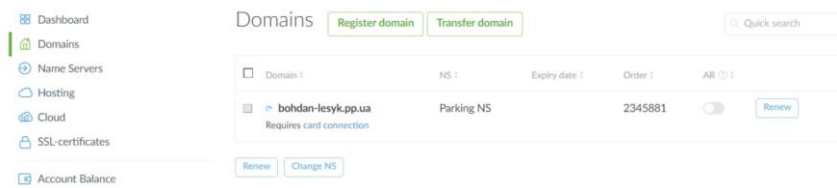
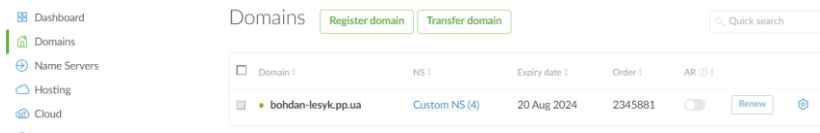


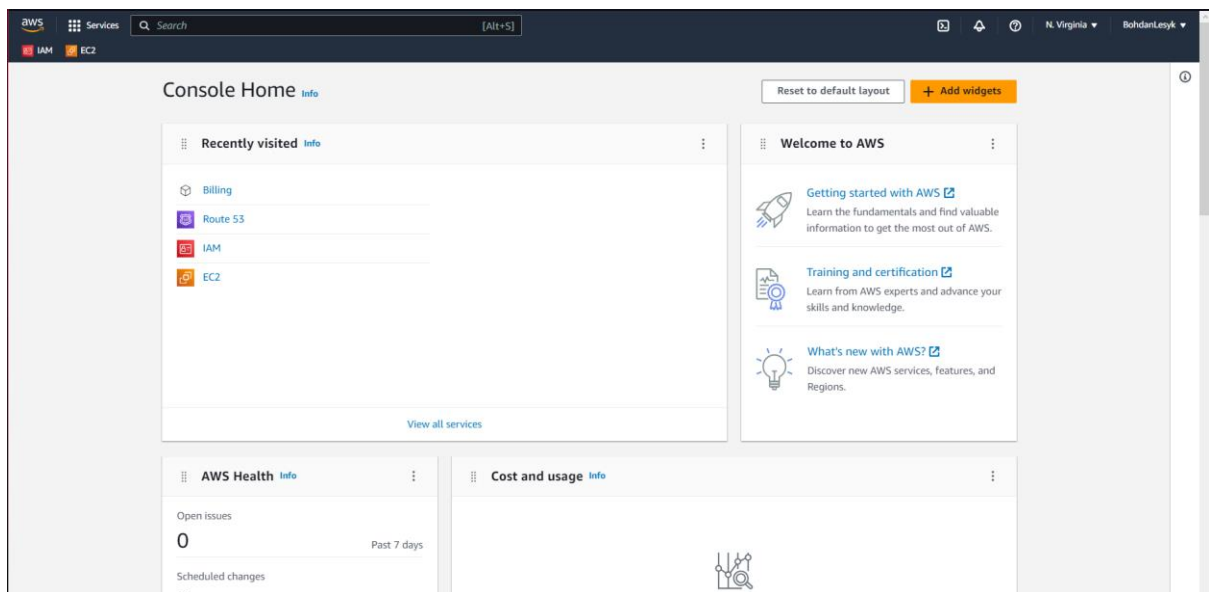
1) Register free domain (...pp.ua).



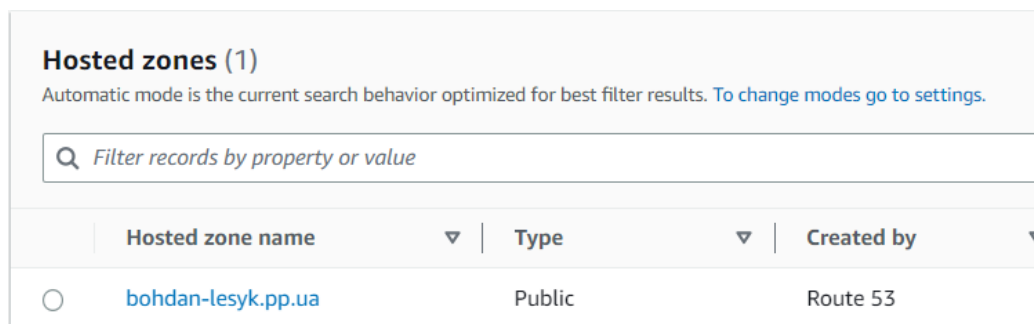
2) Activate created domain.



