

# [matrix]

## Community Moderation in Matrix

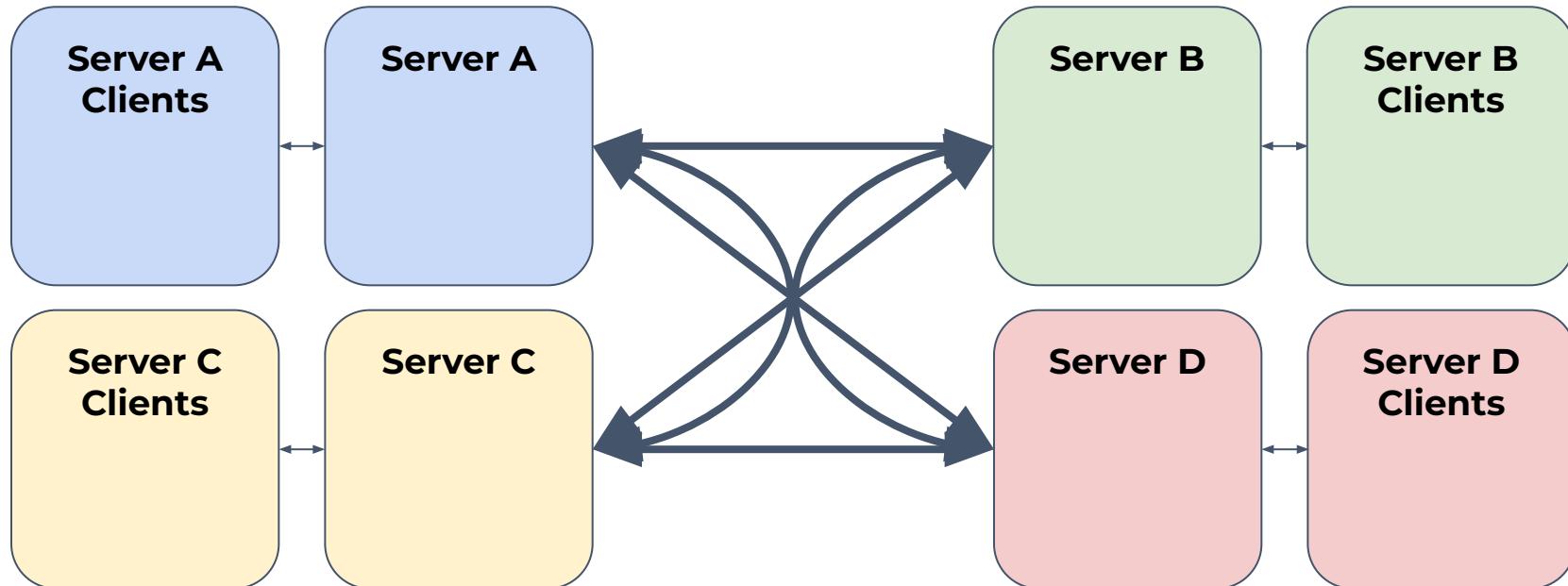
### FOSDEM 2026

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# What is Matrix? (T&S Edition)

[matrix]

