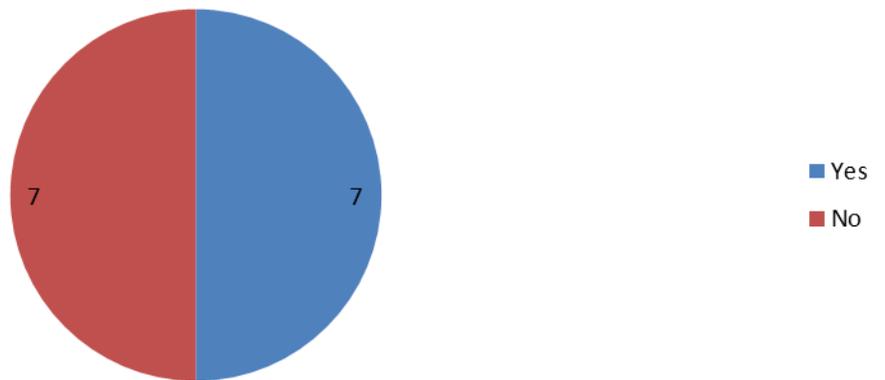
Do you use IPv6 in your network?



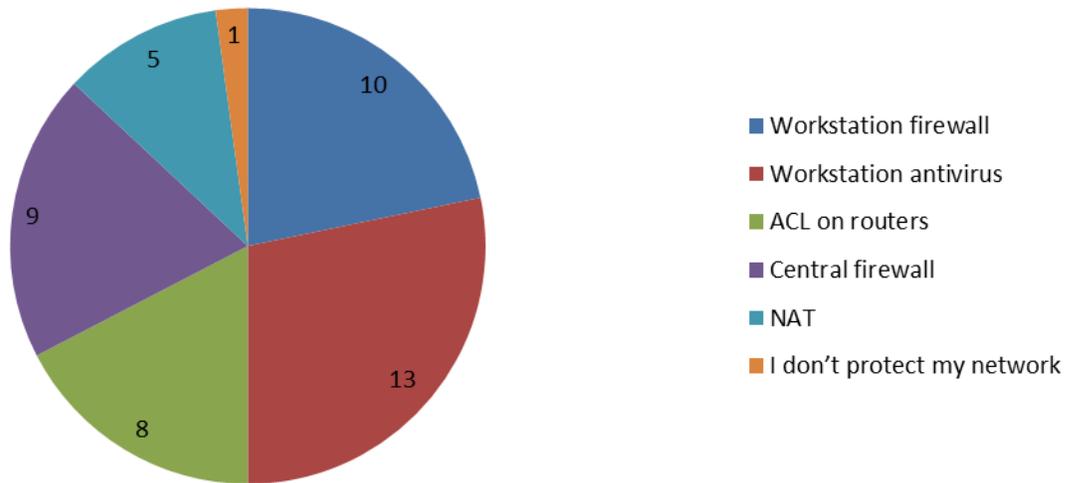
Does your institution have employee database?



Do you know what is eduroam service?



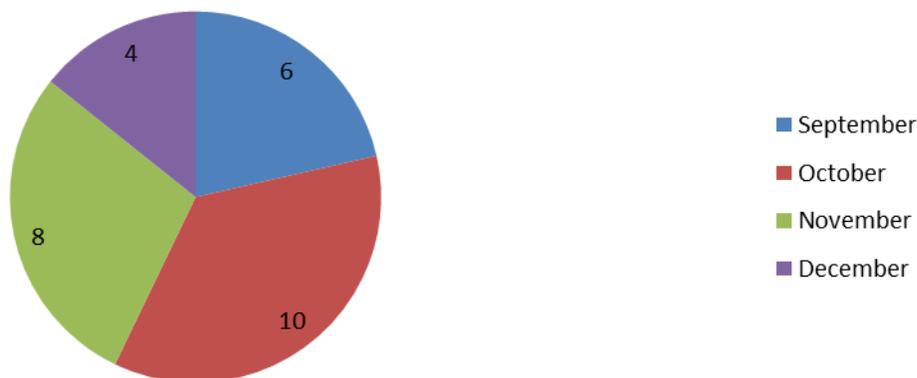
How do you protect your network/hosts?



