

AZURE

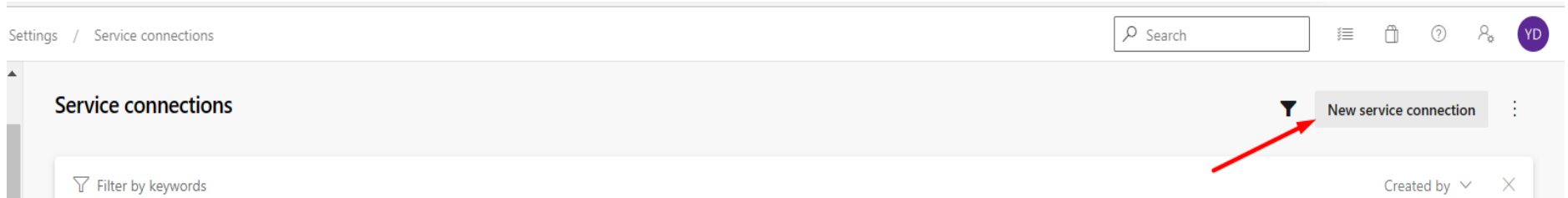
PART 1

CONFIGURE APPLICATION

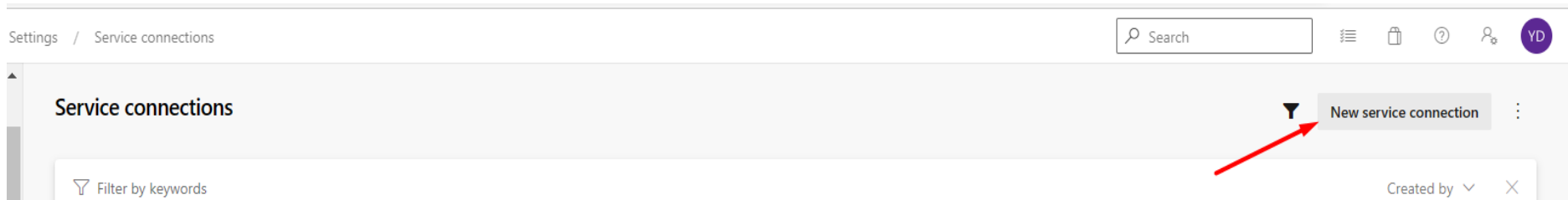
A solid blue horizontal bar is positioned below the text. Below this bar, the entire bottom half of the slide is filled with a blue grid pattern, consisting of small, light blue squares on a darker blue background.

Create a project connection in a Azure DevOps.

Login in Azure DevOps → push New Project Button and create new project:



Enter into created project and create service connection:
Project Settings→*Service Connections* → *New Service connection*



New service connection

Choose a service or connection type

- ☒ AWS for Terraform
- ☐ Azure Classic
- ☐ Azure Repos/Team Foundation Server
- ☐ Azure Resource Manager
- ☐ Azure Service Bus
- ☐ Bitbucket Cloud
- ☐ Chef
- ☐ Docker Host
- ☐ Docker Registry
- ☐ GCP for Terraform
- ☐ Generic
- ☐ GitHub
- ☐ GitHub Enterprise Server
- ☐ Incoming WebHook
- ☐ Jenkins
- ☐ Jira

New Azure service connection

Azure Resource Manager

Authentication method

- ☒ Service principal (automatic) Recommended
- ☐ Service principal (manual)
- ☐ Managed identity
- ☐ Publish Profile


[Need help choosing a connection type?](#)

Back

Next

Вход в учетную запись - Personal - Microsoft Edge

https://login.microsoftonline.com/e2aea700-e353-4bec-aba8-a7a738a2a4a3/oauth2/authorize?client_id=499b84ac-1321-427f-aa17-267ca6...


 **Microsoft**


Войти

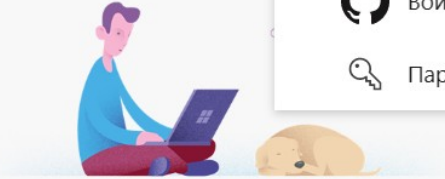
Электронная почта, телефон или Skype

Не удается получить доступ к своей учетной записи?

Далее

 Войти по учетным данным GitHub

 Параметры входа



Условия использования Конфиденциальность и файлы cookie ...

