Enviar imagens para o firebase Storage

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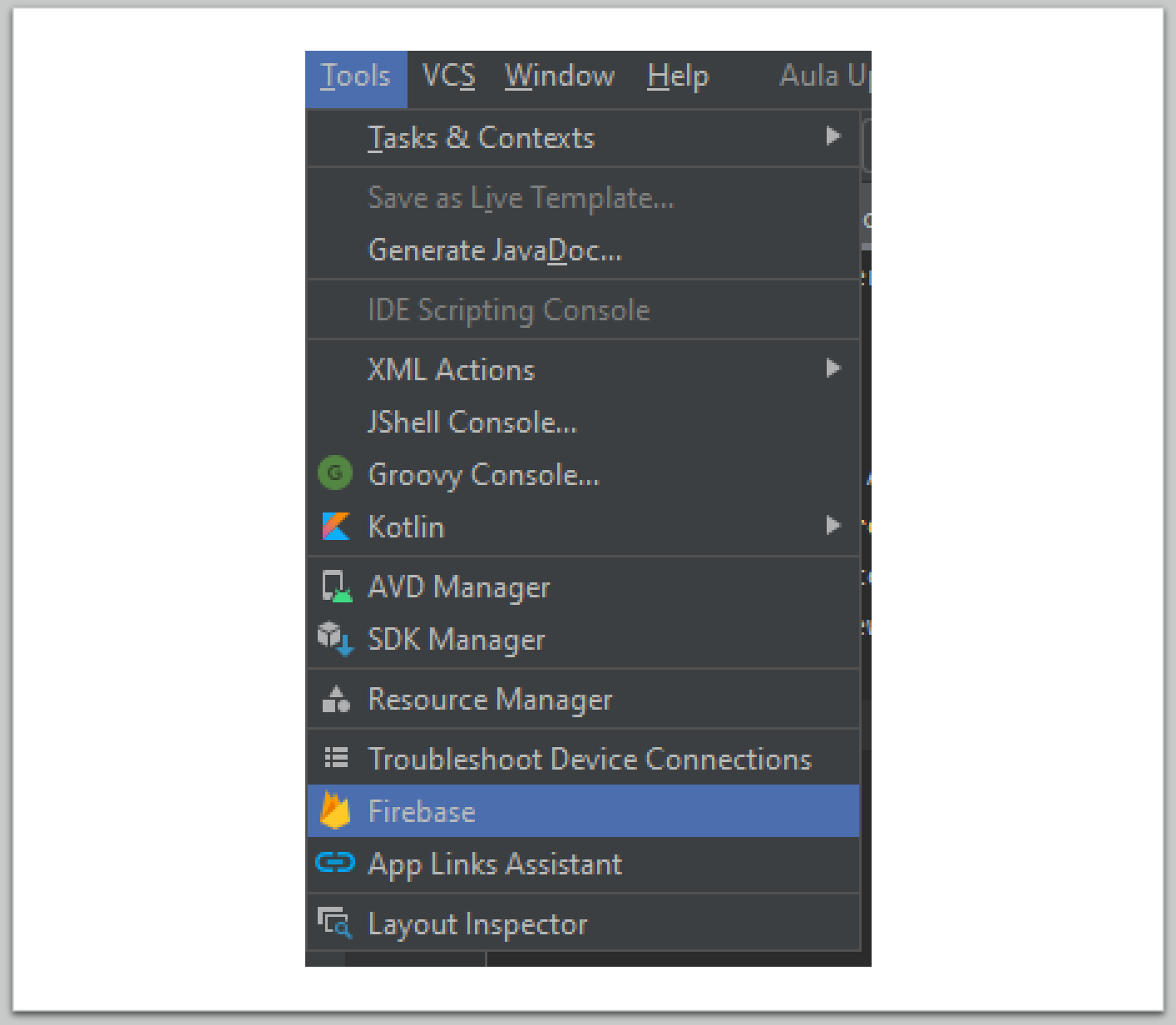
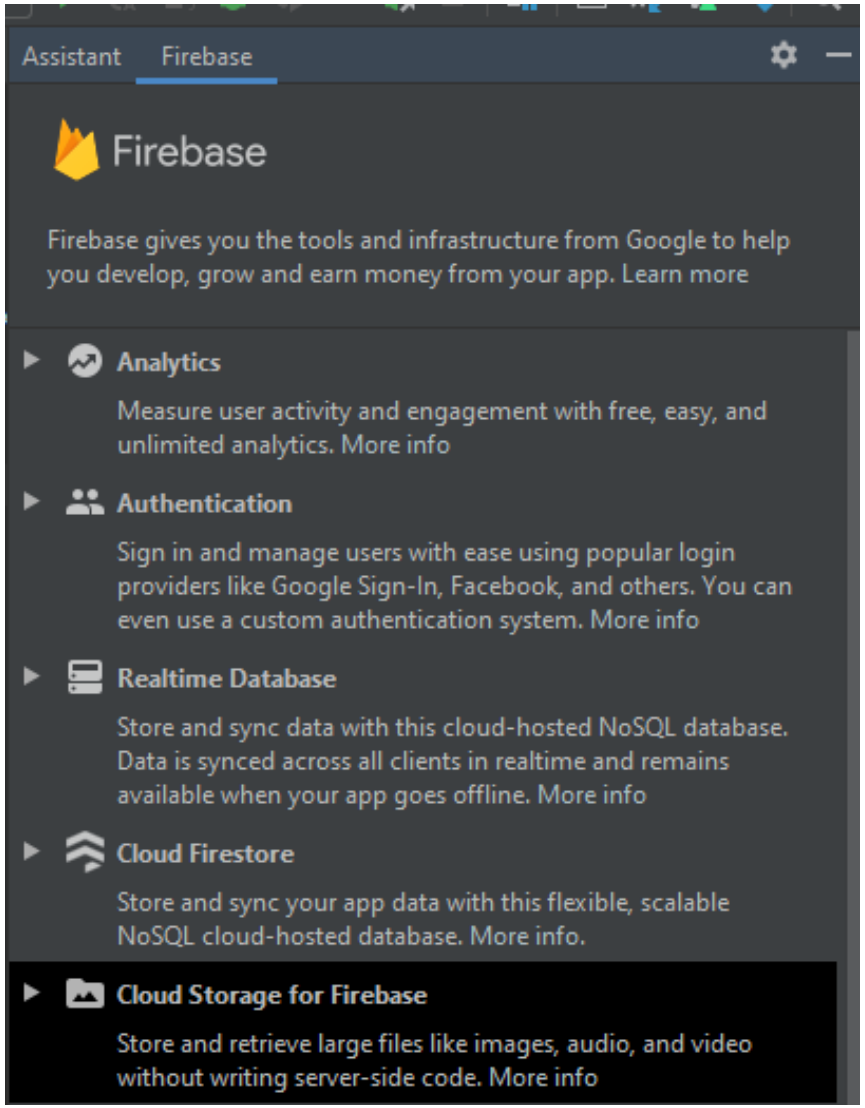
Configuração firebase

