

Звіт
Лабораторна робота 5
ТЕХНОЛОГІЇ ПРОГРАМУВАННЯ
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Тема: створення акаунту aws налаштування контролю витрат
Мета: створити акаунт aws, налаштувати контроль витрат.

https://github.com/Utilka/univ_programming_technologies_proj

создали аккаунт
подлогинились
включаем оповещения

☒ **Receive Free Tier Usage Alerts**
Turn on this feature to receive email alerts when your AWS s
email address that is not the primary email address associat

Email Address:

настраиваем бюджеты

Define your budget name and timeframe

Name

Period

Budget effective dates

Recurring budgets will renew on the first day of every monthly billing period. Expiring budgets wi

☐ Recurring budget

☒ Expiring budget

Start month

End month

Define your budget threshold

Set threshold based on:

- ☐ Actual cost
- ☒ Forecasted Cost

Alert threshold

100

^

v

% of budgeted amount ▼

Summary: This threshold is set based on **Forecasted cost** when it is **greater than 100% (\$1.00)**

Set up your notifications

You can send budget alerts via email, Amazon Simple Notification Service (Amazon SNS) topic or with AWS Chatbot AI

Email recipients (Maximum:10)

andrii.v.bolshakov@gmail.com

по итогу имеем вот

Current vs. budgeted

0%

Current
\$0

Budgeted amount
\$1

Forecasted vs. budgeted

0%

Forecasted
-

Budgeted amount
\$1

Thresholds

Pending actions 0

There are no pending actions.

Other thresholds 0

Threshold 1

Actual cost is greater than 50% (\$0.50)

More Info

Threshold 2

Actual cost is greater than 80% (\$0.80)

More Info

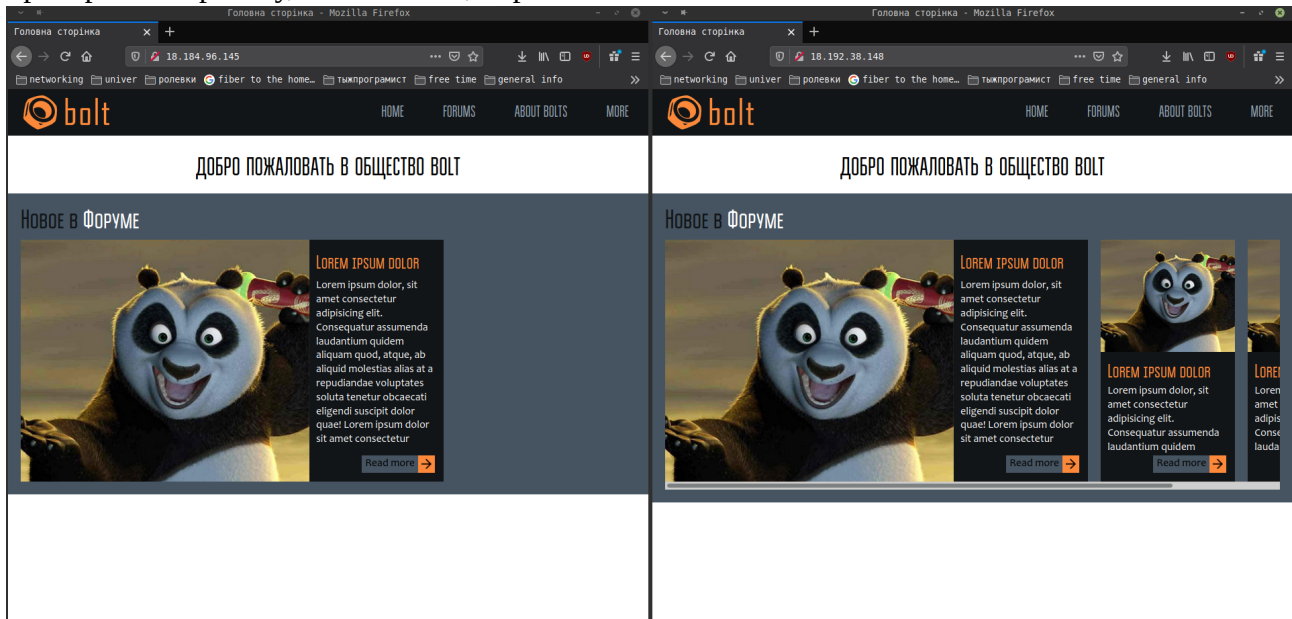
Threshold 3

Forecasted cost is greater than 100% (\$1.00)

More Info

It can take up to 4 days for AWS Budgets data to become available for new AWS customers. Please try again soon.

создаем EC2 инстансы
качаем туда курсач с гитхаба
делаем различие между страницами
запускаем вебхосты
проверяем их работу, слева сеть в, справа сеть а



идем настраивать лoad балансер

Step 1: Configure Load Balancer

name ⓘ

Scheme ⓘ ☒ internet-facing
☐ internal

IP address type ⓘ

Listeners

A listener is a process that checks for connection requests, using the protocol and port that you configured.

Load Balancer Protocol	Load Balancer Port
<input type="text" value="HTTP"/>	<input type="text" value="80"/>
<input type="button" value="Add listener"/>	

Availability Zones

Specify the Availability Zones to enable for your load balancer. The load balancer routes traffic to the targets in these Availability Zones only. You can specify only one subnet per

VPC ⓘ

Availability Zones

☒ eu-central-1a
IPv4 address ⓘ Assigned by AWS

☒ eu-central-1b
IPv4 address ⓘ Assigned by AWS

☐ eu-central-1c

Step 4: Configure Routing

Target group

Target group ⓘ

New target group

Name ⓘ

web-group

Target type

☒ Instance

☐ IP

☐ Lambda function

Protocol ⓘ

HTTP

Port ⓘ

80

Protocol version ⓘ

☒ HTTP1

☐ HTTP2

☐ gRPC

Send requests to targets using HTTP/1.1. Supported when the req

Send requests to targets using HTTP/2. Supported when the requ

Send requests to targets using gRPC. Supported when the request

Health checks

Protocol ⓘ

HTTP

Path ⓘ

/

► Advanced health check settings

Step 5: Register Targets

Register targets with your target group. If you register a target in an enabled Availability Zone, the load balancer starts routing requests to the targets as soon as the registration process completes and the target passes the initial health checks.

