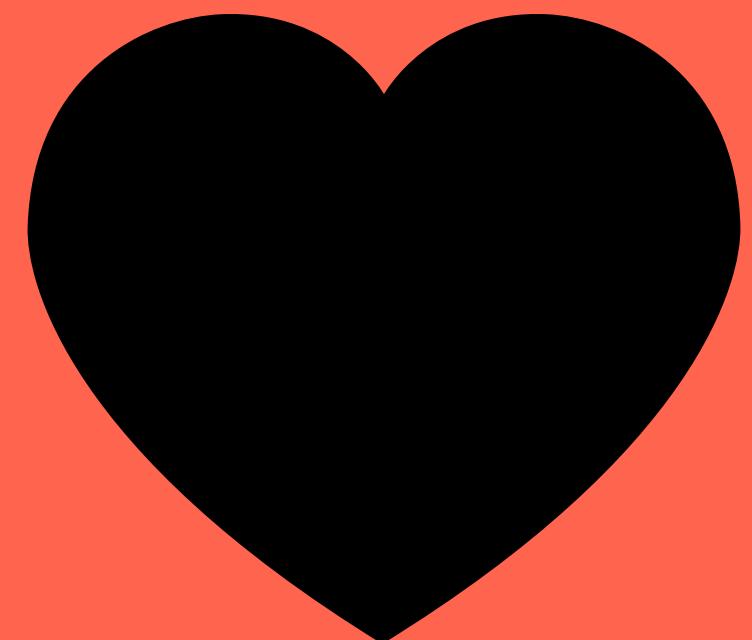


Nextcloud & OC-10



ScienceMesh



KEEPIN'
IT
STREET!

Focusruimte
4.12

IN THEORY,
THEORY AND PRACTICE
ARE THE SAME
IN PRACTICE
THEY'RE NOT

HAPPY PATH

VERSUS

ERROR CHECKING

HAVING
SAID
THAT ...

ADVANTAGES OF SCIENCE MESH

ADVANTAGE #1

TRUST-BASED

FEDERATION

WITH OCM INVITES



CS3

COMMUNITY

OF TRUST

OPAQUE BUT
DISCOVERABLE
USERNAMES

“INTERNATIONAL”

EFSS

MESH

ADVANTAGE #2

OPEN FILE

WITH APP

VIA REVA

INTER OPERABILITY PLATFORM

EFSS

PLUS

REVA



EFSS

PLUS

REVA

EFSS

APPS

PLUS

PLUS

REVA

ADVANTAGE #3

INTERCONNECT

STORAGE

INFRASTRUCTURES

DATA TRANSFER

CONNECT

AND SHARE

COMMUNITY
OF TRUSTED
INFRASTRUCTURE



NOW. . .

ARE WE

LIVE

YET?



sciencemesh.io



Science
Mesh

Using ScienceMesh

Features

Tech





Documentation
Overview
Architecture and Implementation
How to join Science Mesh
Technical Documentation
IOP
Deployment
Configuration
IOP Integrations with NC and OC10
Optional IOP Integrations
Accounting Metrics
Central Database
How to Deploy EFSS
Monitoring and Accounting
Governance and Operations
Support
Science Mesh Operators
Documentation Contribution Guidelines
Obsolete

Documentation / Technical Documentation / IOP / IOP Integrations with NC and OC10

IOP/Reva integrations with Nextcloud and ownCloud10

Inter-Operability Platform/Reva Integrations with Nextcloud and ownCloud10

List of known issues to be aware of including **blessed versions** of components

(last updated 24 February 2023):

Due to breaking changes in the OCM invites protocol, we now have a network split. You need to decide whether you want your site to be part of "Network Alpha" or of "Network Beta".

For Network Alpha

- Due to [this issue](#) you should use [this blessed version of Reva](#)
- Due to [this issue](#) you should use the `main` branch of <https://github.com/pondersource/oc-sciencemesh>
- Due to [this issue](#) you should use the `main` branch of <https://github.com/pondersource/nc-sciencemesh>
- [Problems with verify_request_hostname](#)

For Network Beta (not recommended yet!)

- Due to [this issue](#) you should use [this blessed version of Reva](#)
- Due to [this issue](#) you should use the `sciencemesh` branch of <https://github.com/pondersource/oc-sciencemesh> instead of the app from the marketplace
- Due to [this issue](#) you should use the `sciencemesh` branch of <https://github.com/pondersource/nc-sciencemesh> instead of the app from the marketplace

SECURITY

REVIEW

PEN TESTING

BETTER ERROR TRACING

EARLY
ADOPTER
FEEDBACK

USER BACKEND

SWITCH IT ON!

STORAGE BACKEND





WWU
MÜNSTER



SWITCH





← → ⌂ ⌂ github.com/owncloud/core/pull/40667

Search or jump to... / Pull requests Issues Codespaces Mark

owncloud / core Public

Code Issues 341 Pull requests 60 Actions Projects

Ocm via scicemesh for 10.12 #40667

Merged phil-davis merged 6 commits into [release-10.12.0](#) from [ocm-via-scicemesh-10.12.0](#)

→ ⌂ ⌂ github.com/nextcloud/server/pull/36228

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nextcloud / server Public

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Code Issues 1.9k Pull requests 401 Actions Projects 2

Share type scicemesh #36228

Open michielbdejong wants to merge 1 commit into [nextcloud:master](#) from [pondersource:scicemesh-share-type](#) Jan 18





**MOVING TO
PRODUCTION
TOGETHER**



THANK
YOU!

PONDER
SOURCE