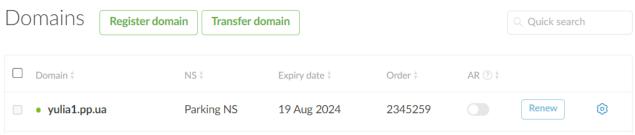
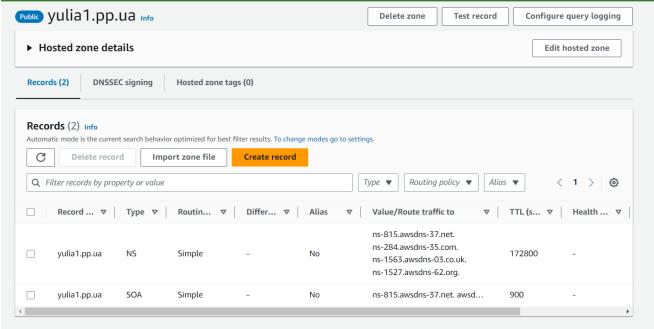
- 1. Register free domain (...pp.ua) https://nic.ua/en/domains
- 2. Activate created domain



- 3. Register new AWS Account https://portal.aws.amazon.com/billing/signup#/start/email
- 4. Create Hosted Zone in Route 53 (name of hosted zone should the name of registered domain on https://nic.ua/en/domains).



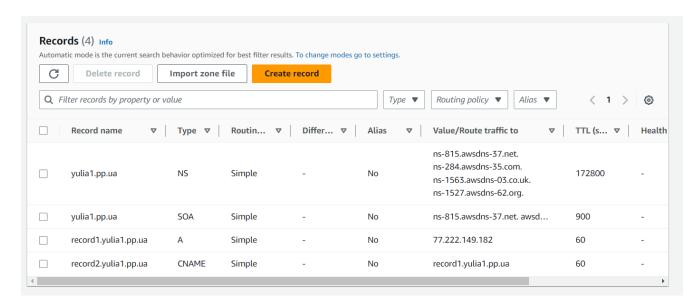
5. Copy NS records in hosted zone and Change NS-servers setting to 'Custom name server' on nic.ua and paste copied NS records



6. Check NS records of your domain using dig or nslookup commands (you should see NS records from hosted zone)

```
student@CsnKhai:/etc$ dig NS yulia1.pp.ua
; <>>> DiG 9.9.5-3ubuntu0.5-Ubuntu <<>> NS yulia1.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 9365
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; QUESTION SECTION:
                                         NS
                                IN
;yulia1.pp.ua.
;; ANSWER SECTION:
                                                 ns-1527.awsdns-62.org.
yulia1.pp.ua.
                                         NS
                        172800
                                IN
                                                 ns-1563.awsdns-03.co.uk.
yulia1.pp.ua.
                        172800
                                IN
                                         NS
                        172800
                                         NS
                                                 ns-284.awsdns-35.com.
yulia1.pp.ua.
                                IN
                        172800
                                         NS
                                                 ns-815.awsdns-37.net.
yulia1.pp.ua.
                                IN
;; Query time: 38 msec
;; SERVER: 1.1.1.1#53(1.1.1.1)
;; WHEN: Sat Aug 19 10:19:53 UTC 2023
;; MSG SIZE rcvd: 181
```

7. Create A and CNAME records in hosted zone.



```
student@CsnKhai:/etc$ dig A record1.yulia1.pp.ua
; <>>> DiG 9.9.5-3ubuntu0.5-Ubuntu <>>> A record1.yulia1.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4808
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; QUESTION SECTION:
;record1.yulia1.pp.ua.
                            IN
                                   Α
;; ANSWER SECTION:
record1.yulia1.pp.ua.
                     60
                            IN
                                   Α
                                        77.222.149.182
;; Query time: 49 msec
;; SERVER: 1.1.1.1#53(1.1.1.1)
;; WHEN: Sat Aug 19 10:19:43 UTC 2023
;; MSG SIZE rcvd: 65
student@CsnKhai:/etc$ dig CNAME record2.yulia1.pp.ua
 ; <<>> DiG 9.9.5-3ubuntu0.5-Ubuntu <<>> CNAME record2.yulia1.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36734
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1
;; OPT PSEUDOSECTION:
 ; EDNS: version: 0, flags:; udp: 1232
;; QUESTION SECTION:
;record2.yulia1.pp.ua.
                            IN
                                            CNAME
;; ANSWER SECTION:
record2.yulia1.pp.ua. 60
                                   IN
                                            CNAME
                                                    record1.yulia1.pp.ua.
;; Query time: 169 msec
;; SERVER: 1.1.1.1#53(1.1.1.1)
;; WHEN: Sat Aug 19 10:19:26 UTC 2023
   MSG SIZE rcvd: 71
```

8. *Set latency routing policy for two DNS records.

latency.yulia1.pp.ua	Α	Latency	Africa (C	No	77.222.149.182	60
latency.yulia1.pp.ua	Α	Latency	Canada (No	192.178.25.174	60

9. *Check created dns records using dig or nslookup commands.

```
student@CsnKhai:/etc$ dig latency.yulia1.pp.ua
; <>>> DiG 9.9.5-3ubuntu0.5-Ubuntu <>>> latency.yulia1.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 44692
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; QUESTION SECTION:
;latency.yulia1.pp.ua.
                               IN
                                       Α
;; ANSWER SECTION:
                               IN
                                               192.178.25.174
latency.yulia1.pp.ua.
                       60
                                       Α
;; Query time: 46 msec
;; SERVER: 1.1.1.1#53(1.1.1.1)
;; WHEN: Sat Aug 19 10:37:40 UTC 2023
;; MSG SIZE rcvd: 65
```