Would you like to attend one-day workshop that will cover some of the previous subjects?



Please choose best time for workshop?



Last question allowed survey participants to add their own opinion regarding common problems that they have in their institutions.

Answers that are provided:

- Termination of internet connection with university units
- Large amount of traffic of some university units
- The use of torrent connections.
- There is no possibility to find out who/what is the cause of congested traffic in the network, or who access to the malicious sites that can harm the users/network
- Slow internet traffic.
- Wild DHCP spyware.
- Insufficient monitoring and security of the wireless system
- Unknown traffic, large amounts of traffic from one host causing the network congestion, different types of attacks
- There are a lot of problems, I think we need to keep the debate on these issues, and make recommendations/suggestions in order to solve the problems.

After the survey is conducted MREN people proposed that the workshop should be planned for the MREN national IT conference at the end of the February 2013. AMRES agreed and the 27th of February 2013. was chosen as the day for the workshop.

Agenda was created and the news was announced at the www.it.ac.me site. MREN also contacted all administrators in their NREN and spread the information about workshop.

Coordination with MREN was successful and agenda for workshop is proposed and accepted:

CBP			
9:00	9:20	CBP introduction	Ivan Ivanovic
9:20	9:40	AMRES CBP experience	Ivan Ivanovic
Wireless & Security			
9:40	10:20	eduroam experience	Marina Vermezovic
Break - 20 min			
Security & ID management			
10:40	11:20	AMRES TCS	Jovana Palibrk
11:20	12:00	ID management	Marina Vermezovic
PAUZA			
16:00	18:00	OpenLdap hands-on-lab	all
Monitoring - NetFlow technology			
18:00	18:30	Threat analysis based on NetFlow	Milan Cabak
18:30	19:00	Practical use of NetFlow protocol	Ivan Ivanovic

During the first part of the session (9:00h-12:00h) more than 15 people attended the workshop but only 14 of them left personal information:

Name	Surname	Email	Organization
Dalibor	Vukotic	dalibor@ac.me	Faculty of philosophy NREN
Pero	Tanjevic	pero@cikom.com	Cikom d.o.o.
Ana	Grbovic	grbovicana@gmail.com	EPCG
Ivan	Simonovic	ivan@ac.me	Faculty of law NREN
Rahman	Skrijelj	rahman.skrijelj@gmail.com	Faculty of law NREN
Vladimir	Gazivoda	vladg@ac.me	CIS UCG NREN
Drazen	Zujovic	zdrazen@ac.me	CIS UCG NREN
Milan	Cabak	milan@ac.me	CIS UCG NREN
Radivoje	Filipovic	fica@beotel.net	D.I.S, PK Srbija
Gorica	Nikolic	gorican@telekom.rs	Telekom Srbija
Aleksandar	Obradovic	aleksandarob@teleko.rs	Telekom Srbija
Jelena	Konatar	jelena.konatar@mps.gov.me	Montenegro Ministry of education
Marina	Matijevec	marina.matijevec@mps.gov.me	Montenegro Ministry of education
Balsa	Femic	balsa@ac.me	CIS UCG NREN

At the second part of session (16:00h-19:00h) around 25 people came to workshop. Problem occurred since we did not expect so many people and we did not have enough laptops and printed materials. We decided to present OpenLdap session using video projector and some of

more experienced admins did exercise on their own laptop. All people from AMRES CBP team actively participated during the OpenLdap session. Since we did not have enough time to finish OpenLdap session we decided to extend session for about 30 more minutes. Most of the people provided us positive feedback about workshop and I hope that in the future there will be more collaboration activities like this.