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:

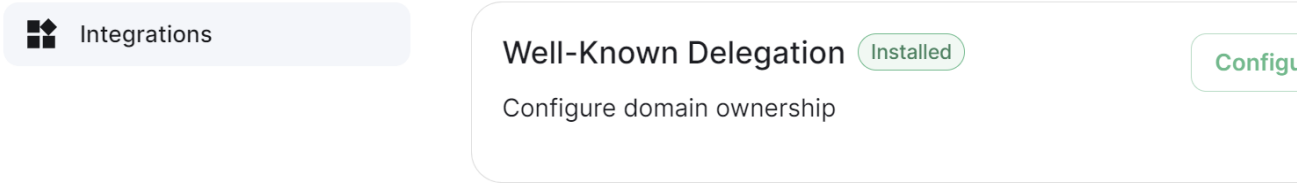
```
experimental_features:
  msc3814_enabled: true
  msc2697_enabled: false
```



3. **Save your changes:**
   - Save the changes in the installer GUI.

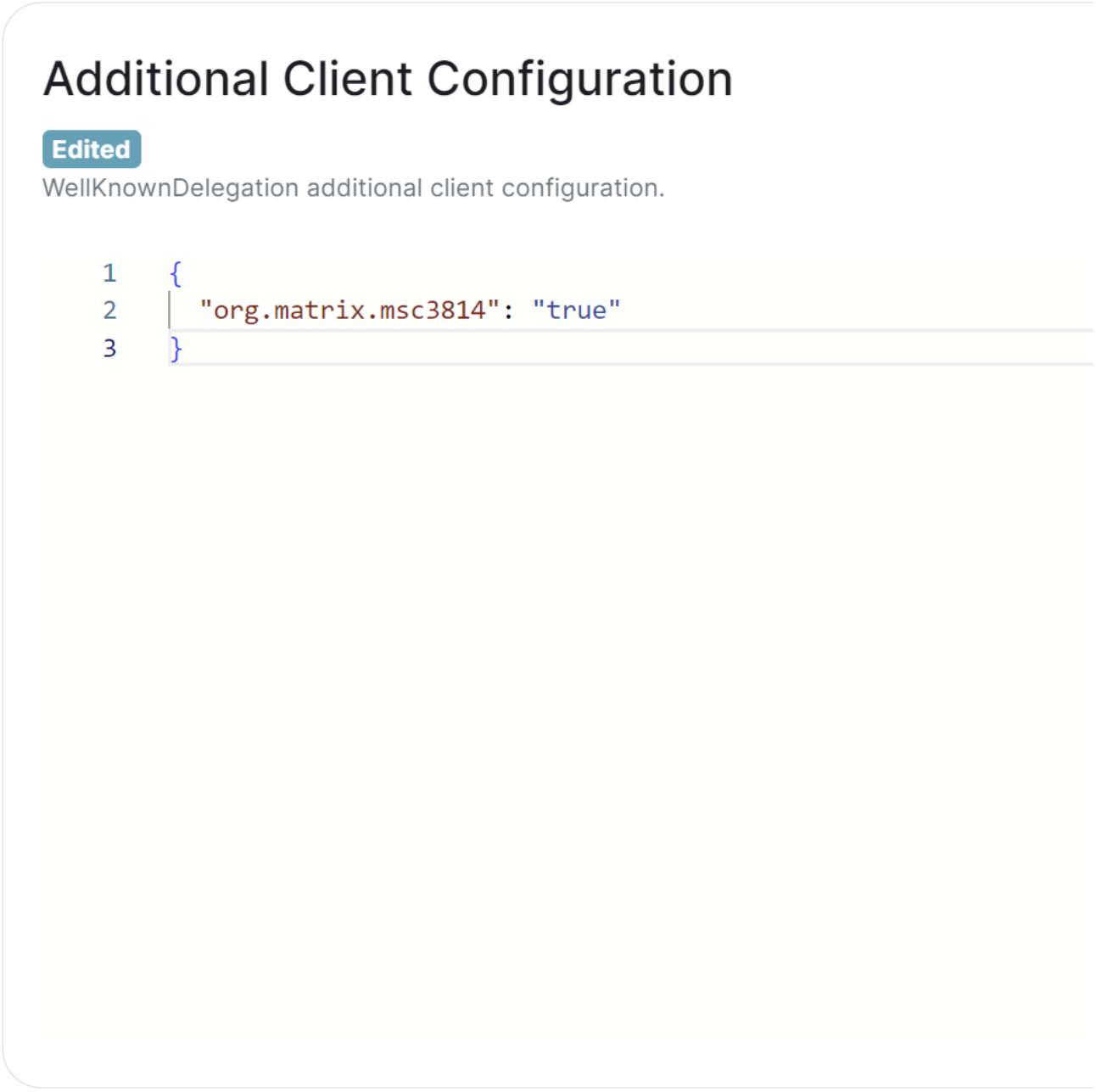
Configure the .well-known Endpoint

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.



