

# Updating a Jitsi-only Deployment

## Preparing to upgrade

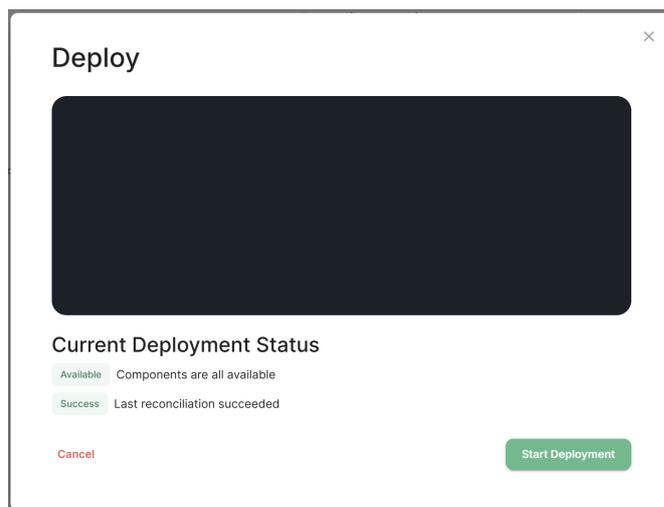
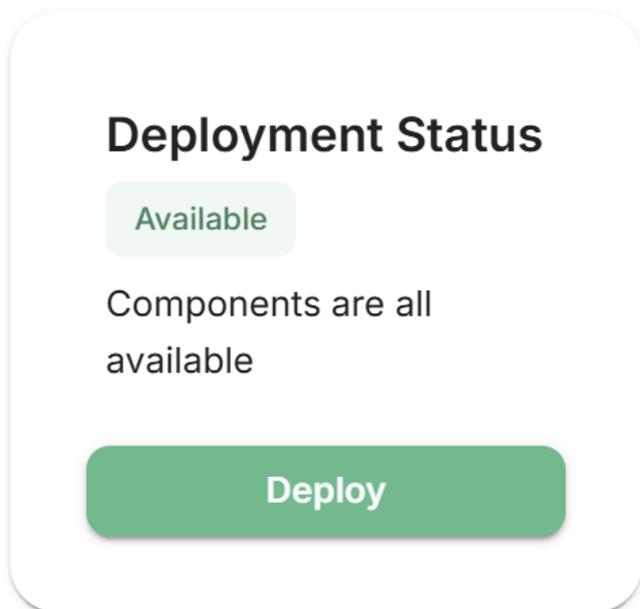
1. Download the `.bin` file and copy it onto the Jitsi ESS deployment `element` users' home directory (with the others)
2. Use `chmod +x ./element-installer-enterprise-edition-jitsi-cors-fix.bin` to make the binary executable
3. Make a backup of your `./element-enterprise-server/config` directory
4. 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`:

```
kubectl 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
```

