



# MULTIFACTOR AUTHENTICATION QUICK GUIDE FOR ADMINISTRATORS

*How to implement MFA in the e-OSCAR  
System*

# What is MFA & Why is It Important?

As the security landscape evolves and threats that compromise user credentials grow more common, it's important to implement additional strong security measures to protect data within the e-OSCAR System.

Username and passwords alone don't provide sufficient safeguards against unauthorized account access. **Multifactor Authentication (MFA)** adds an extra layer of protection against threats like phishing attacks, credential surfing and account takeover.

Multifactor Authentication is one of the easiest, most effective ways to help prevent unauthorized account access and safeguard data in the e-OSCAR System.

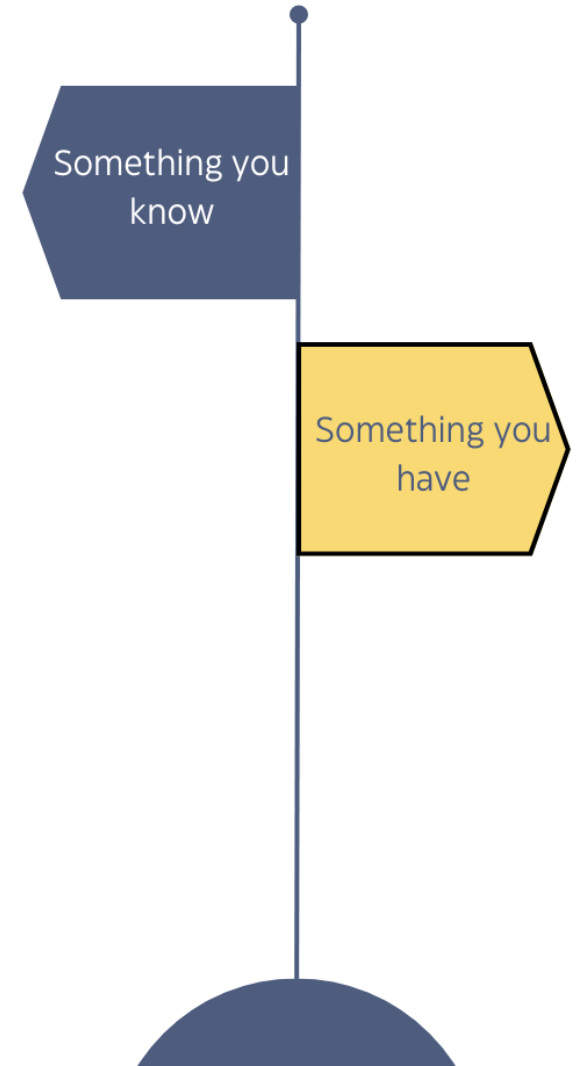


# How Multifactor Authentication Works

MFA requires users to prove they are who they say they are by providing two or more pieces of evidence (or factors) when they log in.

One factor is something the user knows, such as their username and password combination. Other factors are verification methods that the user has (such as an authenticator app or one-time passcode).

By tying user access to multiple, different types of factors, it is much more difficult for a bad actor to gain entry to e-OSCAR. Even if an operator's password is stolen, the odds are very low that an attacker can guess or impersonate a factor that a user physically possesses.



# MFA Verification Methods for e-OSCAR

We will offer two primary methods for MFA for e-OSCAR:

1. Email delivery of a one-time passcode
2. Web-based Authenticator App

**NOTE:** When we enable MFA for your organization, every operator in your organization will be impacted and must use the same version of MFA.

SMS text messages are not allowed as MFA verification methods because text messages can be intercepted.



Email delivery of OTP



Web-based Authenticator  
App

The rollout of our web-based Authenticator app is pending. Stay tuned for details.

# Enabling Multifactor Authentication

We will be rolling out email delivery of one-time passcode to e-OSCAR Registrants who volunteer for early deployment beginning on **June 1, 2024**. To ensure your readiness, and to activate your deployment of MFA, you must:

## Organization Readiness

- Validate that all operators in your e-OSCAR organization have an email address in their Operator Profile
- Ensure that each email address is unique and not duplicated on any other operator ID
- **TIP:** We recommend that you in situations where individual users have multiple Operator IDs that you consider combining them to ensure that all email addresses are unique.

