RIPE ATLAS ANCHOR AT THE UNIVERSITY OF ZENICA

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SEE 8/RIPE NCC REGIONAL MEETING

SARAJEVO, 16-17.4.2019

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

WE **DO** WANT RIPE ATLAS ANCHOR

- Following the information received after the RIPE member lunch at Sarajevo in November 2018, University of Zenica applied for the sponsorship of RIPE Atlas Anchor.
- Simultaneosly we applied for IPv6 set of addresses at our ISP.
- The sponsorship was granted in January 2019, and the Anchor was shipped.
- The forwarder service asked us to translate the customs documentation (invoice) – there was a problem on how to translate the „Atlas Anchor“.

HOW TO PAY TAX AND CUSTOMS?

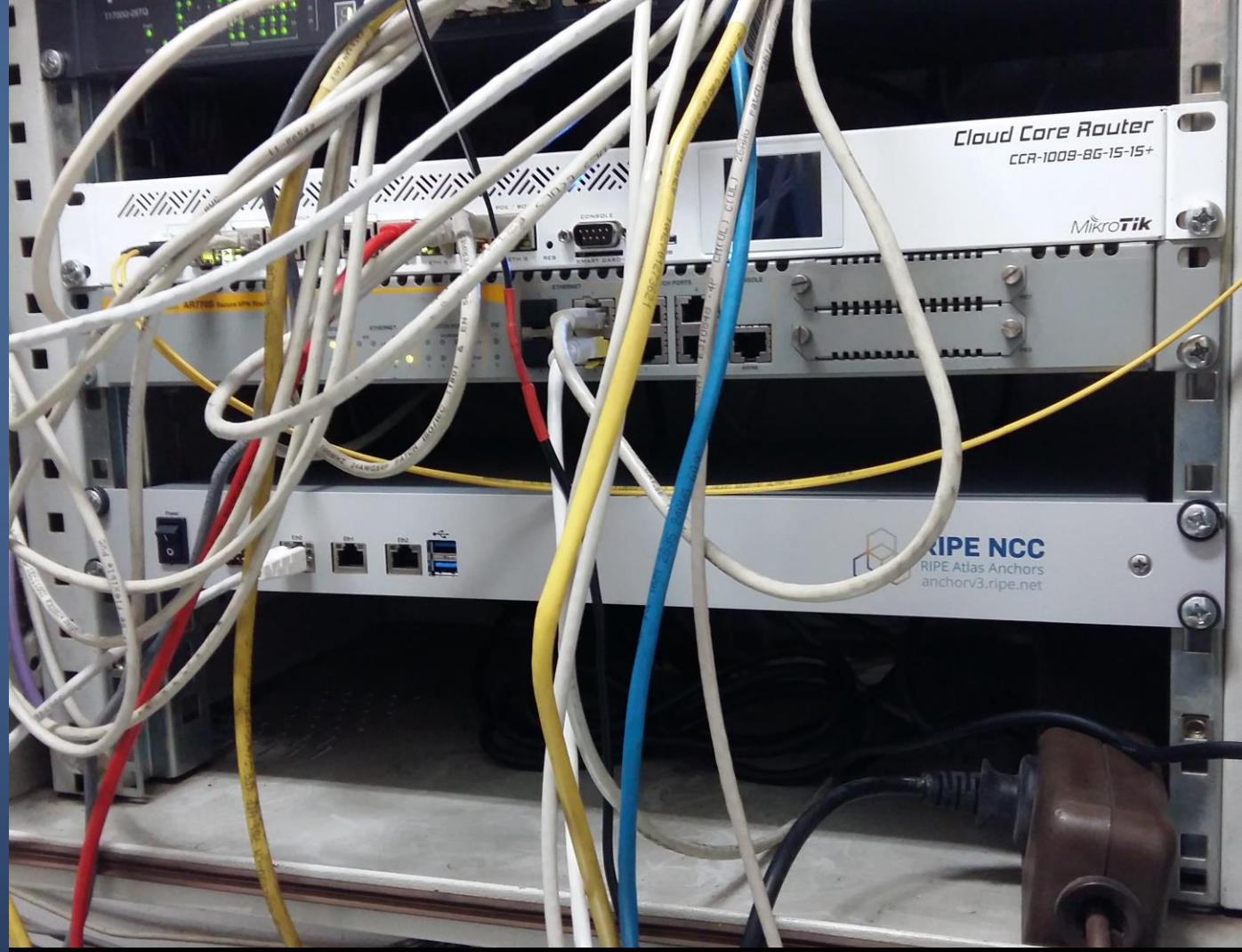
- We translated the anchor as a „measurement device“
- The forwarder asked for a certificate from a National Metrology Institute that we are „allowed to use this device in accordancy with the Law on Metrology“
- It was really hard to prove that this device is in fact not regulated by the Law.
- The tax+customs were cheaper than the proof for tax extempt.

Član 2.

Odredbe ovog Zakona odnose se na mjerila koja se primjenjuju u oblastima:
a) zaštite zdravlja ljudi i životinja;
b) zaštite okoliša i tehničke sigurnosti;
c) prometa dobara i usluga i zaštite potrošača;
d) postupaka pred upravnim i pravosudnim organima.

IPV6 IN ZENICA

- Firstly, we needed to enable IPv6 at our router.
- The official AT representative gave us the new ISO image for free (thanks Fernala).
- To get the IPv6 range was another story – the request was processed promptly by our ISP, but it is (still) not working.




```
C7609_PE_ZENICA#ping vrf Internet 2A02:27B0:1::17D

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 2A02:27B0:1::17D, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms
C7609_PE_ZENICA#ping vrf Internet 2A02:27B0:1::17E

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 2A02:27B0:1::17E, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
```

IS IT A ROUTER, MODEM, BRIDGE...?

- It turned out that the VDSL modem we use to connect with our ISP was in „bridge mode“, which disables the IPv6.
- The ISP changed the modem with the new modem, labeled as „IPv6 enabled“
- The new modem is also in „bridge mode“, and still no IPv6 routing.
- The RIPE database role object was set-up by our ISP, we registered the anchor and installed the software without IPv6, only using IPv4 addresses.

ONLINE AT LAST ☺

Your RIPE Atlas anchors

The yellow buttons below represent items that require action on your part
The blue buttons represent items that are awaiting action by the RIPE NCC
The green buttons represent items that are fully operational

Search:

Hostname	ProbeID	Company	City	Country	Contact	Ping	Traceroute	HTTP	Action
ba-zca-as9146		University of Zenica *Sponsored by: RIPE NCC*	Zenica	Bosnia and Herzegovina	UOZ1-RIPE	v4 N/A v6 N/A	IPv4 N/A IPv6 N/A	IPv4 N/A IPv6 N/A	Install Software

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