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

Domains [Register domain] [Transfer domain]   🔍 Quick search

	Domain ⇕	NS ⇕	Expiry date ⇕	Order ⇕	AR ⓘ ⇕		
☐	• **yulia1.pp.ua**	Parking NS	19 Aug 2024	2345259	⚪	[Renew]	⚙

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).

Public **yulia1.pp.ua** Info   [Delete zone] [Test record] [Configure query logging]

▶ **Hosted zone details**   [Edit hosted zone]

Records (2)   DNSSEC signing   Hosted zone tags (0)

Records (2) Info
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

⟳ [Delete record] [Import zone file] [**Create record**]

🔍 Filter records by property or value   [Type ▼] [Routing policy ▼] [Alias ▼]   ‹ 1 › ⚙

☐	Record ... ▽	Type ▽	Routin... ▽	Differ... ▽	Alias ▽	Value/Route traffic to ▽	TTL (s... ▽	Health ... ▽
☐	yulia1.pp.ua	NS	Simple	-	No	ns-815.awsdns-37.net. ns-284.awsdns-35.com. ns-1563.awsdns-03.co.uk. ns-1527.awsdns-62.org.	172800	-
☐	yulia1.pp.ua	SOA	Simple	-	No	ns-815.awsdns-37.net. awsd...	900	-

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-1563.awsdns-03.co.uk

2. ns-1527.awsdns-62.org

3. ns-284.awsdns-35.com

4. ns-815.awsdns-37.net

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:
;yulia1.pp.ua.                  IN      NS

;; ANSWER SECTION:
yulia1.pp.ua.          172800  IN      NS      ns-1527.awsdns-62.org.
yulia1.pp.ua.          172800  IN      NS      ns-1563.awsdns-03.co.uk.
yulia1.pp.ua.          172800  IN      NS      ns-284.awsdns-35.com.
yulia1.pp.ua.          172800  IN      NS      ns-815.awsdns-37.net.

;; 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.

Records (4) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

[C] [Delete record] [Import zone file] [**Create record**]

Q Filter records by property or value | Type ▼ | Routing policy ▼ | Alias ▼ | < 1 > ⚙

☐	Record name ▽	Type ▽	Routin... ▽	Differ... ▽	Alias ▽	Value/Route traffic to ▽	TTL (s... ▽	Health
☐	yulia1.pp.ua	NS	Simple	-	No	ns-815.awsdns-37.net. ns-284.awsdns-35.com. ns-1563.awsdns-03.co.uk. ns-1527.awsdns-62.org.	172800	-
☐	yulia1.pp.ua	SOA	Simple	-	No	ns-815.awsdns-37.net. awsd...	900	-
☐	record1.yulia1.pp.ua	A	Simple	-	No	77.222.149.182	60	-
☐	record2.yulia1.pp.ua	CNAME	Simple	-	No	record1.yulia1.pp.ua	60	-

```
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      A

;; ANSWER SECTION:
record1.yulia1.pp.ua.   60      IN      A       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	A	Latency	Africa (C…	No	77.222.149.182	60
☐	latency.yulia1.pp.ua	A	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      A

;; ANSWER SECTION:
latency.yulia1.pp.ua.    60      IN      A        192.178.25.174

;; 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
```