

# Yubikey

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## Overview

Yubikey supports the use of OATH HOTP such as used with the Swivel [Token](#), or software tokens with a valid [Seed](#) can be used to authenticate Swivel users.

## Prerequisites

Swivel 3.9.6

Yubico Yubikey token

[Yubico Yubikey programming tool](#)

## Configure the Yubico Yubikey

[Programming Tool Video](#)

Insert the Yubikey and run the Yubikey programming tool. Select the following settings:

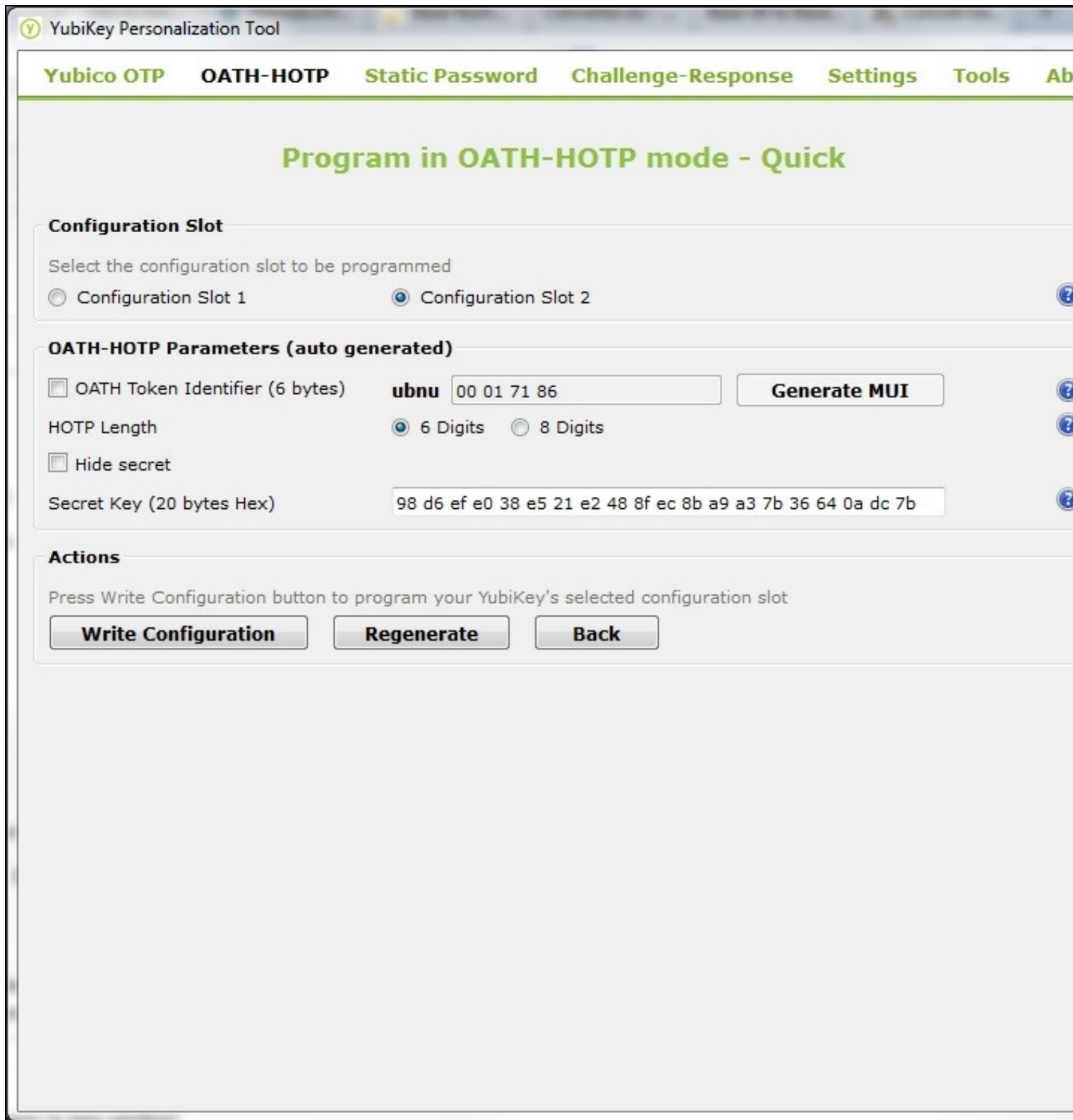
**Configuration slot** Configuration Slot 2

**Oath-Token Identifier (6 bytes)** uncheck

**HOTP Length** 6 digits

**Hide Secret** uncheck to copy seed

Then select the Action, Write Configuration



## Configure the Swivel User

Swivel uses a Hexadecimal [seed](#), generated on the yubikey programming tool. Copy the Seed from the programming tool, remove any spaces and add the seed as a hardware or software HOTP token on the Swivel Administration console, see [Token](#).

When the seed has been assigned to a user, open a text editor such as Notepad, and press when the green light on the Yubikey is pressed, an [OTC](#) is generated on the Notepad. Generate two [OTC](#) to synchronise the token.

## Testing

Open a text editor such as Notepad, and press when the green light on the Yubikey is pressed, an **OTC** is generated on the Notepad. The **OTC** can be used to test a user authentication.

## Known Issues

### Troubleshooting

#### **TOKEN\_BAD\_SEED**

Ensure spaces are removed when importing a seed.