

```
def test_sign_in_with_valid_credentials_and_soft_token(mock):
```

```
    """
```

```
    Test successful sign-in using email/password and soft token MFA.  
    Expects the flow to complete and overview/sync page to load.
```

```
    """
```

```
    from signIn import sign_in, constants
```

```
    email = 'testuser@example.com'
```

```
    password = 'testpassword'
```

```
    mfa_method = constants.MFA_VIA_SOFT_TOKEN
```

```
    mfa_token = 'JBSWY3DPEHPK3PXP' # Dummy TOTP secret
```

```
    # Mock driver and page transitions
```

```
    driver = mock.Mock()
```

```
    driver.current_url = 'https://mint.intuit.com/overview/'
```

```
    driver.implicitly_wait = mock.Mock()
```

```
    driver.get = mock.Mock()
```

```
    mock.patch('signIn.home_page')
```

```
    mock.patch('signIn.user_selection_page')
```

```
    mock.patch('signIn.handle_same_page_username_password')
```

```
    mock.patch('signIn.handle_login_failures')
```

```
    mock.patch('signIn.bypass_verified_user_page', return_value=True)
```

```
    mock.patch('signIn.account_selection_page')
```

```
    mock.patch('signIn.password_page')
```

```
    mock.patch('signIn.handle_wait_for_sync', return_value='Account refresh complete')
```

```
    # Patch MFA
```

```
    mock.patch('signIn.mfa_page')
```

```
    result = sign_in(
```

```
        email,
```

```
        password,
```

```
        driver,
```

```
        mfa_method=mfa_method,
```

```
        mfa_token=mfa_token,
```

```
        wait_for_sync=True,
```

```
    )
```

```
    assert result == 'Account refresh complete'
```

---Extra Details---

Filename: test_sign_in_with_valid_credentials_and_soft_token.py

Description: Validates the full sign-in flow using correct credentials and a soft token MFA. Ensures that all main branches execute

Score: 100%

Alignment: 100%

Validation Notes: Mocks required to avoid real driver/network use, including MFA input. Checks that standard path is fully exercised