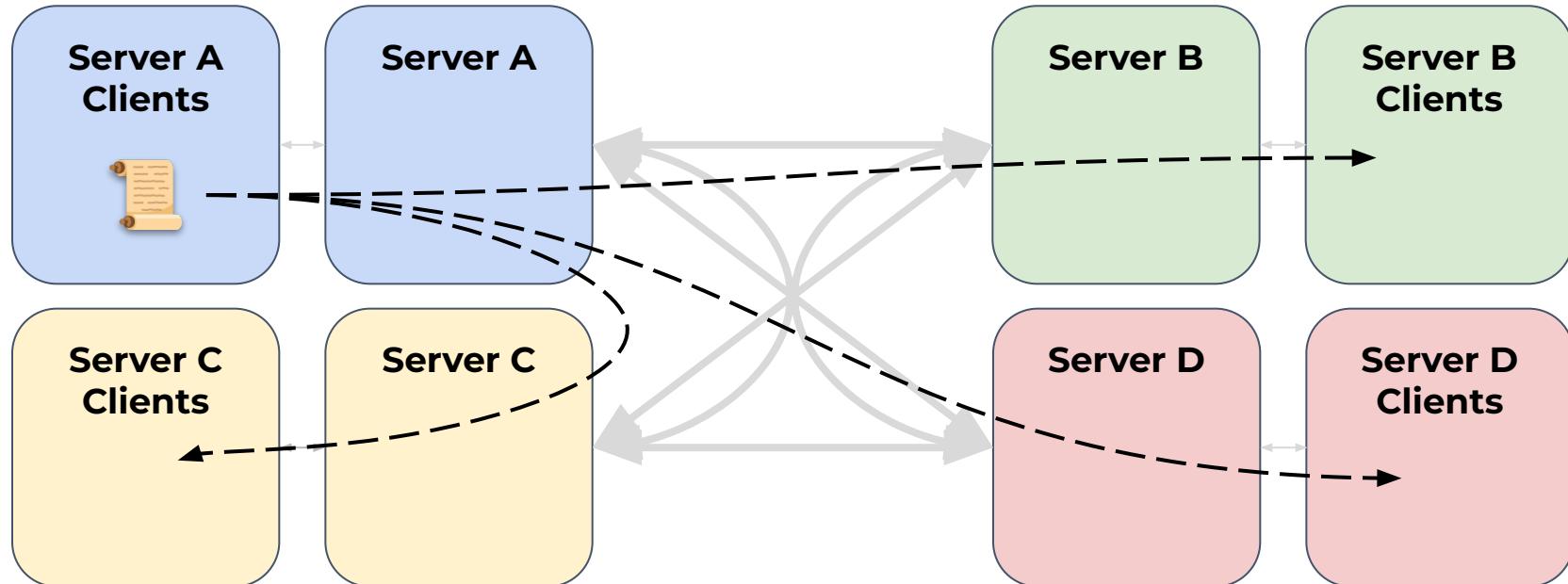
- Events (“messages”) transit rooms
- Full mesh distribution of events between servers
- Clients and users reside on servers



# What is Matrix? (T&S Edition)

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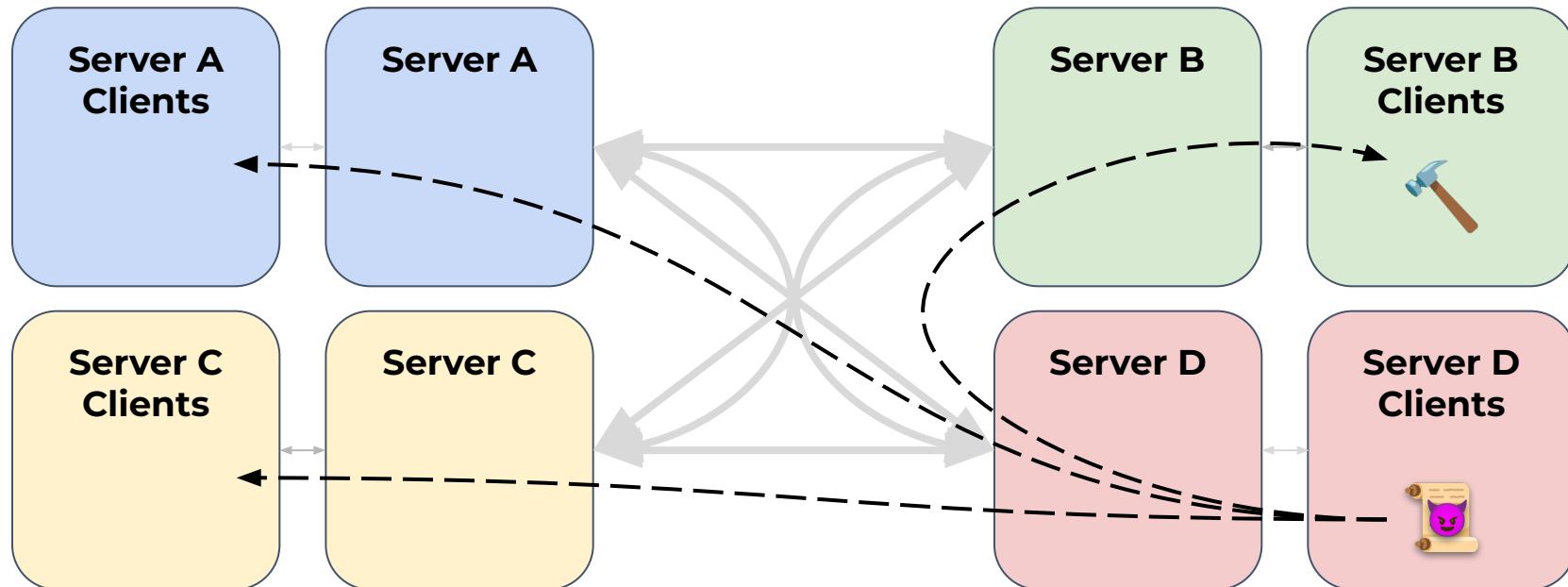
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# Moderation Bots



