Purpose

This document describes how to configure Nagios XI 2024 to use DUO for two factor authentication (2FA). Nagios XI already provides email 2FA however DUO can be used instead, this makes 2FA more accessible on more devices.

Target Audience

This document is intended for use by Nagios Administrators that need to configure DUO on Nagios XI.

Obtain DUO Keys

DUO requires you to obtain some API keys so the Nagios XI server can communicate with the DUO service. These steps are officially documented <u>here</u>, however we've also included them in this documentation so you get running as quickly as possible.

You will first need to sign up for a DUO account at the following page <u>https://singup.duo.com</u> Populate the required fields and then click the Create My Account button.

Next you will need to follow some additional steps to activate DUO, please follow these steps. This typically involves opening the DUO app on your mobile device and pointing at the QR code on the screen.

Once this step is completed you will be taken to the Protect an Application page on the <u>DUO Admin</u> <u>Panel</u>. Locate the **Web SDK** application and click the **Protect this Application link**.

Protect an Application								
 Add an application that you'd like to protect with Duo two-factor authentication. You can start with a small "proof-of-concept" installation — it takes just a few minutes, and you're the only one that will see it, until you decide to add others. Documentation: Getting Started IS Choose an application below to get started. 								
web	web sdk							
Applica	ation	Protection Type						
<u></u>	Partner WebSDK	2FA	Documentation E [*] Protect					
(-)	Web SDK	2FA	Documentation I ⁴ Protect					

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Details		
Client ID	Designmentation in subsequences	Сору
Client secret		Сору
	Don't write down your client secret or share it with	anyone.
API hostname	age enforce "We decomposity com-	Сору

At the top of the page three fields appear. You will need to make note of these values as they will be entered into your Nagios XI server shortly. There are optional settings that can be selected, once done click the Save button at the bottom of the page. Now that you have obtained the DUO keys the next step will be to configure Nagios XI.

Configure Nagios XI

- 1. Login to Nagios XI as an admin user and navigate to **Admin > System Extensions > Manage Components.**
- 2. Locate the **DUO 2FA Integration** component and click the **settings** icon.

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	Manage Components Manage Config Wizards Manage Dashlets Manage Plugins	Escalation Wizard This component host and service escalations to be easily created through a wizard D 1.5.3 🛗 05/28/2024 은, Naglos Enterprises, LLC	User		Ŧ	Ū	1.5.3		-
	Manage Graph Templates Manage MIBs Custom Includes	Favorites This component adds a 'favorite' button to every page, and creates a link for favorited pages in the left navigation menu	User	খ	Ŧ	Ū	2.0.2		
l	DUO 2FA Inte	egration						0 L	ל
	Follow the First Steps located at https://duo.com/docs/duoweb . All you need to continue is an integration key, secret key, and API hostname.								
	READ THIS BEFORE ENABLING								

Your Nagios XI system must have a valid hostname with SSL and not an IP address for DUO 2FA to work. The hostname does not need to be web-accessible and your SSL certificate does not need to be valid but the hostname does need to resolve for those who log into the system. You can set this in Admin > System Settings > Internal URL. The system will use External URL instead if you have one specified. Example: https://nagiosxiinternal/nagiosxi/					
You can disable (skip) two DUO authentication on a per user basis in Admin > User Management.					
Duo Settings					
	C Enable Duo Two Factor Authentication				
DUO Integration Key:					
DUO Secret Key:					
DUO API Hostname:					
DUO Authentication Timeout:	60				
	Use Legacy WebSDK 2 (may not work properly)				
Apply Settings Cancel					

- 3. On the settings page you will need to check the box **Enable DUO Two Factor Authentication**.
- 4. Populate the three fields with the values you obtained previously.
- 5. Click the Apply Settings button when done.

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User Configuration

Once you enable **DUO 2FA** in the component, all users will have the **DUO 2FA** enabled on their account. This can be optionally configured by navigating to **Admin > Users > Manage Users.** Edit a user and under **Authentication Settings** you will see the **DUO 2FA** option. You can see that this user has it enabled.

Authentication Settings ②					
Auth Type					
Local (Default)	~				
DUO 2FA: 🕜					
Enabled	~				
Update User Cancel					

You may choose to select some user accounts that do not require DUO 2FA to login, select Disabled to turn off DUO 2FA for that account.

Login

The next time a user attempts to login to the Nagios XI server they will be prompted to setup their user account for DUO 2FA. This is several steps of providing details, installing the DUO app on their preferred device and answering some questions. Once the steps are completed the user will have to use DUO to login to your Nagios XI server.

Finishing Up

This completes the documentation on how to configure Nagios XI to use DUO for two factor authentication (2FA). If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

Visit Nagios Support Forum

Visit Nagios Knowledge Base

Visit Nagios Library

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