- Acesse o assistente do firebase no menu tools

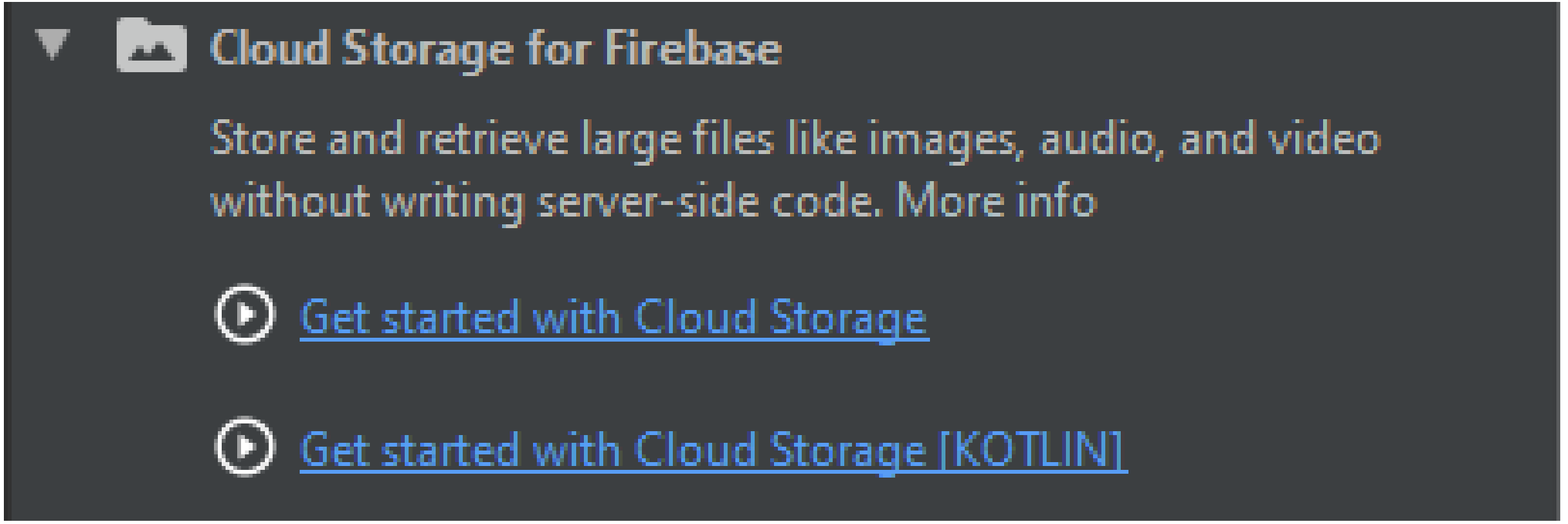


Configuração firebase