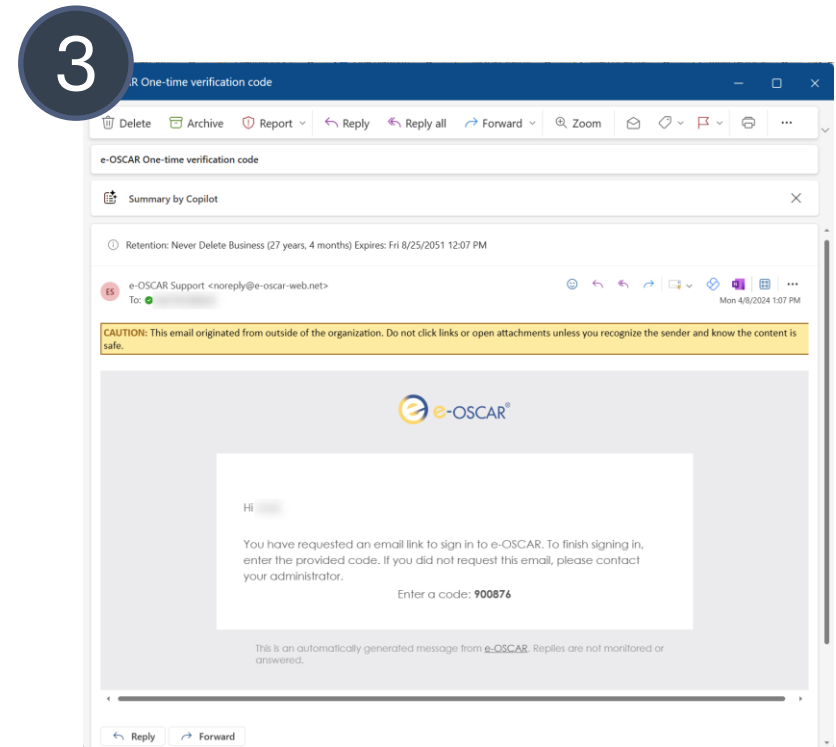
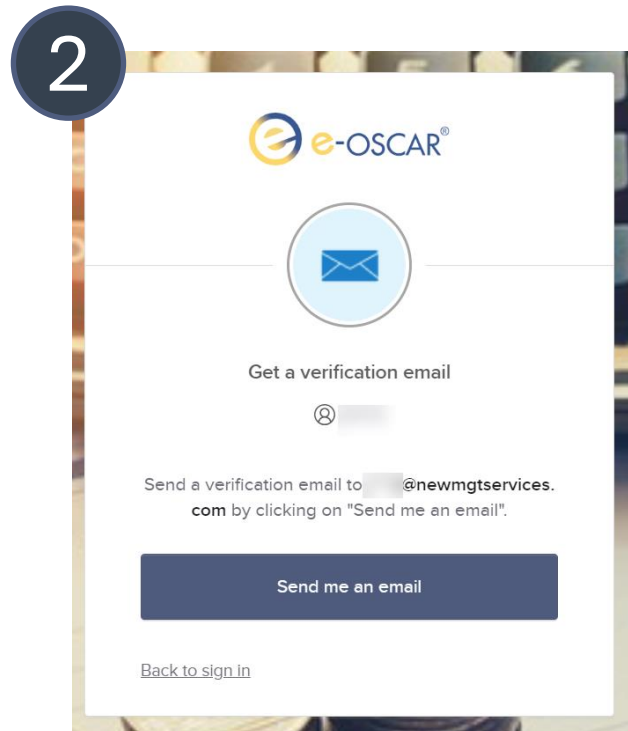
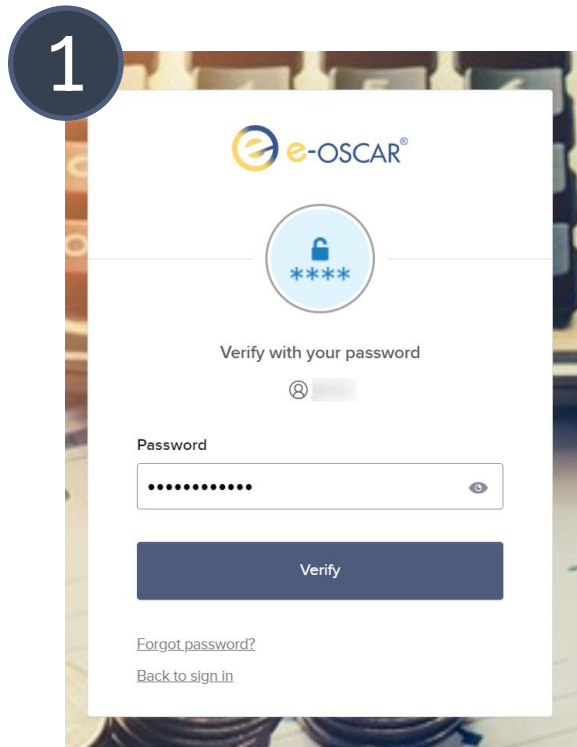
## Tell us you're ready

- Navigate to the e-OSCAR Support Portal and create a "Multifactor Authentication Enablement" ticket
- Add all required information to ticket
- **NOTE:** We will review your registration for readiness and may reach out to you with additional steps that you need to take before we can successfully activate MFA.

# What MFA via email looks like

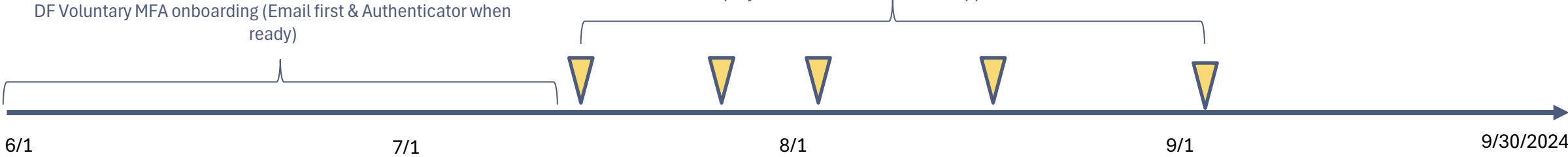
MFA adds an extra authentication step for your e-OSCAR login process.

1. The operator enters their username and password, as usual
2. The user is prompted to have email passcode emailed
3. Email is received including a one-time passcode that is used to gain access to the e-OSCAR system



# Overall MFA Deployment Plan for e-OSCAR

- Auto deployment by marketing tier, beginning with Minimalist & Micro
  - 7/15 – Group 1
  - 7/22 – Group 2
  - 8/5 – Group 3
  - 8/19 – Group 4
  - 9/3 – Group 5
  - Remaining time is for catch up, troubleshooting, etc.
- Auto-deployment means we will automatically activate email-based authentication unless directed by DF to deploy web-based Authenticator App



During voluntary MFA deployment, Data Furnishers can self-select and deploy MFA in their registration when ready.

Initial deployments will be MFA via email delivery of OTP.  
Expansion into web-based Authentication App available once testing complete

Mandatory MFA Implementation for all Data Furnisher Registrants