

# Setting up Hookshot without E2EE support in encrypted rooms

If your Hookshot instance does not have [E2EE support](#) enabled but you still want to add it to an encrypted room, you can do this with a couple of caveats:

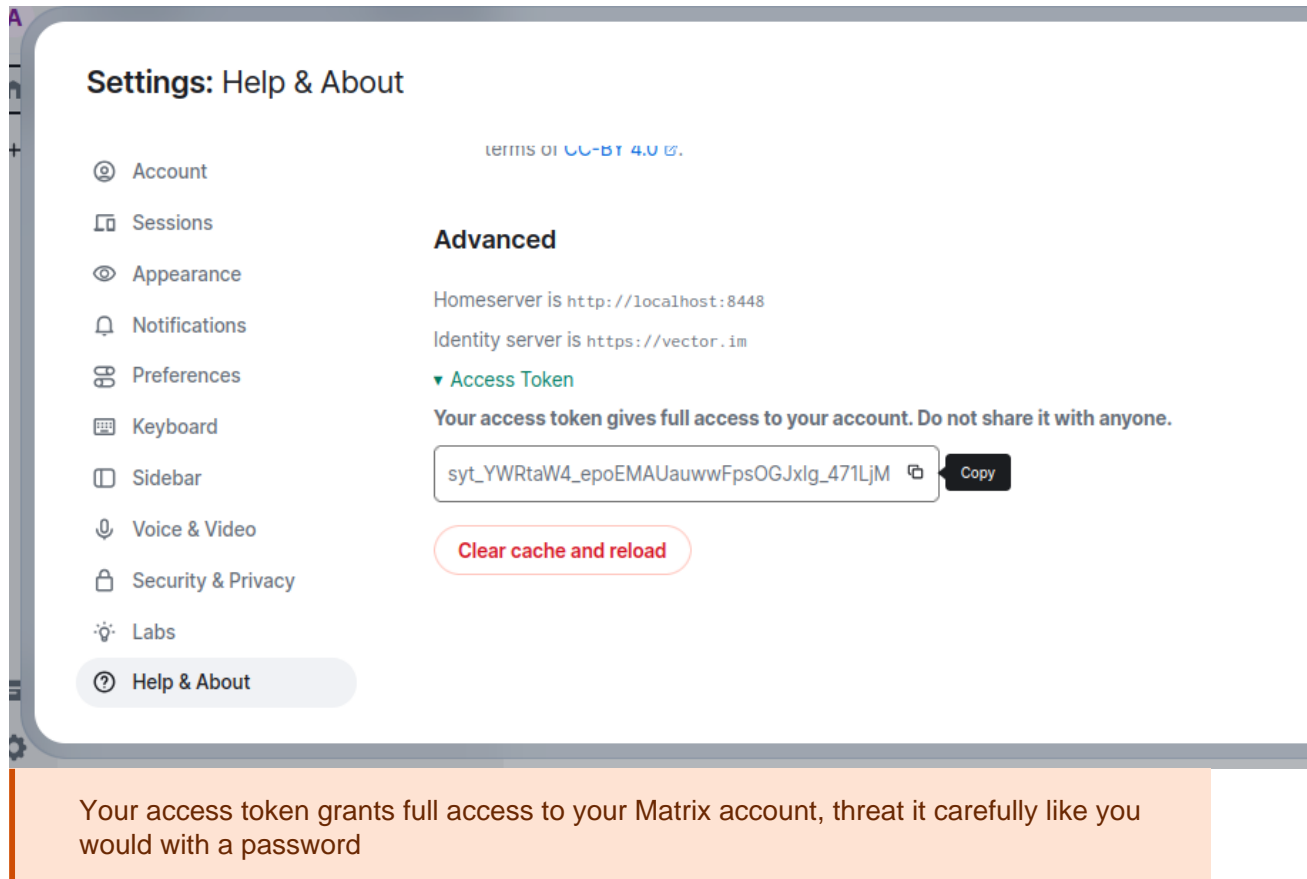
- You cannot send commands to Hookshot in the room as Hookshot cannot read any messages in the room

The screenshot shows a chat interface with a header "Today" and a dropdown arrow. A message at 11:08 from user 'A' contains a JSON object: {"type": "m.room.create"}. Below it, a system message at 11:08 states "Encryption enabled" and explains that messages are end-to-end encrypted and can be verified via profile pictures. A profile picture for user 'A' is shown. The main heading is "An encrypted room", followed by the text "You created this room. This is the start of **An encrypted room**. Add a topic to help people know what it is about." Below this is a black button with a plus icon and the text "Invite to this room". A list of events follows: "admin created and configured the room.", "admin invited Hookshot", "Hookshot joined the room", and "admin changed the power level of Hookshot from Default to Moderator." Below these is a message from user 'admin' at 11:22: "!hookshot help". At the bottom, there is a text input field "Send an encrypted message..." and a row of icons: a smiley face, a paperclip, and a three-dot menu. On the right side, there are "expand" and "H" icons, and a dropdown arrow.