3) Register new AWS Account



4) Create Hosted Zone in Route 53.



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

NS-servers

Custom name servers ▼

List of your own name servers [Change](#)

1. ns-143.awsdns-17.com
2. ns-580.awsdns-08.net
3. ns-1531.awsdns-63.org
4. ns-1699.awsdns-20.co.uk

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

```
student@VM1:~$ dig bohdan-lesyk.pp.ua NS

; <<=> DiG 9.9.5-3ubuntu0.5-Ubuntu <<=> bohdan-lesyk.pp.ua NS
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 27831
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 2

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;bohdan-lesyk.pp.ua.      IN      NS

;; ANSWER SECTION:
bohdan-lesyk.pp.ua.      21600   IN      NS      ns-1699.awsdns-20.co.uk.
bohdan-lesyk.pp.ua.      21600   IN      NS      ns-1531.awsdns-63.org.
bohdan-lesyk.pp.ua.      21600   IN      NS      ns-143.awsdns-17.com.
bohdan-lesyk.pp.ua.      21600   IN      NS      ns-580.awsdns-08.net.

;; ADDITIONAL SECTION:
ns-143.awsdns-17.com.    74615   IN      A        205.251.192.143

;; Query time: 87 msec
;; SERVER: 127.0.0.1#53(127.0.0.1)
;; WHEN: Sun Aug 20 15:57:38 UTC 2023
;; MSG SIZE rcvd: 203

student@VM1:~$
```

- 7) Create A and CNAME records in hosted zone.

<input type="checkbox"/>	google-re...	A
<input type="checkbox"/>	main.boh...	CNAME

- 8) Set latency routing policy for two DNS records.

<input type="checkbox"/>	google-re...	A	Latency	US East ...	No	142.251.208.142
<input type="checkbox"/>	main.boh...	CNAME	Latency	US East ...	No	google-record.bohdan-lesyk....

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

```
student@VM1:~$ dig google-record.bohdan-lesyk.pp.ua

; <<>> DiG 9.9.5-3ubuntu0.5-Ubuntu <<>> google-record.bohdan-lesyk.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 18091
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0

;; QUESTION SECTION:
;google-record.bohdan-lesyk.pp.ua. IN A

;; ANSWER SECTION:
google-record.bohdan-lesyk.pp.ua. 29 IN A      142.251.208.142

;; Query time: 4 msec
;; SERVER: 127.0.0.1#53(127.0.0.1)
;; WHEN: Sun Aug 20 16:16:20 UTC 2023
;; MSG SIZE rcvd: 66

student@VM1:~$
```

```
student@VM1:~$ dig main.bohdan-lesyk.pp.ua

; <<>> DiG 9.9.5-3ubuntu0.5-Ubuntu <<>> main.bohdan-lesyk.pp.ua
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59477
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 4, ADDITIONAL: 8

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;main.bohdan-lesyk.pp.ua. IN A

;; ANSWER SECTION:
main.bohdan-lesyk.pp.ua. 3 IN CNAME google-record.bohdan-lesyk.pp.ua.
google-record.bohdan-lesyk.pp.ua. 3 IN A      142.251.208.142

;; AUTHORITY SECTION:
bohdan-lesyk.pp.ua. 20453 IN NS ns-1699.awsdns-20.co.uk.
bohdan-lesyk.pp.ua. 20453 IN NS ns-143.awsdns-17.com.
bohdan-lesyk.pp.ua. 20453 IN NS ns-580.awsdns-08.net.
bohdan-lesyk.pp.ua. 20453 IN NS ns-1531.awsdns-63.org.

;; ADDITIONAL SECTION:
ns-143.awsdns-17.com. 73468 IN A      205.251.192.143
ns-580.awsdns-08.net. 20569 IN A      205.251.194.68
ns-1531.awsdns-63.org. 20293 IN A      205.251.197.251
ns-1699.awsdns-20.co.uk. 19376 IN A      205.251.198.163
ns-580.awsdns-08.net. 20569 IN AAAA 2600:9000:5302:4400::1
ns-1531.awsdns-63.org. 20322 IN AAAA 2600:9000:5305:fb00::1
ns-1699.awsdns-20.co.uk. 20569 IN AAAA 2600:9000:5306:a300::1

;; Query time: 17 msec
;; SERVER: 127.0.0.1#53(127.0.0.1)
;; WHEN: Sun Aug 20 16:16:45 UTC 2023
;; MSG SIZE rcvd: 384

student@VM1:~$
```