- Selecione a opção cloud storage for firebase

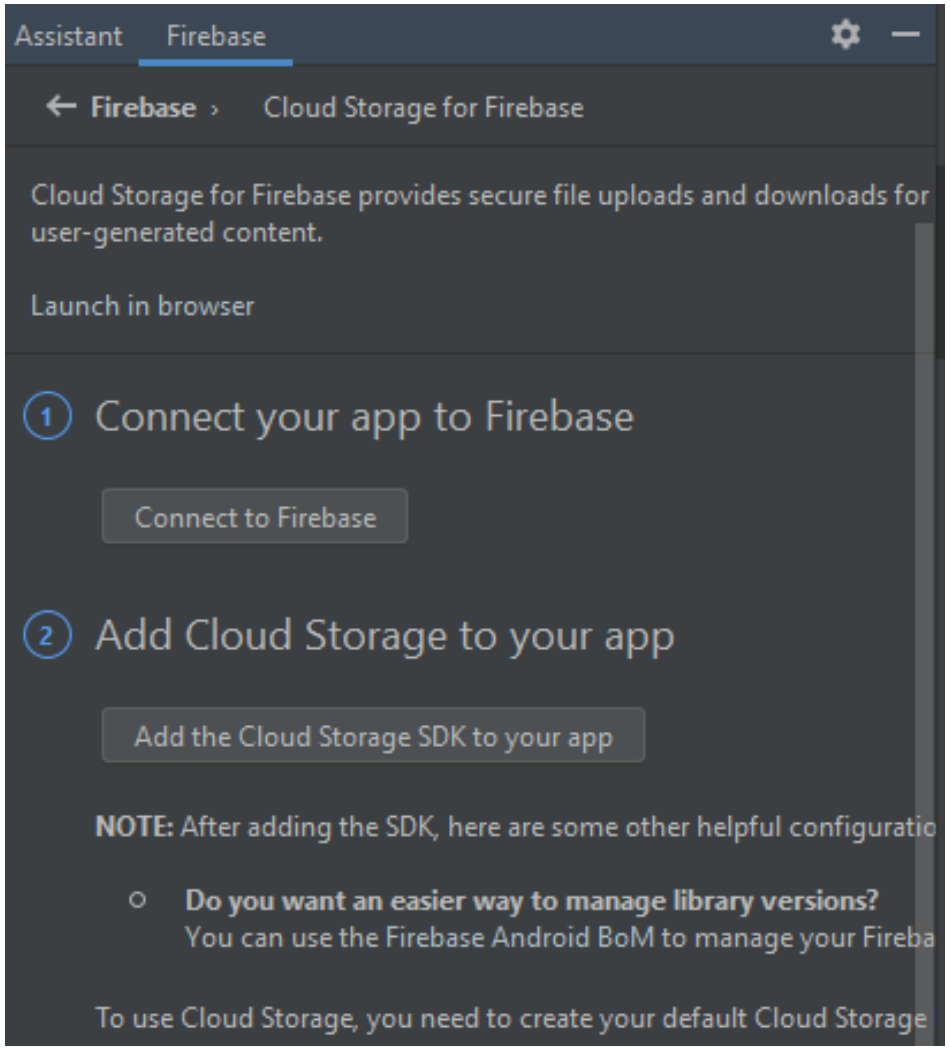


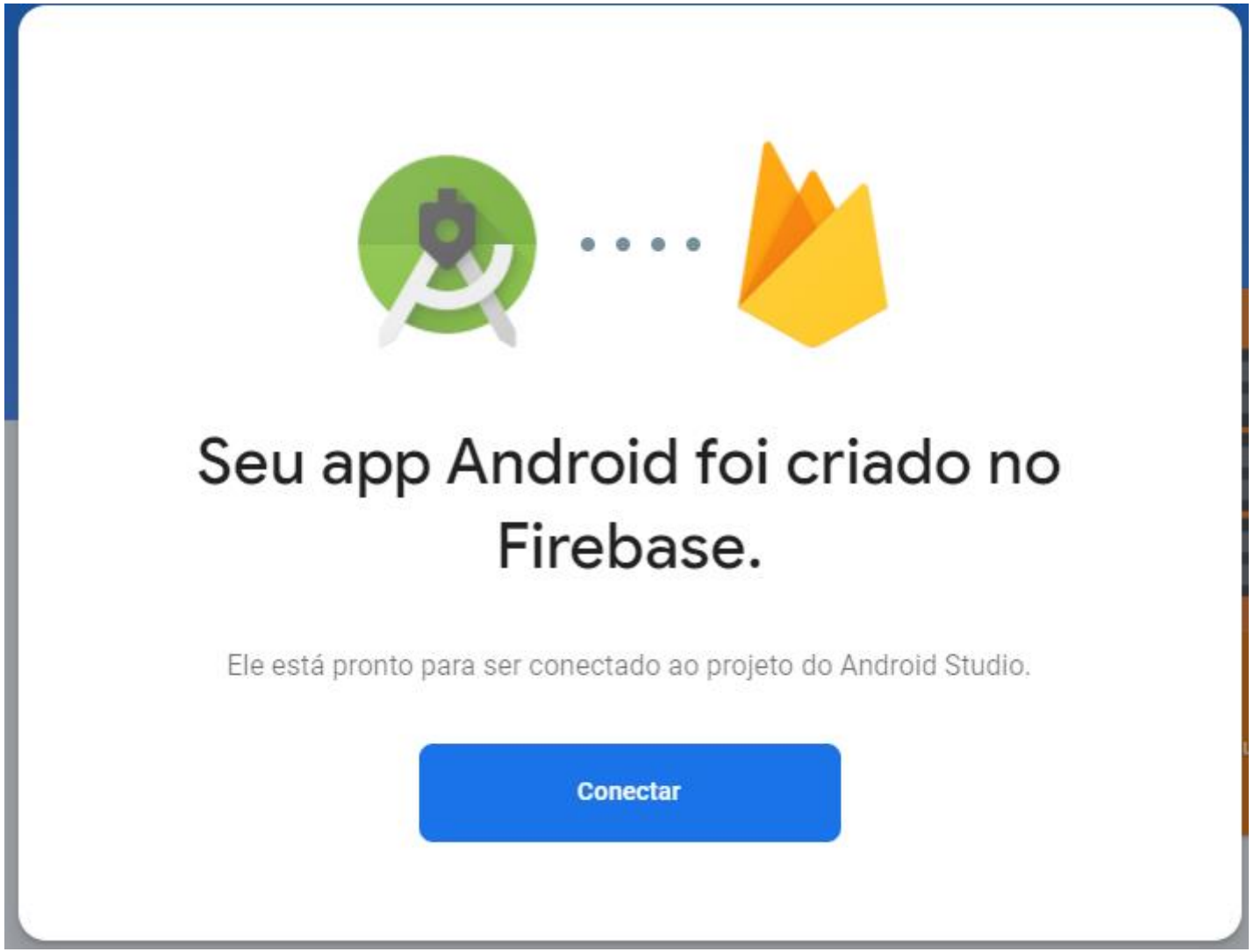