New Azure service connection

Azure Resource Manager using service principal (automatic)

Scope level

☒ Subscription

☐ Management Group

☐ Machine Learning Workspace

Subscription

ForStudy (890e7d96-74cd-4b79-b15a-161ba1a773cc) ▾

Resource group

▾

Details

Service connection name

▾

Description (optional)

▾

Security

☐ Grant access permission to all pipelines

[Learn more](#)

[Troubleshoot](#)

Back Save

New Azure service connection

Azure Resource Manager using service principal (automatic)

Scope level

- ☒ Subscription
☐ Management Group
☐ Machine Learning Workspace

Subscription

ForStudy (890e7d96-74cd-4b79-b15a-161ba1a773cc)

Resource group

Details

Service connection name

ForStudy1

Description (optional)

Security

- ☒ Grant access permission to all pipelines

[Learn more](#)

[Troubleshoot](#)

Back

Save

As a result we have connected to Azure Subscription and created Azure service Connection with ForStudy1 name.

I used dotnet template for creating console test project:

```
dotnet new console -o App1 -f net6.0
```

```
cd App1
```

```
dotnet restore
```

```
dotnet build
```

```
dotnet run
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1>dotnet new console -o App1 -f net6.0
The template "Console App" was created successfully.
```

```
Processing post-creation actions...
```

```
Running 'dotnet restore' on G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1\App1.csproj...
```

```
Determining projects to restore...
```

```
Restored G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1\App1.csproj (in 138 ms).
```

```
Restore succeeded.
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1>cd App1
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1>dotnet restore
```

```
Determining projects to restore...
```

```
All projects are up-to-date for restore.
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1>dotnet build
```

```
MSBuild version 17.3.2+561848881 for .NET
```

```
Determining projects to restore...
```

```
All projects are up-to-date for restore.
```

```
App1 -> G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1\bin\Debug\net6.0\App1.dll
```

```
Build succeeded.
```

```
0 Warning(s)
```

```
0 Error(s)
```

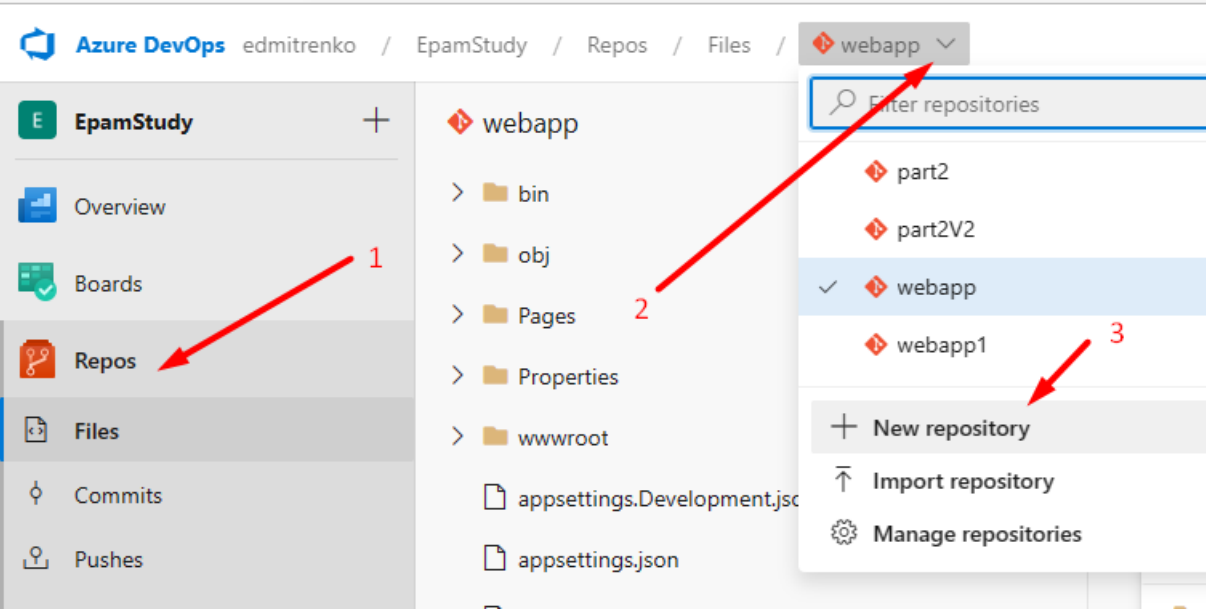
```
Time Elapsed 00:00:08.64
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1>dotnet run
```

```
Hello, World!
```

```
G:\Dropbox\Work\Desktop\EPAM DevOps\L1\Azure\Task\part1\App1>
```


