

# Updating a Jitsi-only Deployment

## Preparing to upgrade

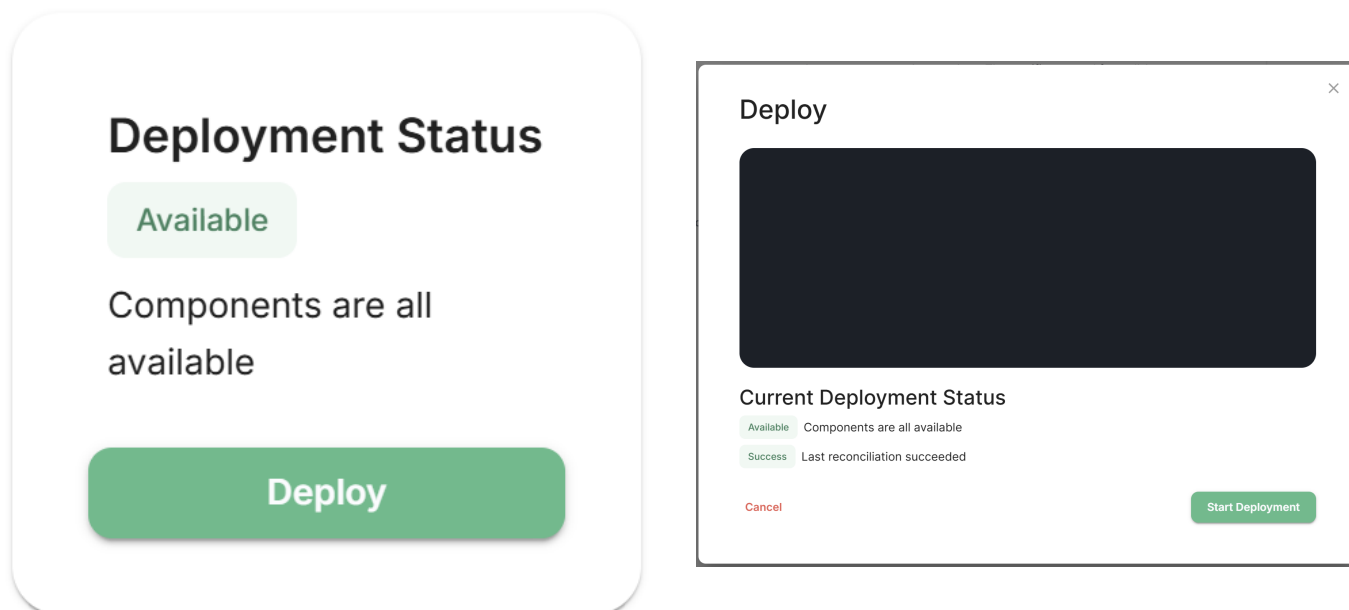
1. Download the `.bin` file and copy it onto the Jitsi ESS deployment `element` users' home directory (with the others)
2. Use `chmod +x ./element-installer-enterprise-edition-jitsi-cors-fix.bin` to make the binary executable
3. Make a backup of your `.element-enterprise-server/config` directory
4. Before running the installer, adjust the TLS configured under the `synapseAdmin:` section of the `.element-enterprise-server/config/deployment.yml` file is set to `existing`. It should look like:

```
synapseAdmin:
  config:
    hostOrigin: >-
      https://matrix-admin.example.com,https://matrix-admin.example.com:8443
    verifyTls: useGlobalSetting
  k8s:
    common:
      annotations: {}
    ingress:
      annotations: {}
      fqdn: matrix-admin.example.com
      services: {}
    tls:
      certificate: secretName
      mode: existing
```

## Upgrading

1. Run the binary with `./element-installer-enterprise-edition-jitsi-cors-fix.bin`, it will display a link to access the installer.
2. Open the link (replacing the IP address with the Jitsi VM external IP address)
  - If you don't have access, you will need to add your machines' external IP address to the associated AWS Security Group for port `8443`
3. Click on the `Certificates` section from the left navigation menu, ensure all except `Well-Known Delegation` are set to `Externally Managed`, then click `Save` at the bottom of the page.

- Click the `Deploy` button found on the right of the screen. Finally on the `Deploy` prompt that appears, click the `Start Deployment` button.



- You will be prompted for your `sudo` password, switch back to the terminal and provide, then switch back to watch the deployment progress.

## Post-deployment Cleanup

Removing the wrong sections from your ElementDeployment will cause your deployment to break. You can easily repair any changes by repeating the upgrade process documented on this page to restore your ElementDeployment. Doing this is entirely optional, and only needed if your host doesn't have enough CPU / Memory to run all the pods.