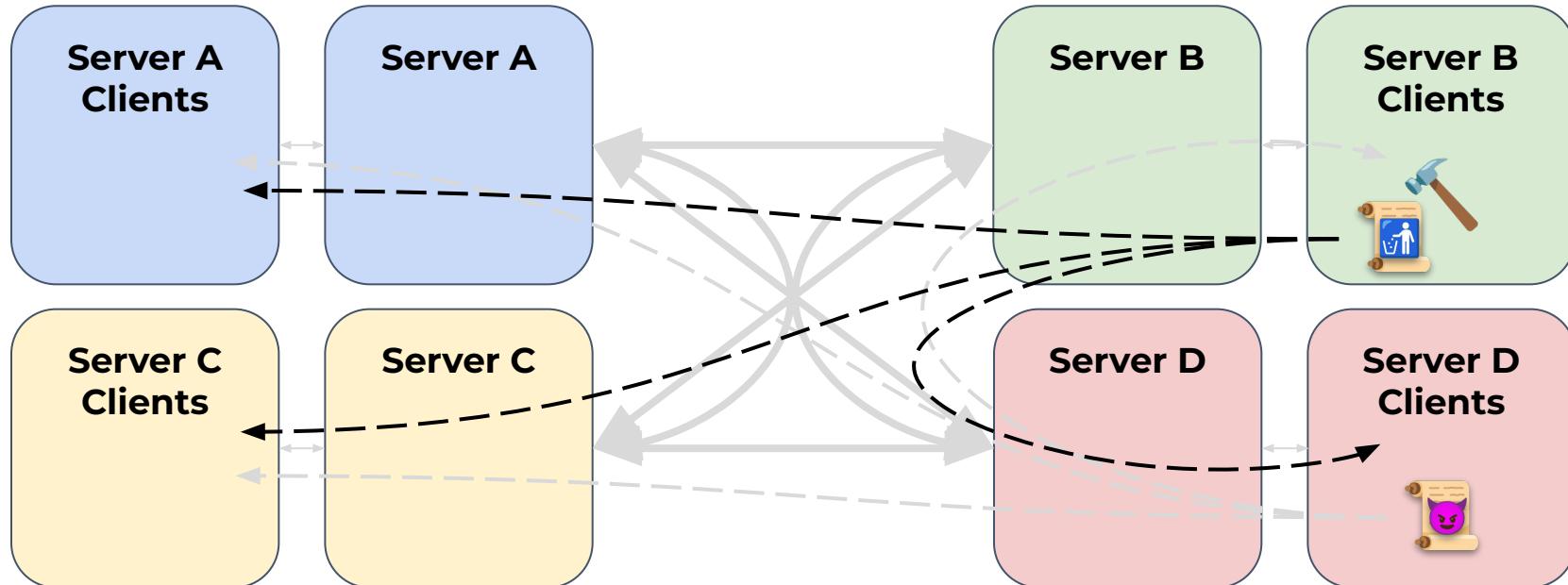
- Reactive tooling to remove events
- Can usually be set up pretty quickly (see <https://asgard.chat>)
- Examples: [Draupnir](#), [Meowlnir](#), [Mjolnir](#)



