

# 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

[Config](#)

Configure domain ownership

## 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 }
```

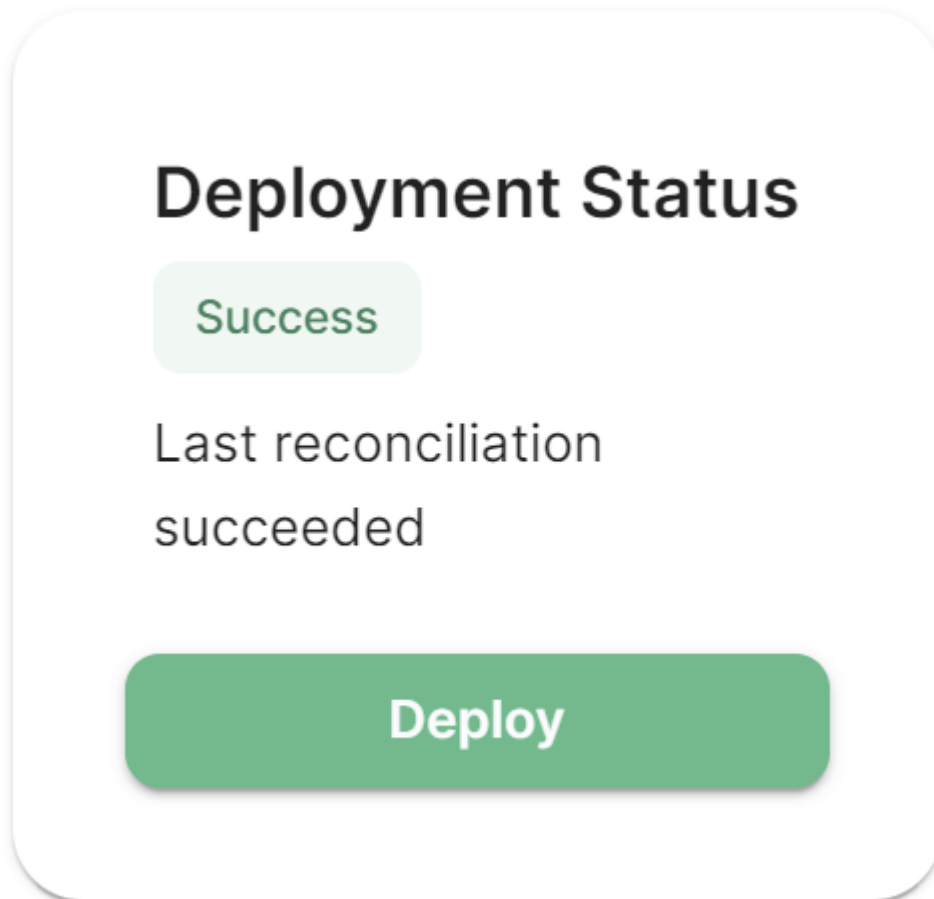
## 3. Save and Apply Changes:

- Save the changes in the installer GUI.

## Deploy your ESS changes

1. Click Deploy and wait for reconciliation 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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