Click em get Started with cloud storage



Conecte

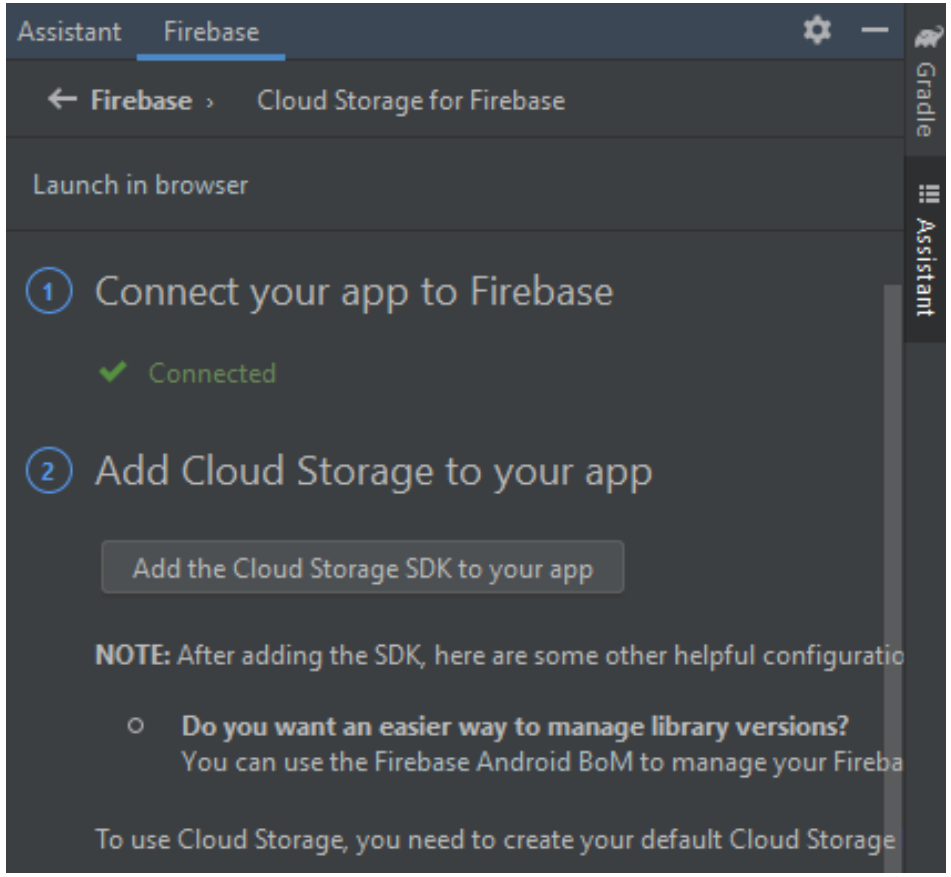
- Conecte seu projeto kotlin a um projeto no fireabase