# Moderation Bots



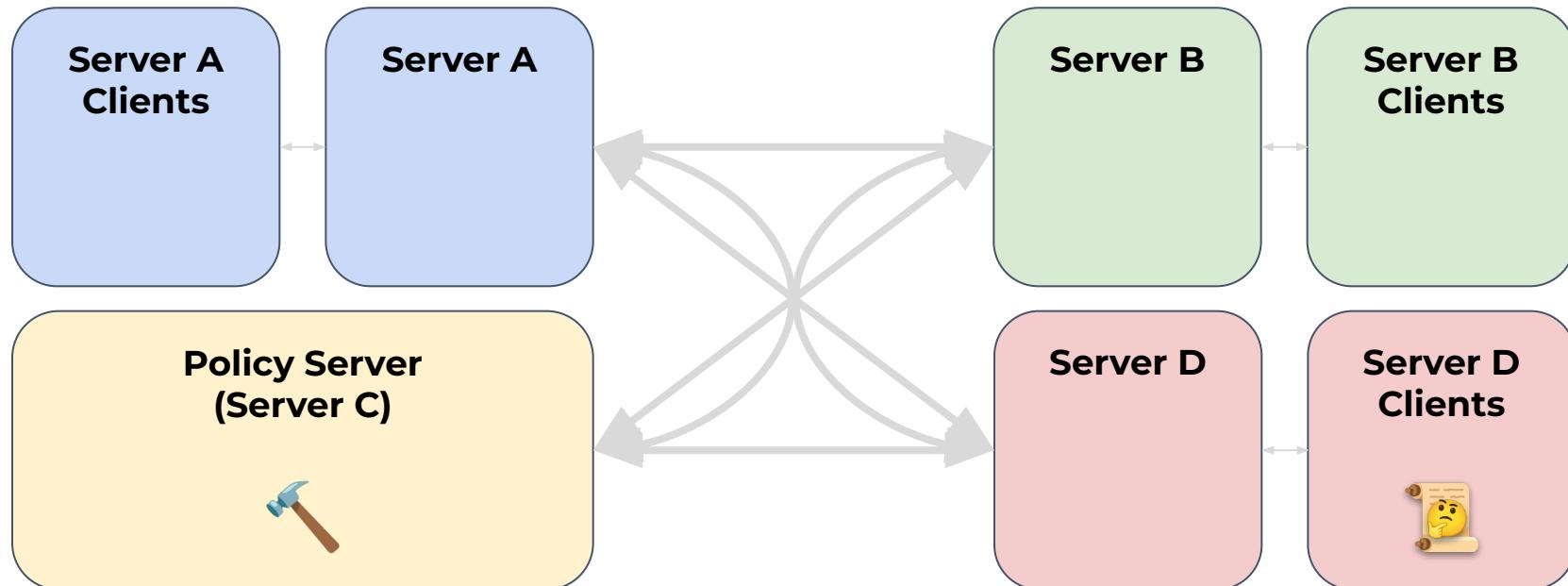
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# Policy Servers ([MSC4284](#))