- In the terminal, use `export KUBE_EDITOR=nano` to allow editing Kubernetes objects with `nano`
- Edit ElementDeployment resource and remove everything but Jitsi, Coturn and Well-Known from the spec:

```
kubectrl edit ElementDeployment first-element-deployment -n element-onprem
```

First, jump down to the start of the `spec: components:` section. Then remove each entry that isn't `coturn:`, `jitsi:` or `wellKnownDelegation:`. You can tell when a section ends as it's last line before the new component should be `secretName: COMPONENT_NAME`. Your final file should be roughly structured like so:

```
apiVersion: matrix.element.io/v1alpha2
kind: ElementDeployment
```


```
metadata:
  example: data
spec:
  components:
    coturn:
      example: data
      secretName: coturn
    jitsi:
      example: data
      secretName: jitsi
  wellKnownDelegation:
    example: data
    secretName: well-known-delegation
  global:
    example: data
    secretName: global
status:
  example: data
```

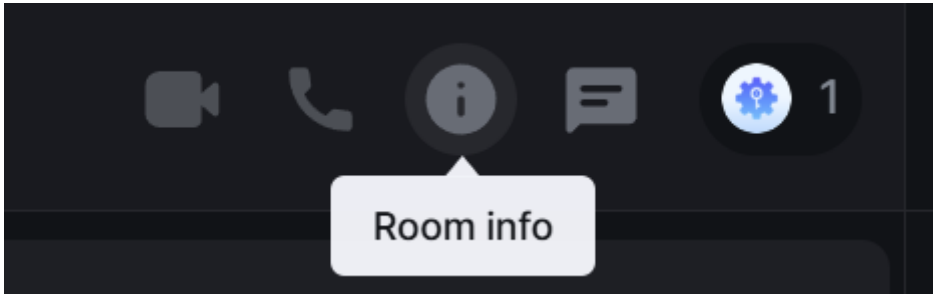
3. Finally delete Synapse, Integrator, SynapseAdminUI and ElementWeb custom resources to remove their pods and clean-up the resources they use:

```
kubectl delete Synapse/first-element-deployment -n element-onprem
kubectl delete Integrator/first-element-deployment -n element-onprem
kubectl delete SynapseAdminUI/first-element-deployment -n element-onprem
kubectl delete ElementWeb/first-element-deployment -n element-onprem
```

## Reset Jitsi Widgets in rooms


If you still observe the Authentication prompt in any rooms' Jitsi widgets, you simply need to remove the widget and re-add. Follow the below steps to do so:

1. Click the  icon, found on the room toolbar at the top, to access the room info panel, then select **Extensions**. Click the **3-dot menu** next to the Jitsi widget listed, and click **Remove for everyone**.