Seu app Android foi criado no Firebase.
Ele está pronto para ser conectado ao projeto do Android Studio.
Conectar

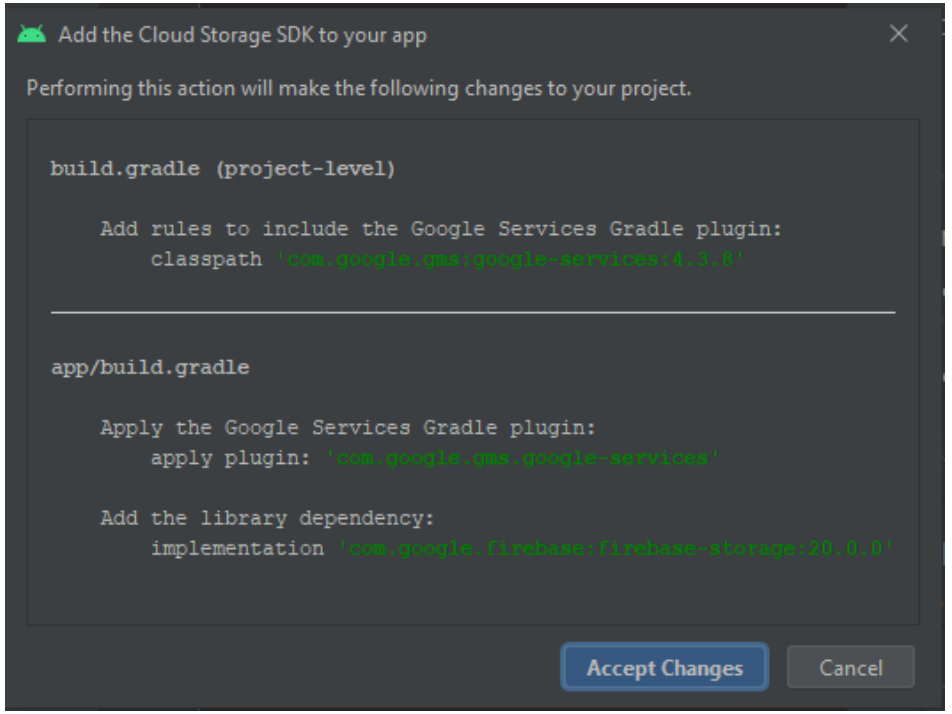
Configure o sdk

- Selecione a opção “add the cloud storage sdk to your app”

