Keycloak
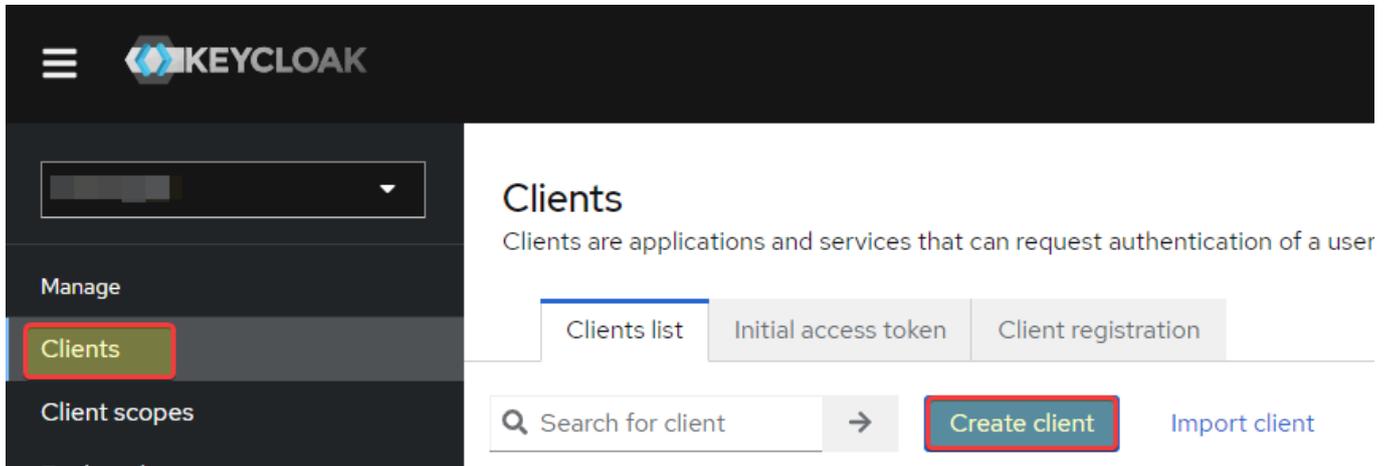
Интеграция с Gitlab

На стороне Keycloak заводим нового клиента:

Задаем имя клиента, RootURI b Valid Redirect URI:

Clients > Client details

git.virtlab.space (OpenID Connect)

Clients are applications and services that can request authentication of a user.

| Settings | Keys | Credentials | Roles | Client scopes | Sessions | Advanced |

General Settings

Client ID * ⑦   git.virtlab.space

Name ⑦   git.virtlab.space

Description ⑦

Always display in UI ⑦   ⬤ Off

Access settings

Root URL ⑦   https://git.virtlab.space

Home URL ⑦   https://git.virtlab.space

Valid redirect URIs ⑦   https://git.virtlab.space/users/auth/openid_connect/callback   ⊖

➕ Add valid redirect URIs

Необходимые для работы Scopes: openid, profile, email

git.virtlab.space (OpenID Connect)   ⬤ Enabled ⑦   Action ▾

Clients are applications and services that can request authentication of a user.

| Settings | Keys | Credentials | Roles | Client scopes | Sessions | Advanced |

| Setup | Evaluate |

▼ Name ▾   🔍 Search by name   →   Add client scope   Change type to ▾   ⋮   1-3 ▾   <   >

☐ Assigned client scope	Assigned type	Description	
☐ git.virtlab.space-dedicated	none ▾	Dedicated scope and mappers for this client	⋮
☐ email	Default ▾	OpenID Connect built-in scope: email	⋮
☐ profile	Default ▾	OpenID Connect built-in scope: profile	⋮

На стороне Gitlab редактируем файл /etc/gitlab/gitlab.rb:

```
# nano /etc/gitlab/gitlab.rb
```

```
gitlab_rails['omniauth_enabled'] = true
gitlab_rails['omniauth_allow_single_sign_on'] = ['openid_connect']
gitlab_rails['omniauth_sync_profile_from_provider'] = ['openid_connect']
```

```
gitlab_rails['omniauth_block_auto_created_users'] = false
gitlab_rails['omniauth_auto_link_user'] = ['openid_connect']

gitlab_rails['omniauth_providers'] = [
  {
    name: "openid_connect", # do not change this parameter
    label: "KeyCloak SSO", # optional label for login button, defaults to
"Openid Connect"
    icon: "https://idm.virtlab.space/welcome-content/keycloak-project.png",
    args: {
      name: "openid_connect",
      scope: ["openid","profile","email"],
      response_type: "code",
      issuer: "https://idm.virtlab.space/realms/virtlab",
      discovery: true,
      client_auth_method: "query",
      uid_field: "email",
      send_scope_to_token_endpoint: "false",
      pkce: true,
      client_options: {
        identifier: "git.virtlab.space",
        secret: "client_secret_here",
        redirect_uri:
"https://git.virtlab.space/users/auth/openid_connect/callback"
      }
    }
  }
]
```

From:
https://wiki.virtlab.space/ -

Permanent link:
https://wiki.virtlab.space/common_linux:keycloak

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