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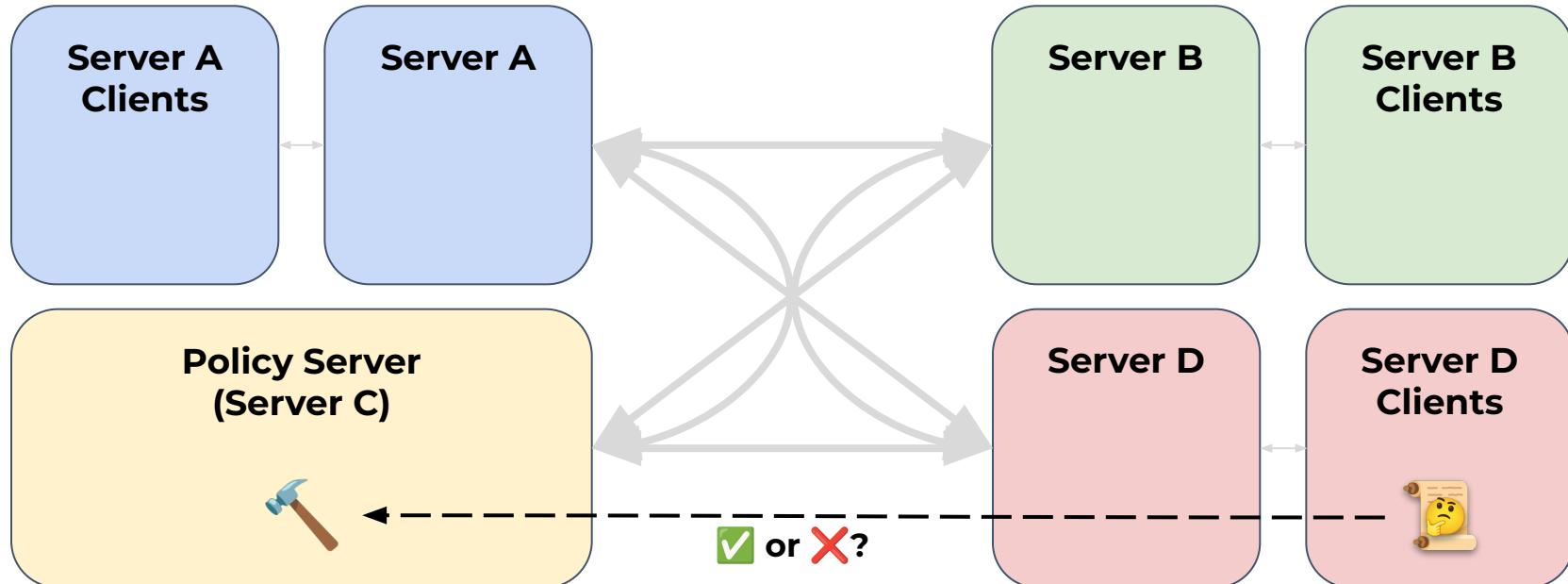
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- Can be self-hosted or use shared infrastructure
- [policyserv](#) is the Foundation's implementation



