



Authorization in Federated GraphQL

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Federation and Authorization

Federated GraphQL

Hello, Touying!

Federated GraphQL

Hello, Touying!

Hello, Typst!

Why Authorize in the Gateway

- First point of contact to the outside world

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- Whole schema view

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- Whole request context

Why Authorize in the Gateway

- First point of contact to the outside world
- Whole schema view
- Whole request context
- Entity resolvers make things tricky

```
1 directive @authenticated on
2     FIELD_DEFINITION
3     | OBJECT
4     | INTERFACE
5     | SCALAR
6     | ENUM
```



```
1 directive @requiresScopes(scopes: [[federation__Scope!]!]) on
2     FIELD_DEFINITION
3     | OBJECT
4     | INTERFACE
5     | SCALAR
6     | ENUM
```



```
1 directive @policy(policies: [[federation__Policy!]!]) on
2     FIELD_DEFINITION
3     | OBJECT
4     | INTERFACE
5     | SCALAR
6     | ENUM
```



Limitations

Extensions as the next steps

Why integration with the query planner matters

ABAC and ReBAC

Conclusion

Workshop tomorrow in ...

Links