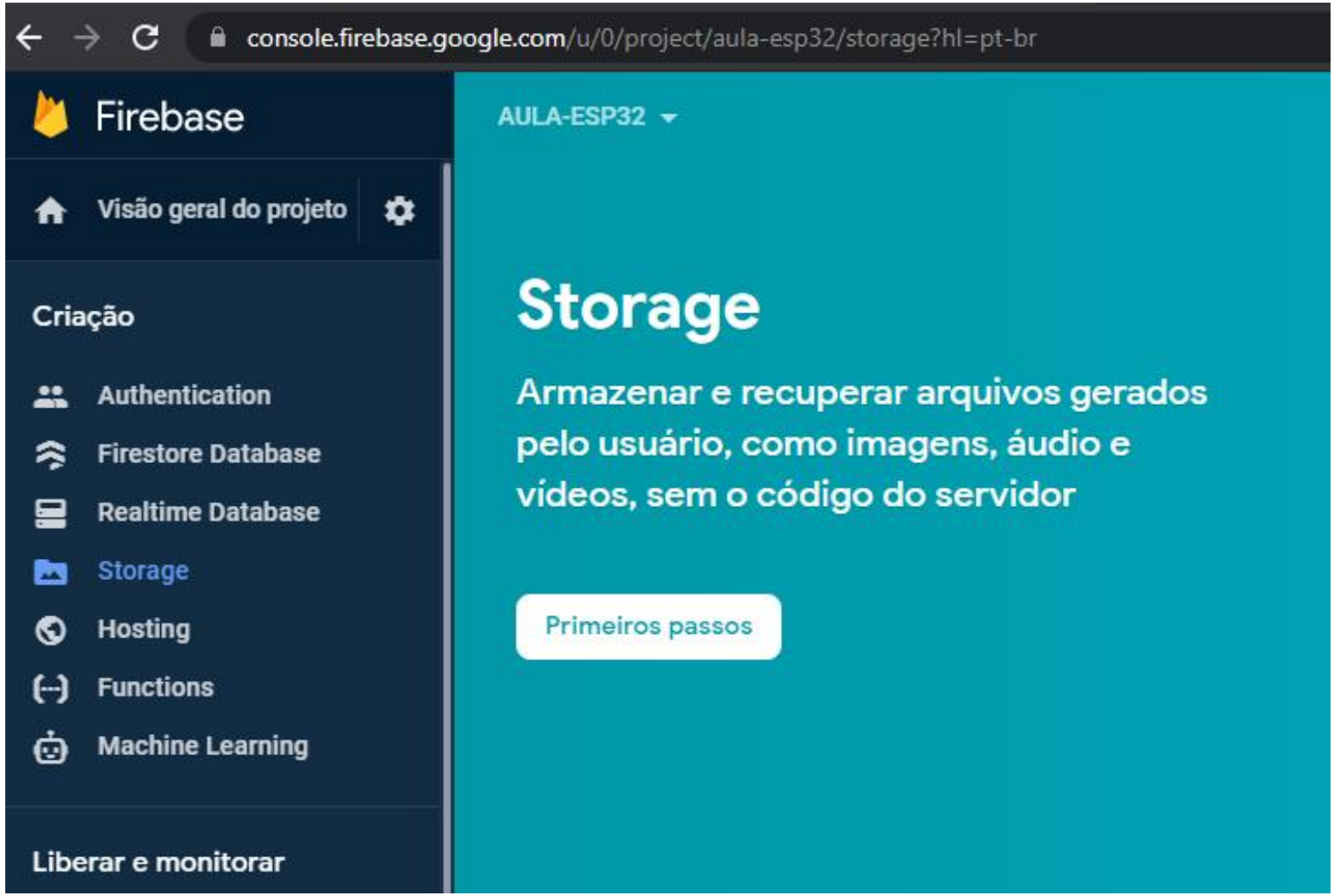


Aceite as mudanças

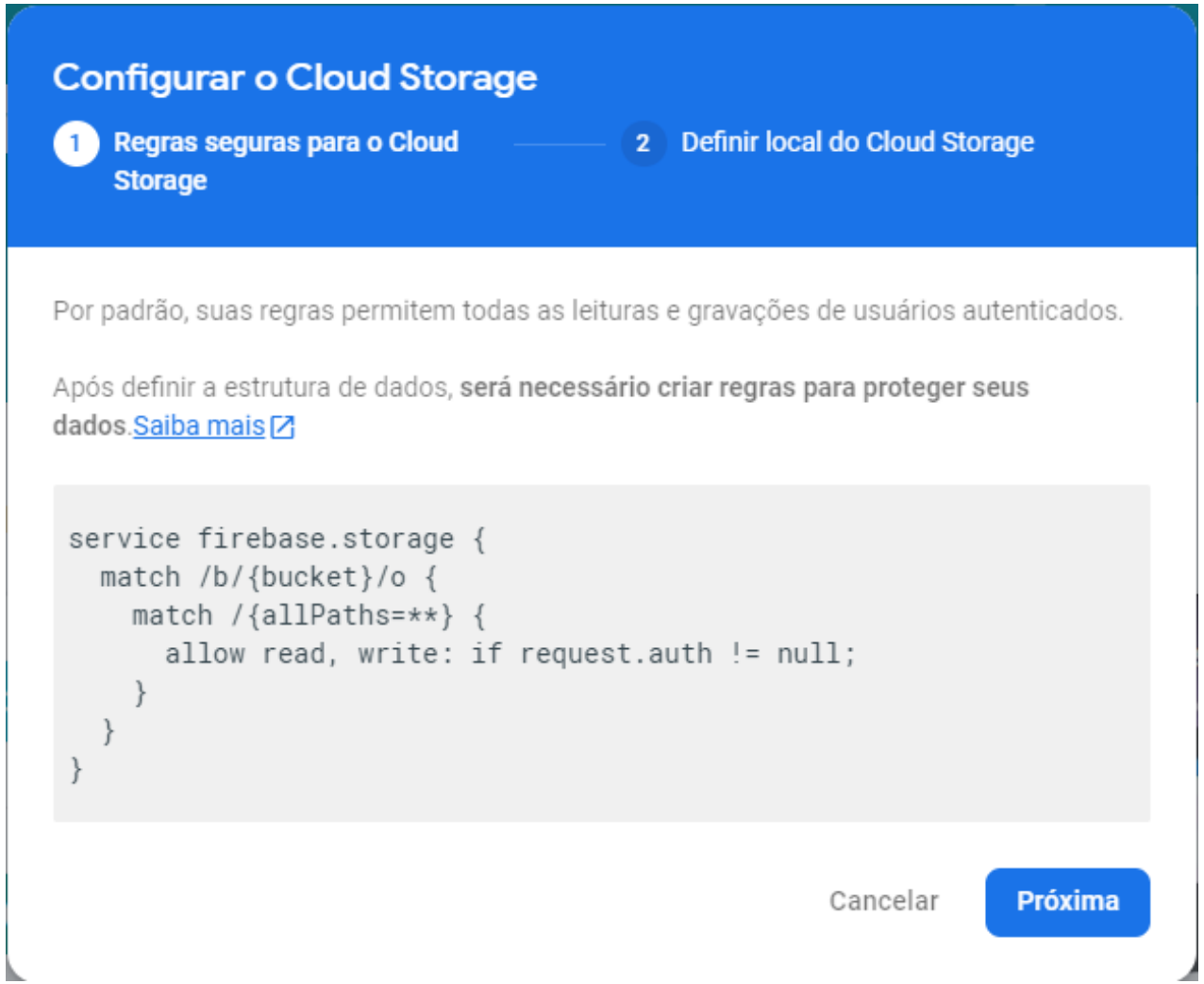
- Espere que o projeto seja configurado



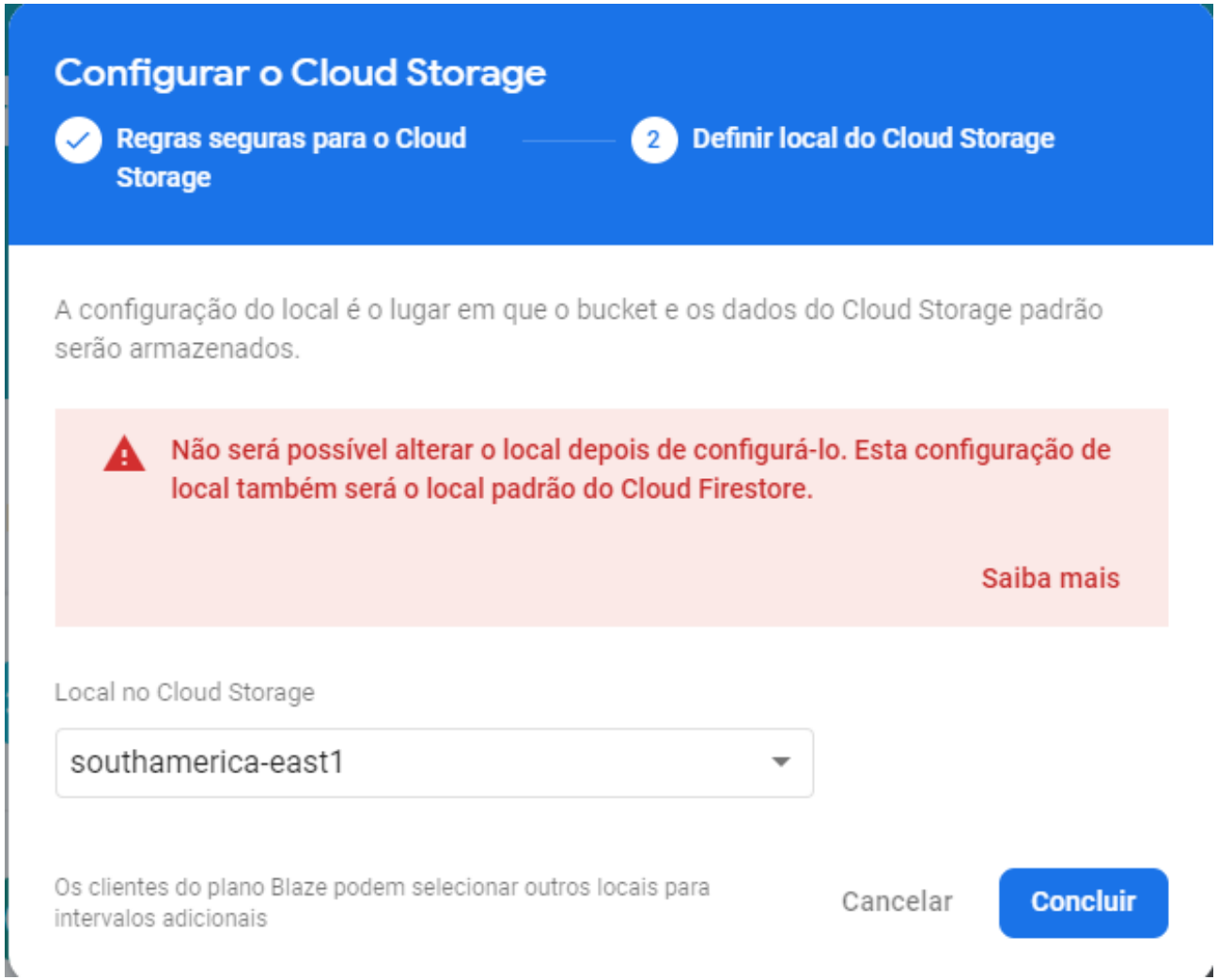
Ative storage no firebase



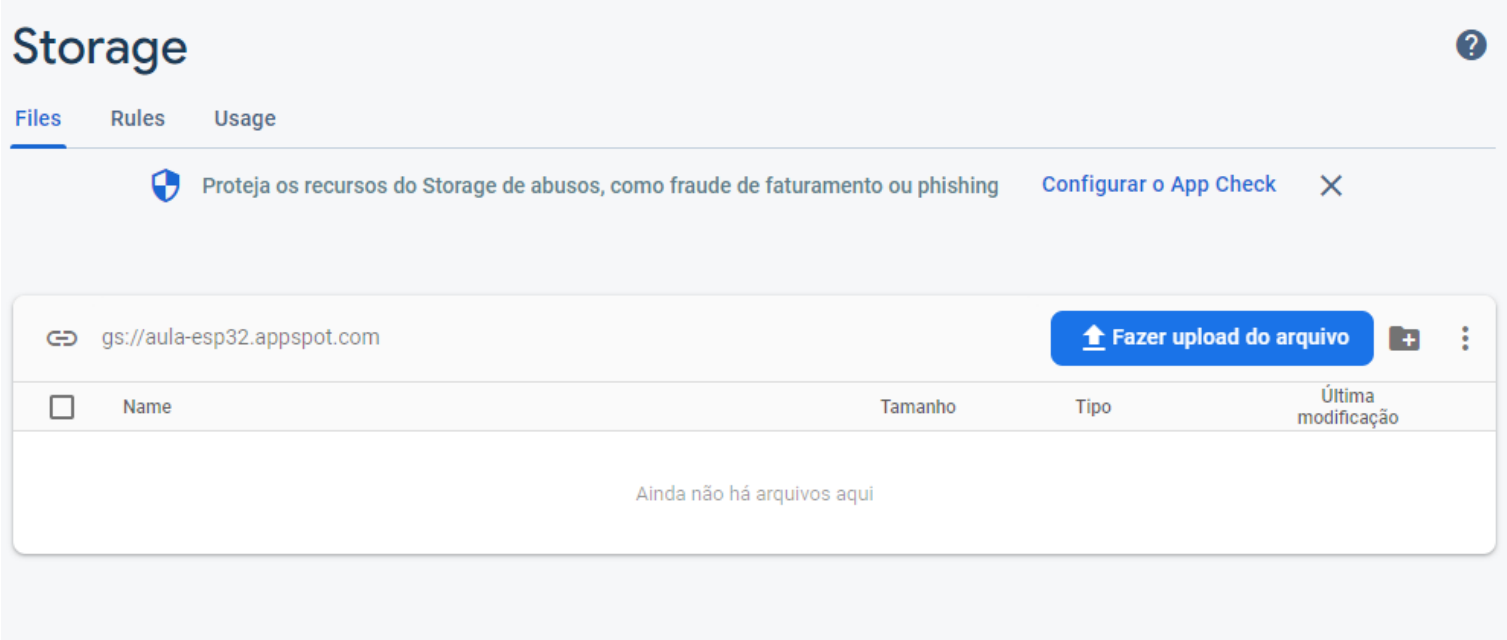
Configurações de acesso



Local do servidor



Arquivos online



Regras de acesso

Modifique para testar

Atributos

```
class MainActivity : AppCompatActivity() {
    private val PICK_IMAGE_REQUEST = 22
    private var filePath: Uri? = null
```

OnCreate

```
override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_main)

    var btnSelect: Button = this.findViewById(R.id.btnEscolher)
    var btnUpload: Button  = findViewById(R.id.BtnEnviar)
    var img: ImageView =  findViewById(R.id.imgView)
    var storageReference = FirebaseStorage.getInstance().getReference()
    btnSelect.setOnClickListener(){
        selecionar()
    }
    btnUpload.setOnClickListener(){
        enviarImagem()