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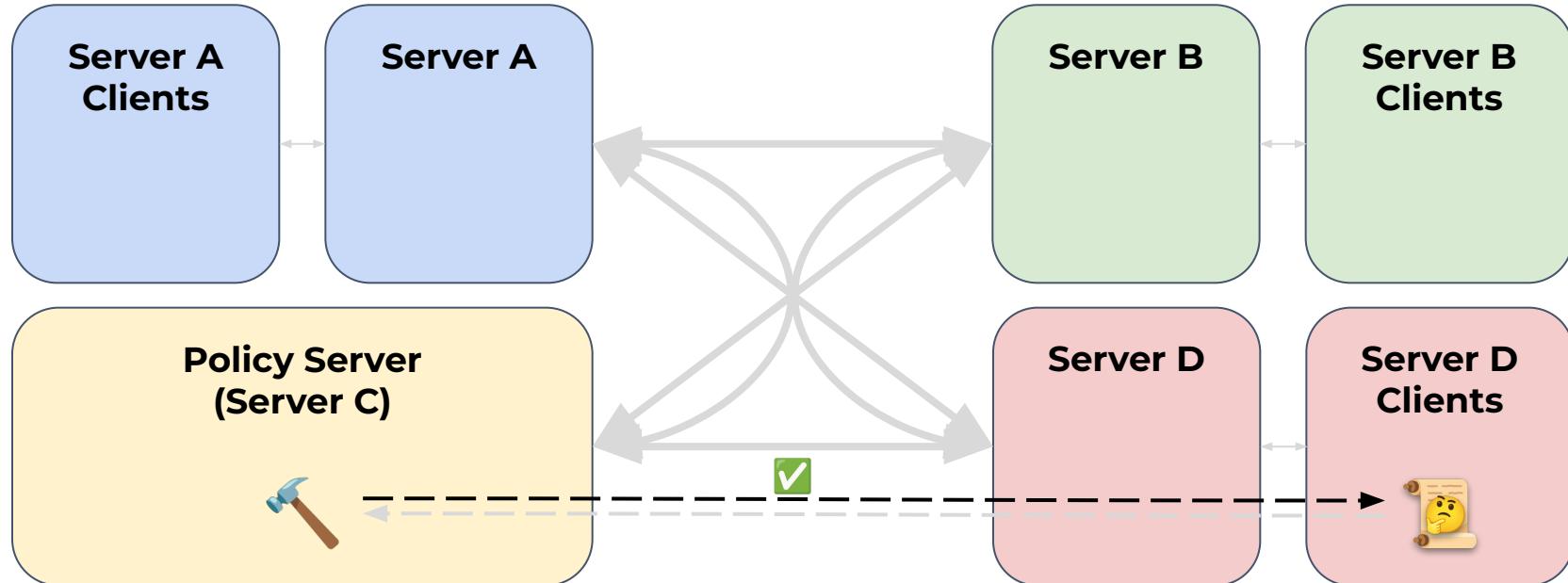
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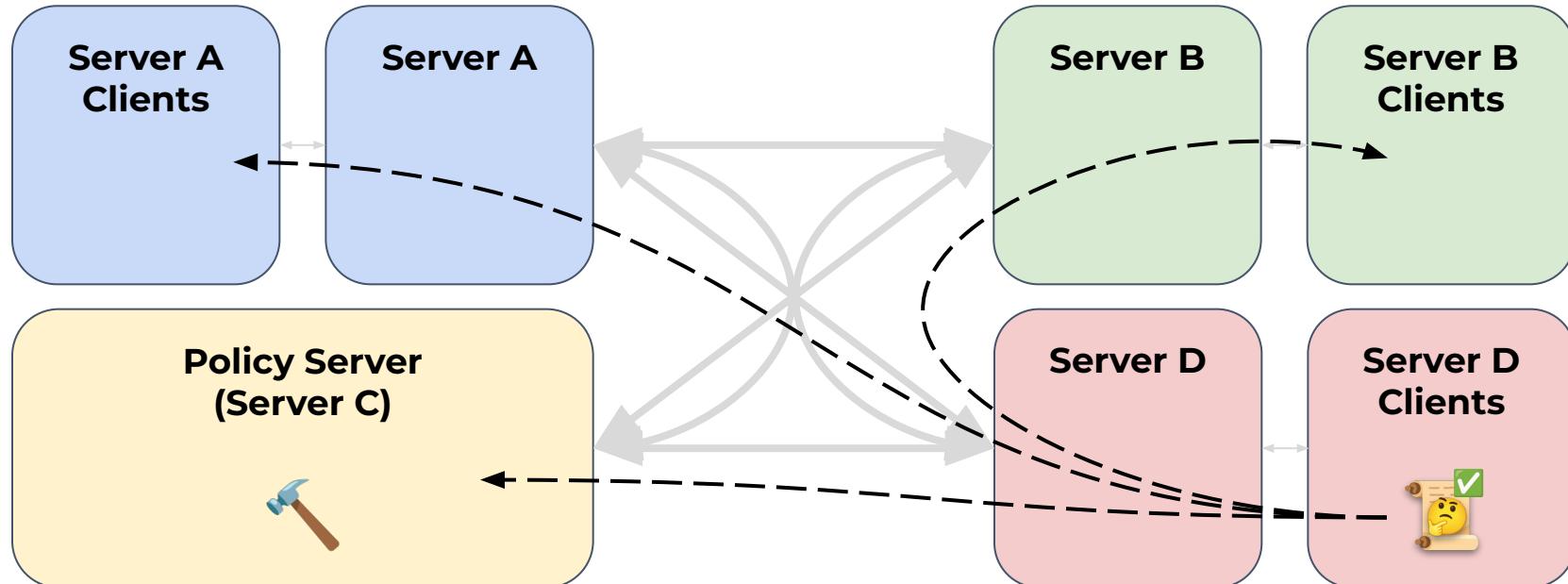
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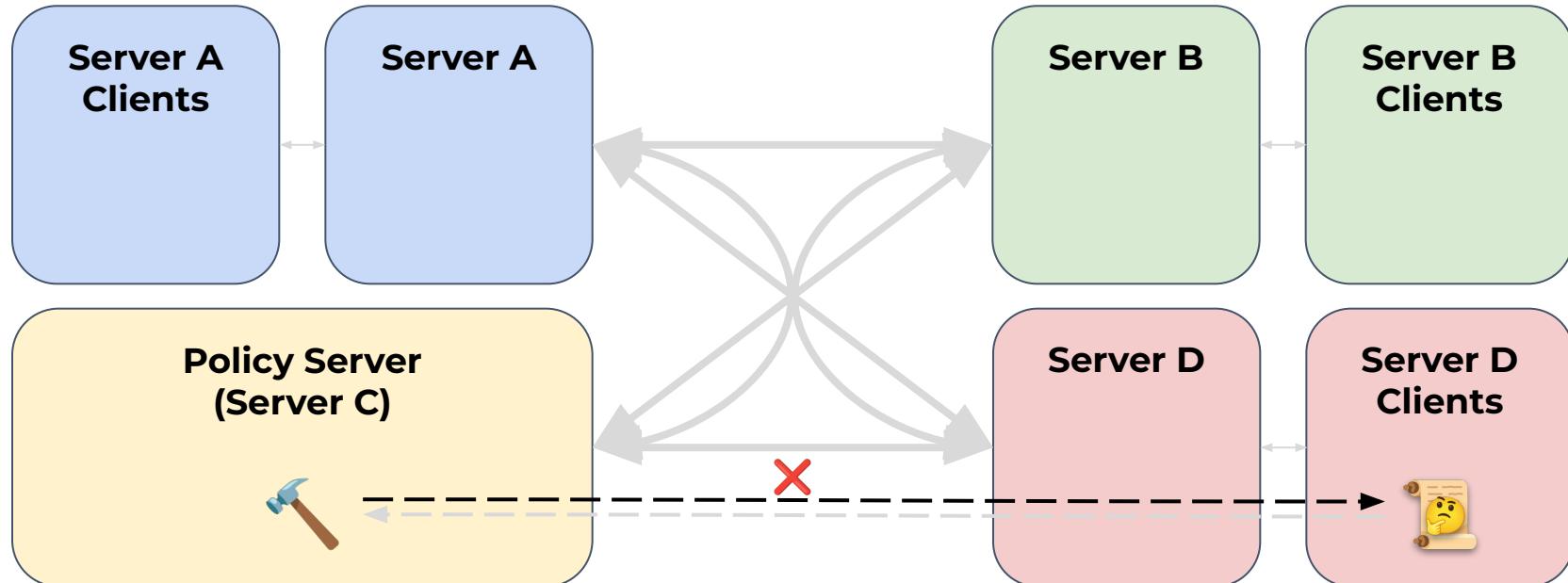