test3

 Encrypted

Add topic



Favourite



Invite



People



Threads



Pinned messages

0

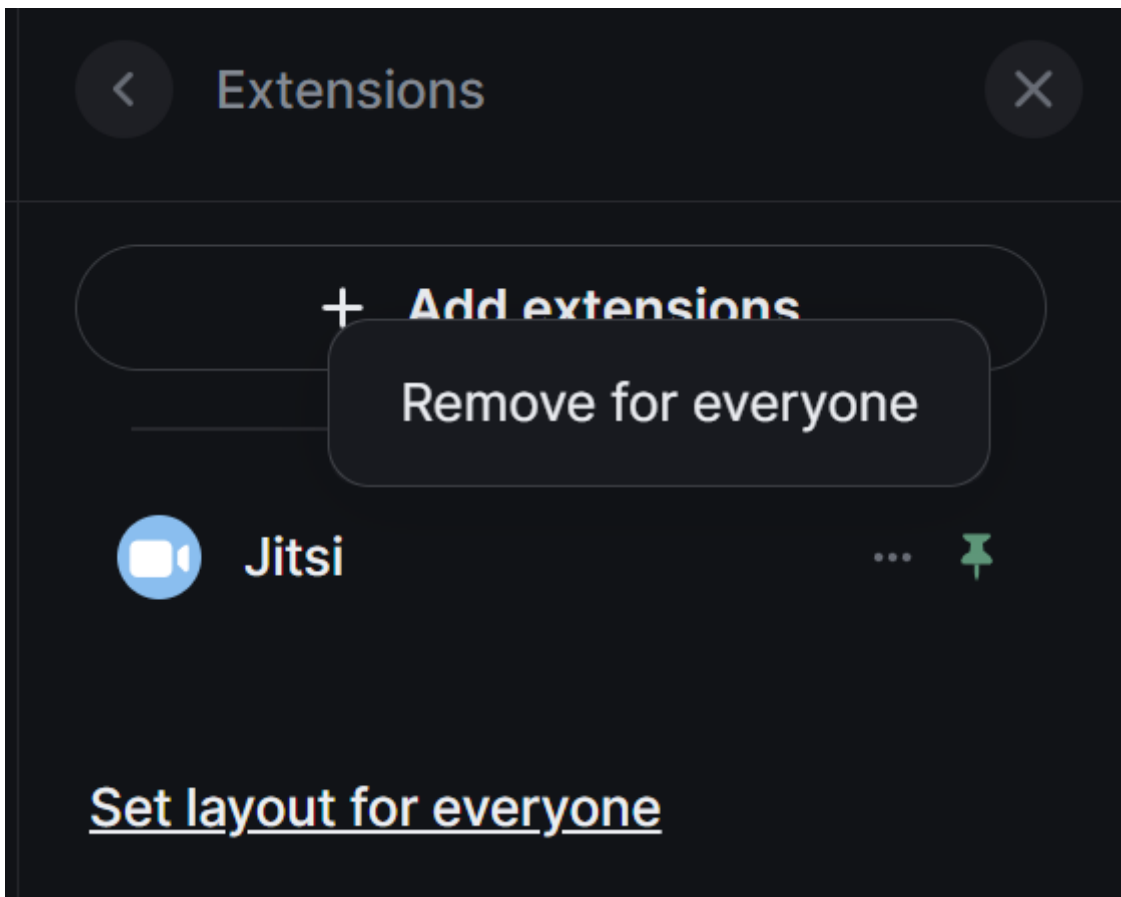


Files



Extensions





2. Click `Add Extensions`, then the `Jitsi Meet` button under `Added to this room`. Then click `Delete`.

## Extensions

### Added to this room



**Jitsi Meet**

ADDED

Embedded voice and video conferencing



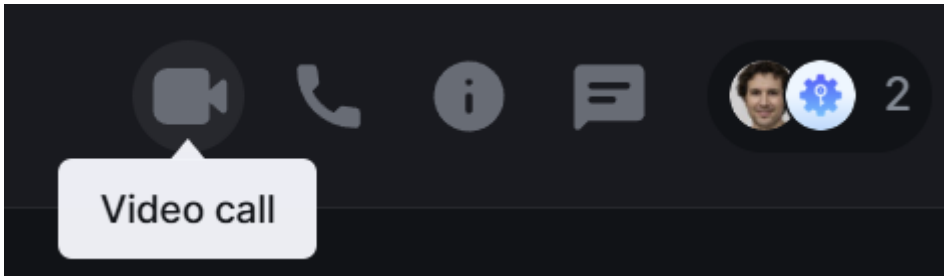
**Jitsi Meet**

By **Element**

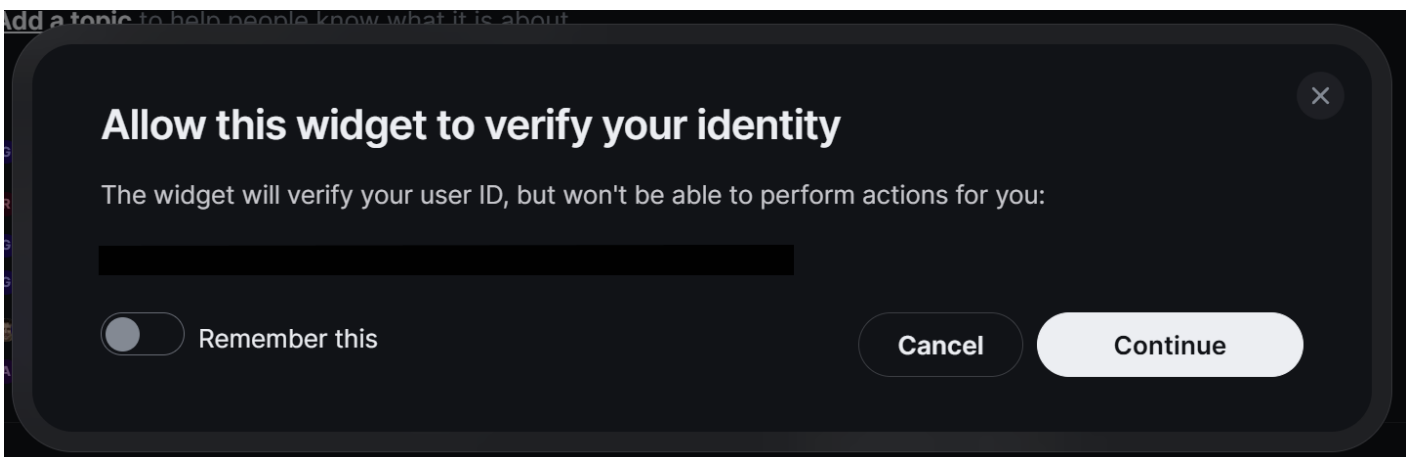
Add a Jitsi widget to embed a conference in your room with voice, video, and screen sharing.

Delete

3. Re-add the Jitsi widget, by clicking the **Video Call** button, found on the room toolbar at the top.



4. The widget will be re-added, and a prompt will appear when you click **Join Conference** to allow the Jitsi widget to verify your identity. Click **Continue**. Note: You can optionally set this prompt to remember your choice.



Revision #2

Created 28 April 2025 15:26:33 by Kieran Mitchell Lane

Updated 28 April 2025 15:58:20 by Kieran Mitchell Lane