- Any messages sent by Hookshot will be unencrypted

To set this up:

- Invite your Hookshot bot to the room, this works the same as with unencrypted rooms. The bot follows the same [permissions](#) in encrypted vs. unencrypted rooms and will join when invited.
- Promote the Hookshot bot to the required room permissions. By default, Moderator.
- If your Hookshot is configured to automatically [add the widget on invite](#), no further configuration is required.
- If not, you need to manually send the `setup-widget` command unencrypted. By design, it is impossible to send an unencrypted message into an encrypted room using Element. So to do it:
  - Grab your account access token from Element settings -> Help & About -> Advanced -> Access Token



- Grab the room ID for the room you wish to add Hookshot to by clicking the `(i)` Room Info button, then Settings in the right column

- o Under Advanced, copy the Internal room ID

**Room Settings - An encrypted room**

- General
- Security & Privacy
- Roles & Permissions
- Notifications
- Polls
- Advanced**

### Advanced

#### Room information

Internal room ID

`!QrmxBsBKPajykCohPz:localhost:8448` Copy

#### Room version

Room version: 10

- o Replace the leading `!` (exclamation mark) with `%21` (for example, `!QrmxBsBKPajykCohPz:localhost:8448` becomes `%21QrmxBsBKPajykCohPz:localhost:8448`)
- o Find the URL where your Matrix server is exposed. This may not be the same as the domain in your Matrix ID
- o Open a terminal on your computer. On Windows; PowerShell, on Mac; Terminal
- o Send the command below for your operating system. Replace `domain-where-your-matrix-server-is-exposed`, `room-id` and `access-token` with the values from earlier. Note, if you are sending more than one message using your terminal, you need to change `1234` to another value each time.
  - o Mac and Linux:

```
curl --request PUT \  
  --url 'https://domain-where-your-matrix-server-is-  
exposed/_matrix/client/r0/rooms/room-id/send/m.room.message/1234' \  
  --header 'Authorization: Bearer access-token' \  
  --header 'content-type: application/json' \  
  --data '{  
  "msgtype": "m.text",  
  "body": "!hookshot setup-widget"  
}'
```

For example:

```

curl --request PUT \
  --url
'https://localhost:8448/_matrix/client/r0/rooms/%21QrmxBsBKPajykCohPz:local
host:8448/send/m.room.message/1234' \
  --header 'Authorization: Bearer syt_YWRtaW4_epoEMAUauwwFps0GJxIg_471LjM'
\
  --header 'content-type: application/json' \
  --data '{
  "msgtype": "m.text",
  "body": "!hookshot setup-widget"
}'

```

o Windows:

```

$url = "https://domain-where-your-matrix-server-is-
exposed/_matrix/client/r0/rooms/room-id/send/m.room.message/1234"

$headers = @{
    "Authorization" = "Bearer access-token"
    "Content-Type" = "application/json"
}

$body = @{
    msgtype = "m.text"
    body = "!hookshot setup-widget"
} | ConvertTo-Json

Invoke-RestMethod -Uri $url -Method Put -Headers $headers -Body $body

```

For example:

```

$url =
'https://localhost:8448/_matrix/client/r0/rooms/%21QrmxBsBKPajykCohPz:local
host:8448/send/m.room.message/1234"

$headers = @{
    "Authorization" = "Bearer syt_YWRtaW4_epoEMAUauwwFps0GJxIg_471LjM"
    "Content-Type" = "application/json"
}

$body = @{

```

```
msgtype = "m.text"
body = "!hookshot setup-widget"
} | ConvertTo-Json
```

```
Invoke-RestMethod -Uri $url -Method Put -Headers $headers -Body $body
```

```
$ curl --request PUT \
--url 'http://localhost:8448/_matrix/client/r0/rooms/%21QrmxBsBKPajykCohPz:localhost:8448/send/m.room.message/1234' \
--header 'Authorization: Bearer syt_YWRtaW4_epoEMAUauwFps0GJxIg_471LjM' \
--header 'content-type: application/json' \
--data '{
  "msgtype": "m.text",
  "body": "!hookshot setup-widget"
}'
{"event_id": "$hCIfTHjx6aMg2QoTtHFpv9DZxU2rsNR5Eb5IF2CPMbw"}$
```

A
An encrypted room

📺
📞
ℹ️
☰

A
H
2

<
Extensions
✕

---

Today ▾

13:17

A

**Encryption enabled**

Messages in this room are end-to-end encrypted. When people join, you can verify them in their profile, just tap on their profile picture.

A

**An encrypted room**

You created this room. This is the start of **An encrypted room**. [Add a topic](#) to help people know what it is about.

+ Invite to this room

collapse

13:17

A

admin joined the room

13:17

A

admin made the room invite only.

13:17

A

admin made future room history visible to all room members.

13:17

A

admin has allowed guests to join the room.

13:17

A

admin changed the room name to An encrypted room.

13:17

A

admin invited hookshot

13:17

H

hookshot joined the room

13:17

A

admin changed the power level of hookshot from Default to Moderator.

A

**admin**

13:17

!hookshot help

13:19

A

!hookshot setup-widget

✓ 1

13:19

H

Hookshot Configuration widget added by hookshot

H

**hookshot**

13:19

A

Please open the Hookshot Configuration widget to set up integrations.

H

Send an encrypted message...

😊
📎
⋮

+ Add extensions

A

**Hookshot Configuration**


⋮
⌵

Set layout for everyone

My message was sent without encryption and Hookshot responded. You can now use Hookshot via the widget normally.

Note that all messages sent by Hookshot remain unencrypted. Element warns you with the red shield on the messages.

13:21  hookshot invited Sample webhook (Webhook) 

13:21  Sample webhook (Webhook) joined the room

 **Sample webhook (Webhook)**



13:21  Hello 

Not encrypted

 Send an encrypted message...



---

Revision #2

Created 2024-12-11 11:11:04 UTC by twilight

Updated 2024-12-11 13:30:51 UTC by twilight