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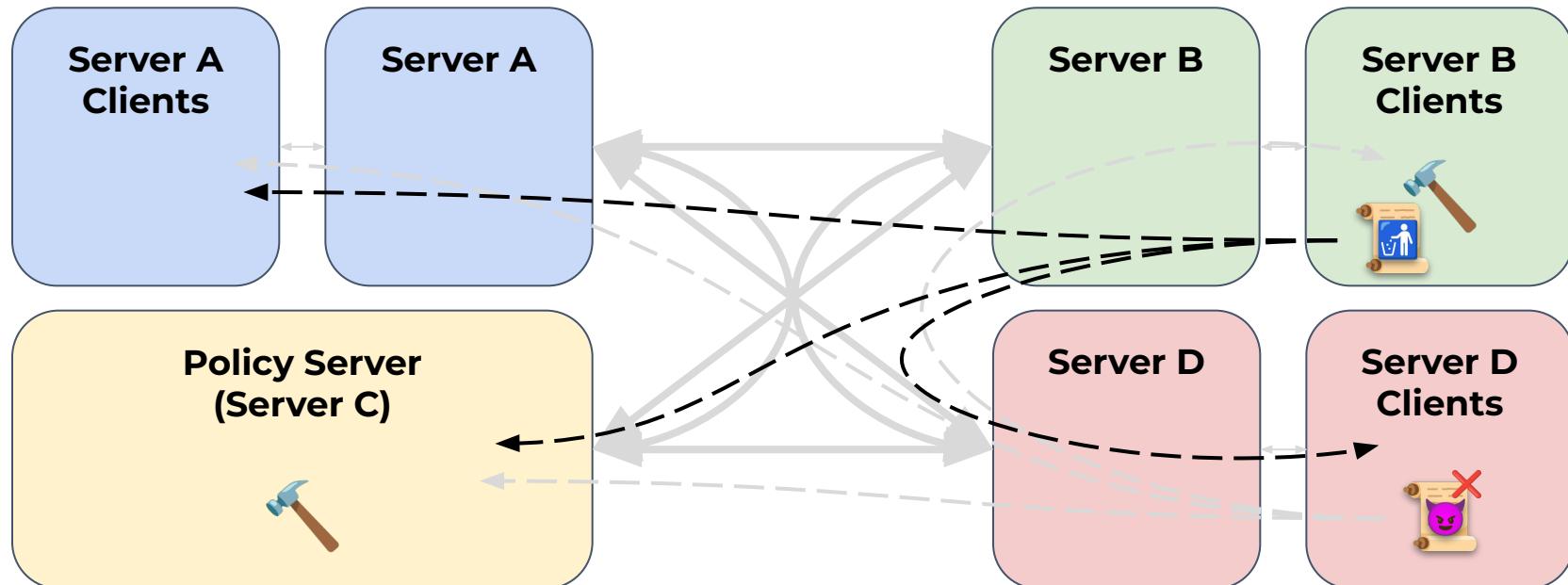
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- Proactive safety tooling
- Can be self-hosted or use shared infrastructure
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# Layering tools