Registered targets

To deregister instances, select one or more registered instances and then click Remove.

Remove

<input type="checkbox"/>	Instance	Name	Port	State	Security groups	Zone
<input type="checkbox"/>	I-075eb23748682f526		80	running	launch-wizard-1	eu-central-1a
<input type="checkbox"/>	I-0a75395614b3ad497		80	running	launch-wizard-1	eu-central-1b

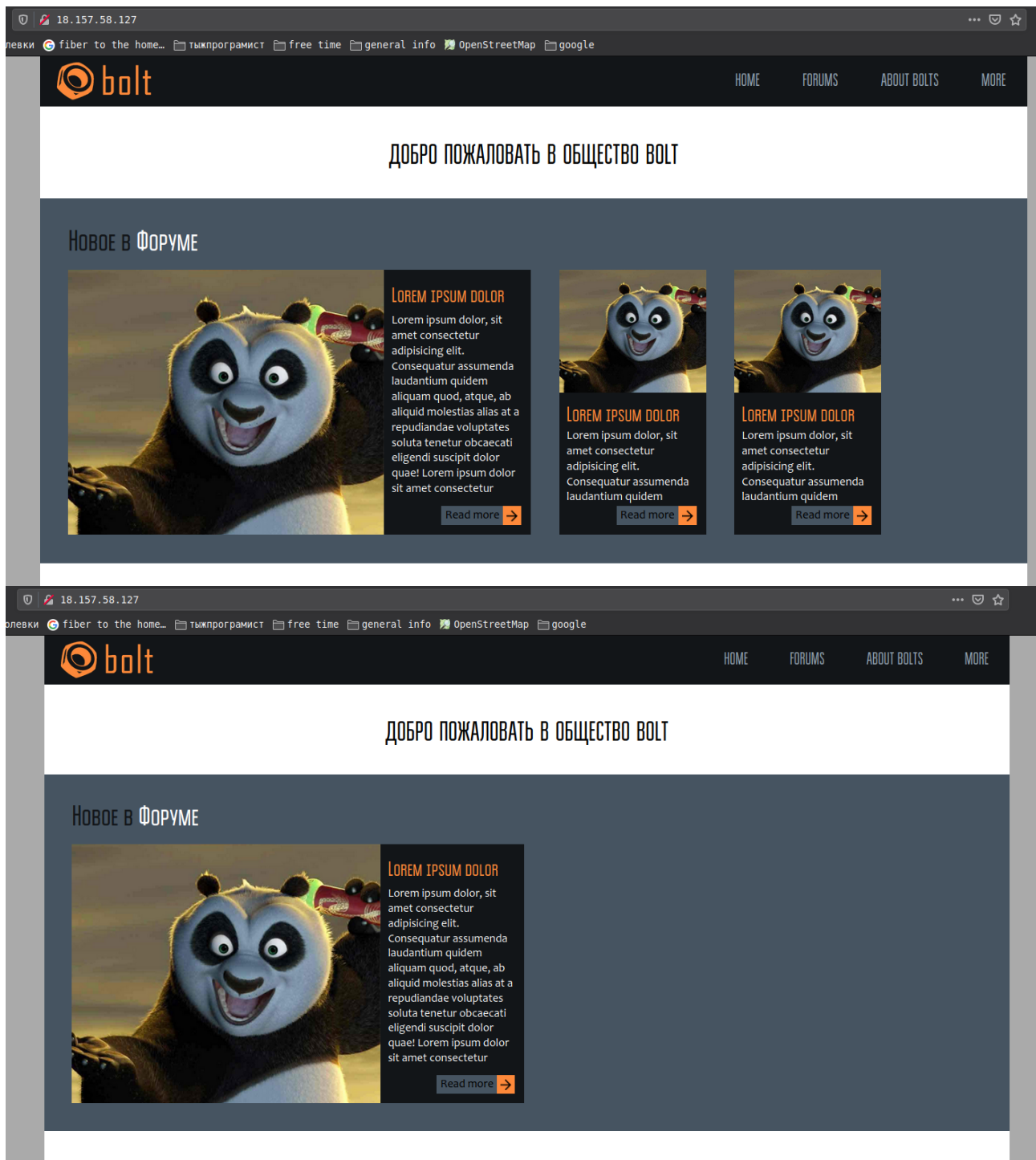
Instances

To register additional instances, select one or more running instances, specify a port, and then click Add. The default port is the port specified for the target group. If the instance is already registered on the specified port, you must specify a different port.

Add to registered on port 80

Search Instances X

<input type="checkbox"/>	Instance	Name	State	Security groups	Zone	Subnet ID	Subnet CIDR
<input type="checkbox"/>	I-075eb23748682f526		running	launch-wizard-1	eu-central-1a	subnet-31d2b65b	172.31.16.0/20
<input type="checkbox"/>	I-0a75395614b3ad497		running	launch-wizard-1	eu-central-1b	subnet-4f9f4d33	172.31.32.0/20



видим что лoad балансер работает

Выводы:

мы научились пользоваться aws