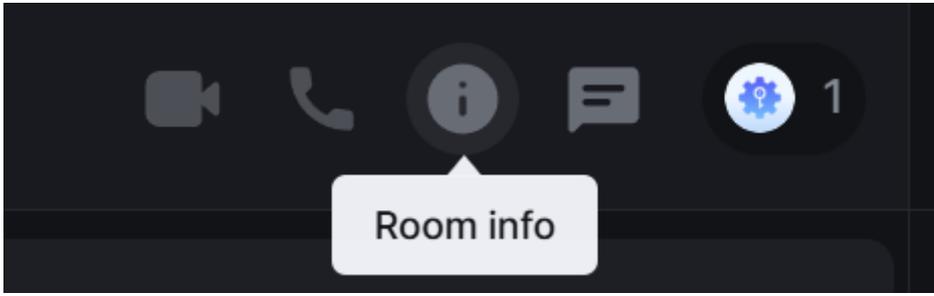
3. Finally delete Synapse, Integrator, SynapseAdminUI and ElementWeb custom resources to remove their pods and clean-up the resources they use:

```
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 **i** 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

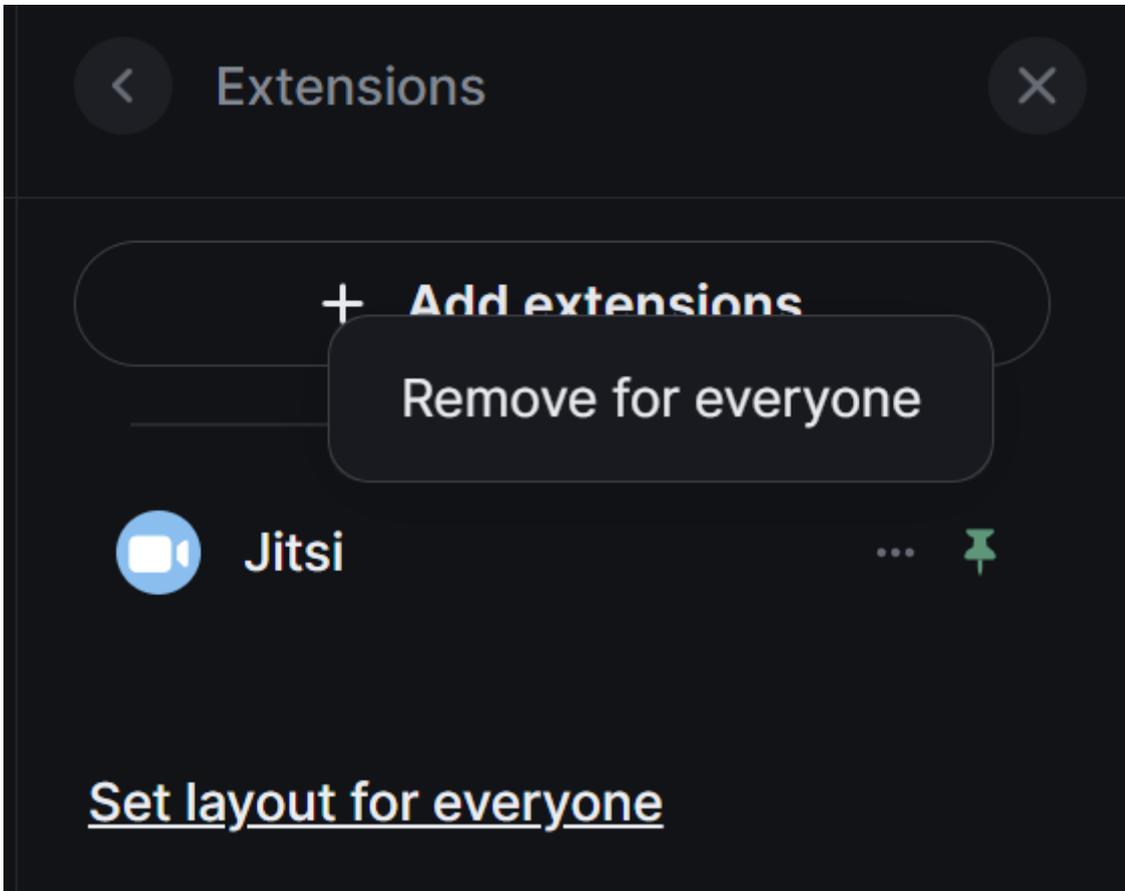
 People

 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



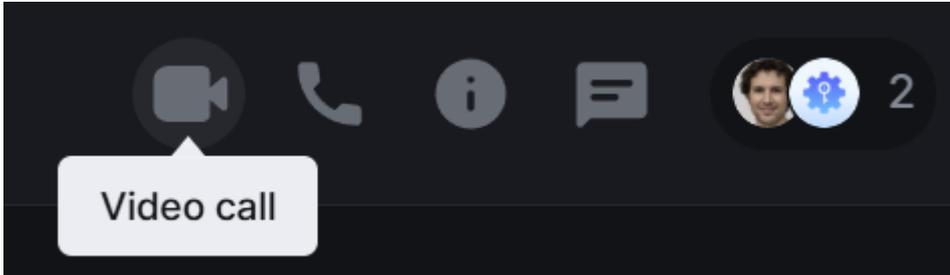
**Jitsi Meet**

By **Element**

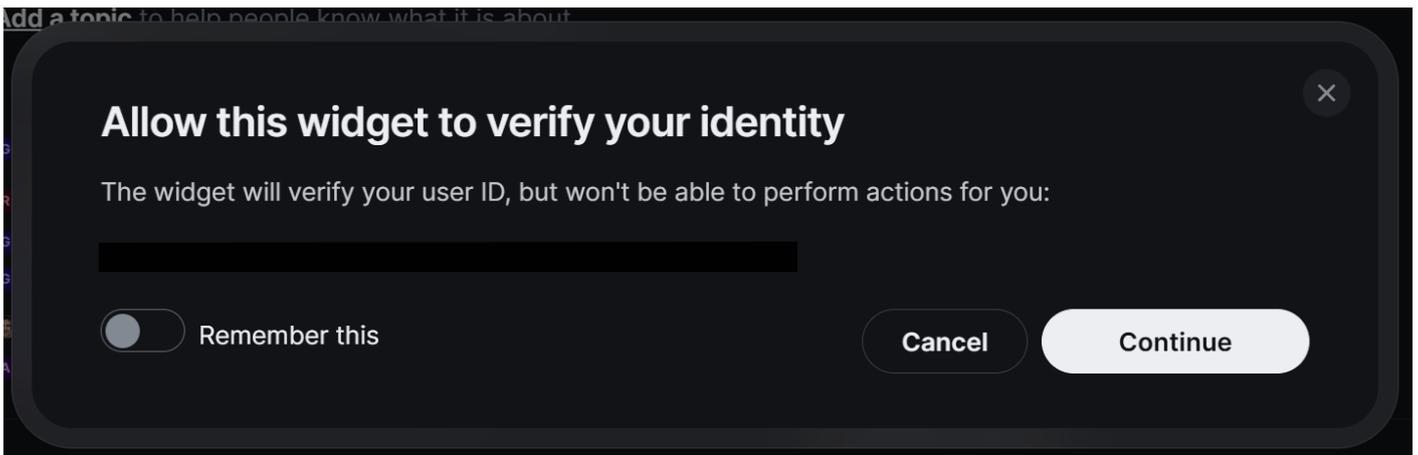
Add a Jitsi widget to embed a conference in your room with voice, video, and screen sharing.

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

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