

Testing Dehydrated Devices

Enabling Dehydrated Devices Support

To enable the dehydrated devices feature Element Server Suite, follow these steps.

Access the Admin Console

1. **Run the ESS Installer:**

- `./element-enterprise-graphical-installer-YYYY-MM.VERSION-gui.bin`
- Access the installer GUI from the link outputted by the installer to the console.

Enable the Experimental Feature in Synapse

1. **Navigate to the `Additional` config from the Synapse Section:**

- In the installer GUI, access the Synapse section, expand `Advanced` and find the `Additional` config section.

2. **Enable the Experimental Feature:**

- Add or modify the configuration to include:

```
experimental_features:  
  msc3814_enabled: true  
  msc2697_enabled: false
```

Additional

Edited

Additional config to inject

```
1 experimental_features:
2   msc3814_enabled: true
3   msc2697_enabled: false
```

3. Save your changes:

- Save the changes in the installer GUI.

Configure the .well-known Endpoint

1. **Navigate to the `Additional Client Configuration` config from the .Well-Known Section:**
 - In the installer GUI, access the Well-Known section of the installer from the Integrations section.



Integrations

Well-Known Delegation

Installed

Configure domain ownership

Config

2. Add the .well-known Key:

- Add the following key-value pair:

```
{  
  "org.matrix.msc3814": "true"  
}
```

Additional Client Configuration

Edited

WellKnownDelegation additional client configuration.

```
1  {  
2  |    "org.matrix.msc3814": "true"  
3  | }
```

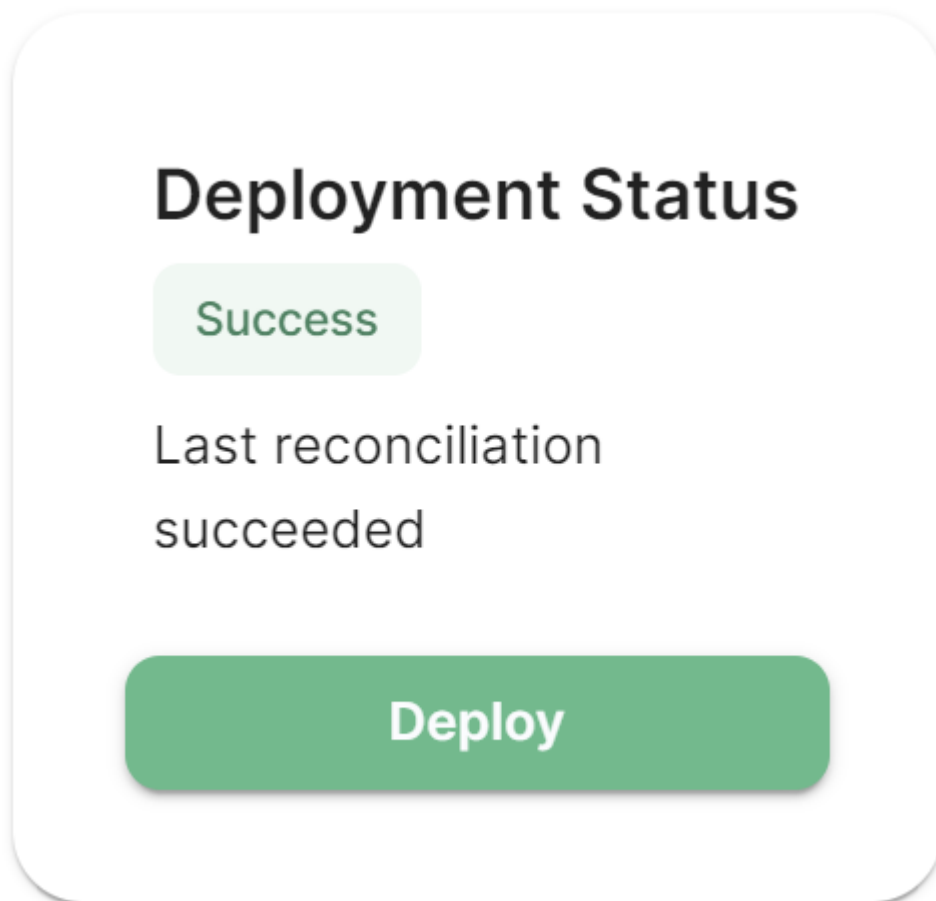
3. Save and Apply Changes:

- Save the changes in the installer GUI.

Deploy your ESS changes

1. Click Deploy and wait for reconcilliation to complete:

- Your Synapse and Well-Known pods should be recreated with the updated configuration.



Testing Dehydrated Devices

Enable the Feature via Element Web (per User)

1. **Navigate to Element Web and sign-in:**
 - Go to the Element Web client and sign-in as the user you wish to test dehydrated devices on.
2. **Enable Dehydrated Devices:**
 - Go to `Settings` then `Security & Privacy`, then enable dehydrated devices for your account.

Test the Configuration

1. **Log in to Account A:**
 - Ensure Account A has only one active web session.
 - Ensure you have enabled device dehydration.
 - Log out of Account A.
2. **Send a Message from Account B to Account A:**
 - Using Account B, send a message to Account A.

3. **Log Back into Account A and Verify:**

- Log in to Account A again.
- Verify the account using the recovery key.

Account A should be able to read the message sent by Account B, despite having no logged-in sessions when the message was sent.

Additional Notes

- **Web Client and iOS Only:**

- The dehydrated devices feature works only on Element Web and iOS. Ensure you are using one of these clients to test the feature.

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