2. **Add the .well-known Key:**
   - Add the following key-value pair:

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

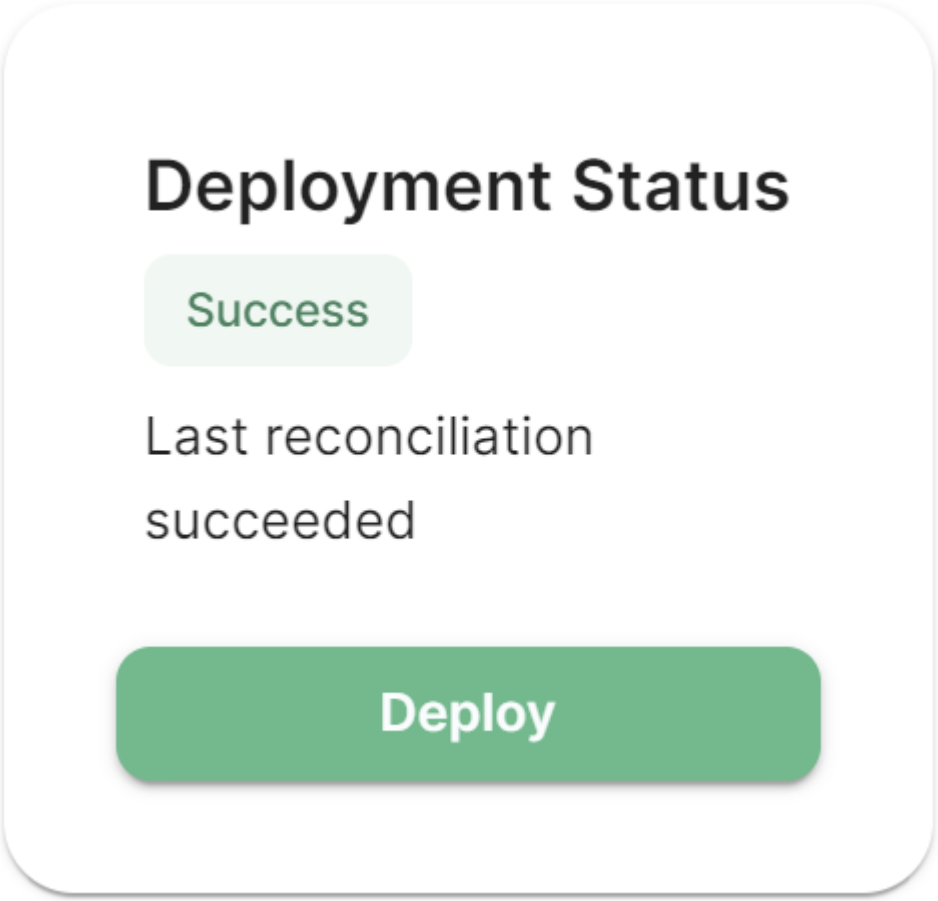


3. **Save and Apply Changes:**
   - Save the changes in the installer GUI.

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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