    }
```

selecionar

```
private fun selecionar() {
    val intent = Intent()
    intent.type = "image/*"
    intent.action = Intent.ACTION_GET_CONTENT
    startActivityForResult(Intent.createChooser(intent,"Selecione"),PICK_IMAGE_REQUEST)
}
```

onActivityResult

```
override fun onActivityResult(requestCode: Int,resultCode: Int,data: Intent?) {
    super.onActivityResult(
        requestCode,
        resultCode,
        data
    )
    if (requestCode == PICK_IMAGE_REQUEST && resultCode == Activity.RESULT_OK && data != null && data.data != null) {
        filePath = data.data
        try {
            val bitmap = MediaStore.Images.Media.getBitmap(contentResolver,filePath)
            var img: ImageView =  findViewById(R.id.imgView)
            img.setImageBitmap(bitmap)
        } catch (e: IOException) {
            e.printStackTrace()
        }
    }
}
```

enviarImagem

```
private fun enviarImagem() {
    if (filePath != null) {
        val progressDialog = ProgressDialog(this)
        progressDialog.setTitle("Enviando...")
        progressDialog.show()
        val ref: StorageReference = FirebaseStorage.getInstance().getReference()
            .child(                    "images/" + UUID.randomUUID().toString())

        ref.putFile(filePath!!).addOnSuccessListener {
                progressDialog.dismiss()
                Toast.makeText(this@MainActivity,"Imagem enviada",Toast.LENGTH_SHORT).show()
            }
            .addOnFailureListener { e -> progressDialog.dismiss()
                Toast.makeText(this@MainActivity,"Erro ao enviar " + e.message,Toast.LENGTH_SHORT).show()
            }
            .addOnProgressListener { taskSnapshot ->
                val progress = (100.0 * taskSnapshot.bytesTransferred / taskSnapshot.totalByteCount)
                progressDialog.setMessage("Enviando "+ progress.toInt() + "%")
            }
    }
}
```