

SOPHOS

Security made simple.



Pocket Guide

Create OTP Token Automatically for
Two-Factor Authentication

Product: Sophos XG Firewall

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Scenario

This guide describes how to configure Sophos XG Firewall (SF-OS) to auto-create OTP tokens for two-factor authentication of users. Using the Sophos Authentication App through their mobile device, users can access SF-OS securely.

Prerequisites

You must have read-write permissions on the SF-OS Admin Console for the relevant features.

Configuration

Step A: Enable Auto-creation of OTP tokens (Administrator)

Log in to the SF-OS Admin Console.

- Go to **Configure > Authentication > One-Time Password** and click **Settings**.
- Click to enable or disable the **OTP for all users**.
- Click to enable **Auto-create OTP tokens for all users**.
- Click to enable or disable facilities for which users require OTP authentication.
- Use **Timestep** to synchronize OTP generation on the mobile device with SF-OS.

Click **Apply**.

Authentication

Servers Services Groups Users **One-Time Password** Captive Portal

One-Time Password

One-time password service status

OTP for all users Auto-create OTP tokens for users

Enable OTP for facilities:

WebAdmin SSL VPN Remote Access

User Portal IPsec Remote Access

Timestep

Default token timestep in seconds: Seconds [10 - 300]

Maximum passcode offset steps: [0 - 10]

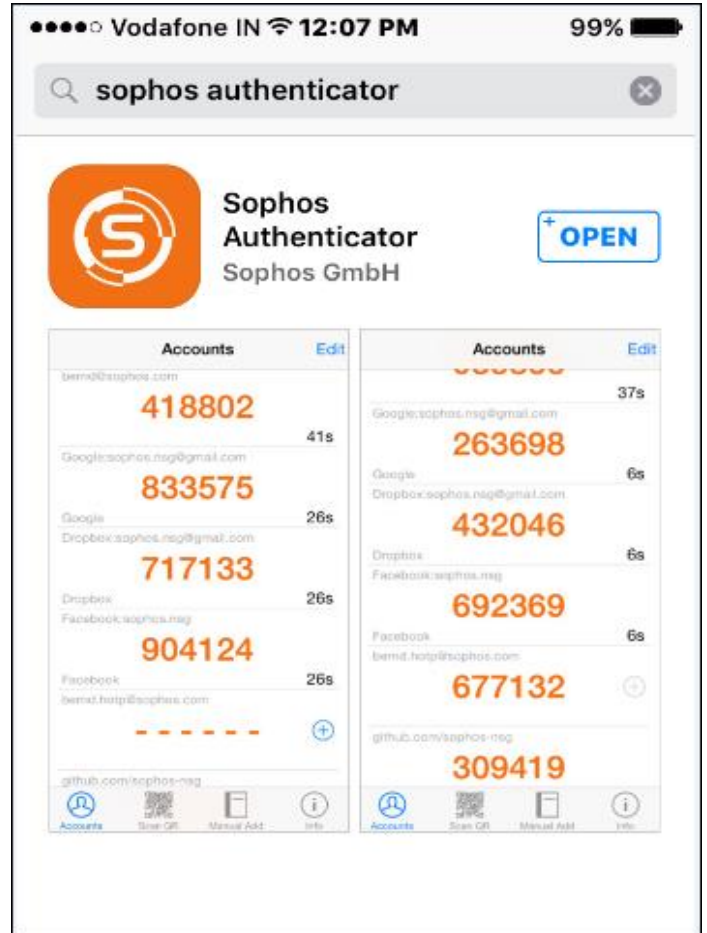
Maximum initial passcode offset steps: [0 - 600]

Apply Cancel

Step B: Auto-Create OTP Tokens (Users)

Step 1: Download Sophos Authenticator App to mobile device

The app is available in the app store for iOS, Android and Windows.



Step 2: Get the QR Code from User Portal

- Login to the User Portal with your password.
- A QR code appears

Note: To login to User portal add **https** as prefix to your device id. For example <https://1.1.1.1>

The screenshot shows the Sophos web portal interface. On the left is a dark blue sidebar with the 'SOPHOS' logo and a 'Proceed to Login' button. The main content area is titled 'OTP Tokens for n1'. It contains a 'Description' section with instructions: 'To enter the User Portal you have to authenticate with an One Time Password. Scan the QR code below with Sophos Authenticator on your phone. The app will then generate a new passcode every timestep enter to login.' Below this is a section for 'Unused auto-generated OTP Tokens' which includes a QR code and the following details: Account: n1, Secret (HEX): 75dcac2babd80121f874579c0457e9aa, Secret (BASE32): OXOKYK5L3AASD6DUK60AIV7JVI=====, and Timestep: 30s.

Step 3: Get the OTP token on mobile device

Use Scan QR on the Sophos Authentication App.

The one-time password token appears on the mobile device. The token is available for a preset time.

The screenshot shows a mobile application interface. At the top, the status bar displays 'Vodafone IN', signal strength, Wi-Fi, time '12:31 PM', and battery level '96%'. The app title is 'Accounts' with an 'Edit' link. Below the title, the account identifier is 'demo1@S120023EDBDB104'. A large orange number '312056' is displayed prominently. Underneath, it says 'Sophos SFOS' and '12s'. At the bottom, there is a navigation bar with four icons: 'Accounts' (person icon), 'Scan QR' (QR code icon), 'Manual Add' (document icon), and 'Info' (info icon).

Step 4: Login to User portal with OTP Token

- Go to the user portal and enter the username. The password is in the form: **<passwordtoken>**.

Example:

Password: password

OTP Token: 312056

Password to be entered: password312056

Results

You have automatically generated OTP tokens to access Sophos XG Firewall securely.

Suggested Reading

Create OTP Token manually for Two-Factor Authentication

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