



TOTP Two Factor Authentication

GUIDE FOR ENABLING & USING TOTP TWO FACTOR
AUTHENTICATION IN MYAFRINIC

Enabling Two Factor Authentication

To enable Two Factor Authentication, please login to MyAFRINIC and click on “My Account” then select Security.

The screenshot shows the MyAFRINIC user interface. At the top, there is a navigation bar with tabs: Control Panel, My Account (circled with '1'), Billing, Resources, Elections, Meetings, and Help & Support. Below this, there are links for My Contact Info, User Administration, BPKI, Security (circled with '2'), Options, and [Sign-Out]. The page title is 'My Account @ African Network Information Center - (AfrinIC Ltd.)'. The breadcrumb trail shows 'Home > My Account > Security Settings'. On the left side, there is a 'Links --' dropdown menu with a 'Jump' button and a 'Whois' button. Below that, there is a section titled 'ONLINE HERE' with text about invoice payments. On the right side, there is a navigation bar with buttons: History, Change Password, Reset Challenge, and 2-Factor Authentication (circled with '3'). Below this, there is a section titled 'Login History' with the text 'You previously logged in from:'.

Enabling Two Factor Authentication

Download and Install a TOTP authenticator app on your mobile device. Then click Setup

You are here: [Home](#) > [My Account](#) > Security Settings

Quick Links -- Jump
Advanced Options Whois

PAY ONLINE HERE
Enter your Pro-forma Invoice or invoice reference to pay directly by credit card
You will be redirected to AFRINIC's online payment gateway
Proceed to pay

STATUS
Your membership is in good standing
[Read More](#)
View your Account Summary [here](#)

PUBLICATIONS
AFRINIC Service Level Commitment

Security Settings

History Change Password Reset Challenge **2-Factor Authentication**

With 2-Factor Authentication you first sign in with your username and password as you normally do and then MyAFRINIC will request you to enter a time-based one-time password (TOTP) generated on your phone. This two-step verification makes access to your account with AFRINIC extremely secure.

To get started:

Step 1 - Download an Authenticator

To generate a TOTP you can install any one of the following apps to your phone:

- Google Authenticator (Android, iOS)
- Microsoft Authenticator (Android, iOS)
- Authy (Android, iOS)
- FreeOTP (Android)
- HDE OTP Generator (iOS)

Step 2 - Setup 2-Factor Authentication in Your App

To activate 2 Factor Authentication click on the button below to go to the setup page. There you can scan the QR Code displayed or manually enter the secret key into your Authenticator App and confirm it works by entering the six-digit OTP code displayed in your App to successfully link your MyAFRINIC account.

Setup

Enabling Two Factor Authentication

Scan the QR-code displayed or enter the “Secret Key” manually

You are here: [Home](#) > [My Account](#) > [Security](#) > Setup 2-Factor Authentication

Setup 2-Factor Authentication

Instructions:

1. Scan the QR Code with your App (or manually enter the Secret Key).
2. Click the Confirm Button to Validate your Setup
3. Enter the six-digit OTP code displayed in your App into the Confirmation Pop-Up Form.

Secret Key: A3H3RIMQ4DAFUPJD **2**

QR Code: **1**

Confirm OTP | Go Back

Navigation: -- Quick Links -- | Jump | Whoa | Advanced Options

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PUBLICATIONS
AFRINIC Service Level Commitment
In its quest to serve its valued members in the most professional manner and in accordance with the internet industry highest standards, AFRINIC, as an RIR is publishing this Service Level Commitment (SLC) in respect of its Number Resources Management services:
[AFRINIC SLC](#)

Enabling Two Factor Authentication

Use the six-digit code generated by the app to conclude the setup

You are here: [Home](#) > [My Account](#) > [Security](#) > Setup 2-Factor Authentication

Setup 2-Factor Authentication

Instructions:

1. Scan the QR Code with your App (or manually enter the Secret Key).
2. Click the [Pop-Up Form](#).
3. Enter the OTP Code.

Secret Key:

QR Code: 

[Confirm OTP](#) [Go Back](#)

Enter your OTP Code

OTP Code:

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[AFRINIC SLC](#)

Enabling Two Factor Authentication

Generate your 5 one time use, 10-character backup codes. These are useful when the app is not accessible.
Write these down or print out, and store them in a safe place

You are here: [Home](#) > [My Account](#) > Security Settings

-- Quick Links -- Jump

Whois

Advanced Options

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STATUS

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[Read More](#)

[View your Account Summary here](#)

Security Settings

History
Change Password
Reset Challenge
2-Factor Authentication

With 2-Factor Authentication you first sign in with your username and password. This two-step verification makes access to your account more secure.

Status: Active [\[Disable\]](#)

Your One-Time Backup Code

A Backup Code is a 10-character one-time code you can use to log in if you do not have your cell phone with you. After clicking on the Generate Backup Code button, a popup menu will display a list of Backup Codes. Write these down or print them out. A Backup Code can only be used once, however, at any time, you can generate a new set of codes.

Backup Code

Please save your new Backup Codes as:

AP1bqn1s7N
lKh3tbRE1C
vWPCJ0066V
bUh82hEYLL
wKyeYngreo

1
2

Generate Backup Codes
Show Backup Codes

Log-in With Two Factor Authentication

Use your Unique NIC-HDL (Format: YYN-AFRINIC) and password to login to <https://my.afrinic.net>

Sign In

Please sign in below:

Nic-Hdl:	<input type="text" value="XY17-AFRINIC"/>
Password:	<input type="password" value="*****"/>

[Sign In](#) ([Forgot password](#) / [Activate account](#))



Log-in With Two Factor Authentication

For the 2nd authentication factor, use the OTP code from your app. A new code is generated every 30 in most TOTP authenticator apps

You are here: [Home](#) > 2-Factor Authentication Code

-- Quick Links --

Advanced Options

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PUBLICATIONS



2-Factor Authentication Code

Open the two-factor authentication app on your phone to obtain your authorization code and access the portal.

If you do not have access to your Authenticator App you can sign in by entering your Backup Code

OTP Code Backup Code

One-Time Password (OTP):

Disabling Two Factor Authentication

To disable 2-FA, go under 2-Factor Authentication, then.

The screenshot shows the AFRINIC user interface. At the top, the breadcrumb trail reads: "You are here: [Home](#) > [My Account](#) > Security Settings". Below this is a navigation bar with a "Quick Links" dropdown, a "Jump" button, and a "Whois" button. The main content area is titled "Security Settings" and contains several tabs: "History", "Change Password", "Reset Challenge", and "2-Factor Authentication". The "2-Factor Authentication" tab is selected and highlighted with a circled "1". Below the tabs, the text reads: "With 2-Factor Authentication you first sign in with your username and password as you normally do and then MyAFRINIC will request you to enter a time-based one-time password (TOTP) generated on your phone. This two-step verification makes access to your account with AFRINIC extremely secure." The status is shown as "Active" (in a green box) and "Disable" (in a grey box), with the "Disable" button circled with a "2". Below this is the "Your One-Time Backup Code" section, which explains that a Backup Code is a 10-character one-time code used in place of the OTP code. It includes two buttons: "Generate Backup Codes" and "Show Backup Codes". On the left side of the page, there are three sections: "PAY ONLINE HERE" with a form and a "Proceed to pay" button; "STATUS" with the message "Your membership is in good standing" and a "Read More" link; and "View your Account Summary [here](#)".