Create new Repo: *Repos* → *Files* → *New Repository*:



Create a repository

Repository type

Git

Repository name *

App1

☒ Add a README

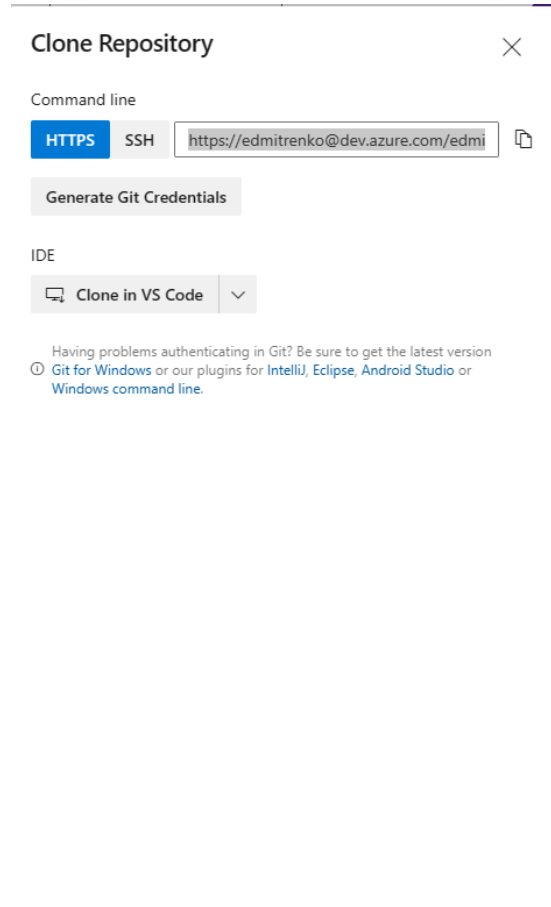
Add a .gitignore: None

Your repository will be initialized with a main branch.

Cancel

Create

After that we can clone this repository using link:



Create a branch policy:

The screenshot displays the EpamStudy interface for managing branches. The left sidebar contains navigation options: Overview, Boards, Repos (highlighted), Files, Commits, Pushes, Branches (highlighted with a red box), Tags, Pull requests, Pipelines, Test Plans, and Artifacts. The main area is titled 'Branches' and includes tabs for Mine, All, and Stale. A search bar for branch names is present. A table lists the branches, with the 'main' branch selected. The context menu for the 'main' branch is open, showing options such as 'New branch', 'New pull request', 'Delete branch', 'View files', 'View history', 'Compare branches', 'Set as compare branch', 'Set as default branch', 'Lock', 'Branch policies' (highlighted with a red box), and 'Branch security'. A red arrow points to the menu icon in the table row.

Branch	Commit	Author	Authored Date	Behind Ahead	Status	Pull Req...
<u>main</u> Default Compare	8a396b33	YEVHEN DMYT...	7m ago			

- + New branch
- New pull request
- Delete branch
- View files
- View history
- Compare branches
- Set as compare branch
- Set as default branch
- Lock
- Branch policies**
- Branch security

Add new reviewer policy → Add Myself as a reviewer:

group that includes my account:

Add new reviewer policy ✕

Reviewers

[E] [EpamStudy] EpamStudy Team ✕ +

Policy requirement

☐ Optional

☒ **Required**

Minimum number of reviewers

1 ⓘ

A single group is required to set count

For pull request affecting these folders

ⓘ

Leave blank to include the specified reviewers on all pull requests

Completion options

☒ Allow requestors to approve their own changes

Activity feed message

ⓘ

Save **Cancel**

ET **EpamStudy Team**
The default project team.
Relevant links: [Notifications](#) | [Dashboards](#) | [Iterations and Area Paths](#)

Members **Settings**

Total 1

☐ Name

☐ **YD** **YEVHEN DMYTRENKO**
e.dmitrenko@yahoo.com