- Use multiple tools for full coverage
- Spread them out on many servers
- Both the most and least restrictive configs will win



# Types of communities



## Public

Few access restrictions

Untrusted users

Example:  
Matrix HQ

## Near Public

Must ask to access

Some untrusted users

Example:  
matrix.org  
room dir

## Near Private

Invite required

Some untrusted users

Example:  
FOSDEM  
Backstage

## Private

Invite required

Trusted users

Example:  
Gov. Board  
Forum

# Examples of community tooling



## Public

Few access restrictions

Untrusted users

Example:  
Matrix HQ

For rooms:

- Moderation bots
- Policy servers
- Server ACLs
- Code of Conduct / Community Guidelines
- Bans / redactions / silences

For servers:

- Search redirection
- Hasher-Matcher-Actioner ([HMA](#), from Meta) / [hma-matrix](#)
- Terms of Service / Community Guidelines
- User, event, and room reporting
- ROOST tooling: Coop (investigations) & [Osprey](#) (rules)

# Examples of community tooling

## Near Public

Must ask to access

Some untrusted users

Example:  
matrix.org  
room dir

For rooms:

- Join gates / rules
- Power levels
- Topics / pinned events
- Invite links (when available)
- + everything from public

For servers:

- Rate limits
- [HTTP antispam](#) webhooks
- Open governance working groups
- + everything from public

# Examples of community tooling

## Near Private

Invite required

Some untrusted users

Example:  
FOSDEM  
Backstage

For rooms:

- Encryption
- Moderation bots
- Power levels
- Join gates

For servers:

- Registration tokens / invite links
- Registration requirements (email domain allow lists)
- Coop/Osprey

# Examples of community tooling

[matrix]

## Private

Invite required

Trusted users

Example:  
Gov. Board  
Forum

For rooms:

- Encryption
- Moderation bots
- Power levels

For servers:

- Registration tokens / invite links
- Registration requirements (email domain allow lists)
- Element Server Suite ([ESS](#)) Pro

# Demo

# Next up for Foundation T&S



- Finish the FCP process on [MSC4284](#) (policy servers)
- In a later room version, make signatures required when a policy server is enabled in the room
- Explore new open source tooling
  - Coop / [Osprey](#) from [ROOST](#)
  - Hasher-Matcher-Actioner ([HMA](#)) / [hma-matrix](#)
  - [gpt-oss-safeguard](#)
- Support server-centric communities in pollicyserv
  - Search redirection
  - Join gates
- Turn media back on in our public rooms

# How to set up a pollicyserv

1. Invite @pollicyserv:matrix.org to a DM/encrypted **private** room
2. Say **!ps community My Community Name Here**
3. Say **!ps apply #room:example.org**
4. Give the bot “Moderator” (or “Admin”) in #room:example.org
5. Wait for our team to approve the request
6. Enjoy pollicyserv (see **!ps help** for ideas)

**Questions and support are best in #pollicyserv:matrix.org (including how to host your own).**

# Thanks

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