

Python: how to create a random token for a password recovery URL

In this article, we'll see how to create a random token to use in a Python app URL to reset a user's password.

We can use the `token_urlsafe()` method of the `secrets` module by specifying the number of bytes that will make up the random token.

```
import secrets

def create_password_recovery_url(bytes_num=32):
    base_url = 'https://site.tld/?t='
    return base_url +
    secrets.token_urlsafe(bytes_num)
```

Usage example:

```
def main():
    print(create_password_recovery_url())

if __name__ == '__main__':
    main()
```

A possible output could be the following:

```
https://site.tld/?t=I04sbDVcHowU82uQogN4CsuzR5ry2y-
jANTUi3zWSe4
```