



## Training Manual - WMS Keycloak Login

### About Manual

This document provides a guide to using Keycloak authentication and the switch organization feature in WMS. Keycloak is a more secure way of authenticating to an application and the switch organization feature is a simple way to change organizations data while logged into WMS. The contents in this document will detail how these new functionalities are used.

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### CHANGE LOG

Version	Author	Date	Description of changes
1.0.0.0	Rakesh Jose	09/04/2023	Initial version of file

## INTRODUCTION

The expected functionality of WMS will remain the same, the only changes are the new functionalities such as the Keycloak authorization and the switch organization feature.

Users are required to log into the updated WMS application using the new URL <https://wms.integron.com/>. The screen displayed on the landing page for the URL is the WMS login screen. By entering an email and clicking 'Log In' a redirect to Keycloak's interface will occur.

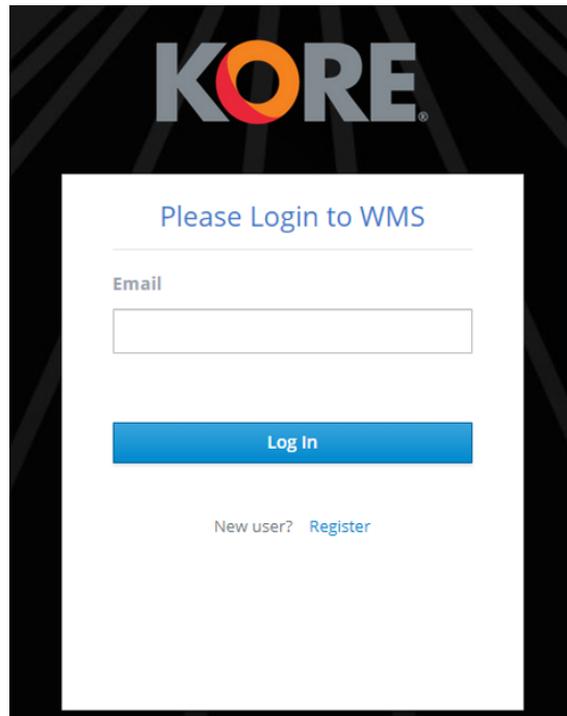


Figure 1

## KEYCLOAK REGISTRATION

When accessing the updated WMS application users will be redirected to a Keycloak login screen. This screen can be used to login or register. If a user has not registered before, then they need to click the blue register text below the login button. Follow the guided instructions provided after clicking the register text to complete registration with Keycloak. ***When registering it is important to provide the email used to communicate with KORE to ensure our KORE systems and Keycloak's system have the same user information or WMS access will not be possible until corrected.*** This email should be the same email used when accessing KORE systems such as the current version of WMS.

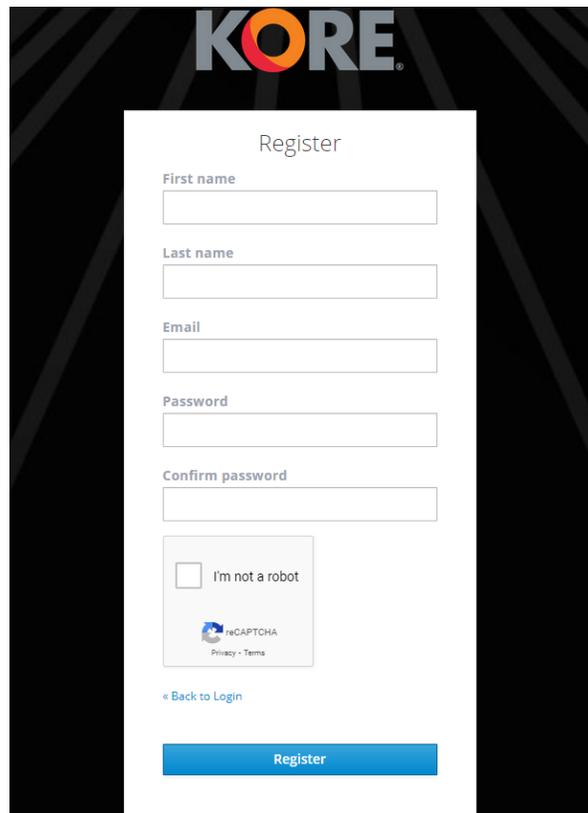
**IMPORTANT:** - If you have already registered with Keycloak for the Asset Management System (AMS), you do not need to register again. You can login with the email address registered with AMS.

## Locate Valid Email Address

1. Users can go to the WMS application and based on admin privileges, they can check for a username and corresponding email address, or they can contact their supervisor.
2. Contact the CSO team to find their email address.
3. Contact [IoTSupport\\_int@korewireless.com](mailto:IoTSupport_int@korewireless.com) and request your WMS email.

## Email Specifications

- The email address used to register should be valid, accessible and can send and receive emails since Keycloak will send verifications to the email address for authentication into WMS.
- If an email address is invalid in WMS, update the email address in WMS itself with a valid or new one.



The image shows a registration form for KORE. At the top, the KORE logo is displayed in white and orange on a black background. Below the logo, the word "Register" is centered. The form contains several input fields: "First name", "Last name", "Email", "Password", and "Confirm password". Below these fields is a checkbox labeled "I'm not a robot" with a reCAPTCHA logo and "Privacy - Terms" link. A blue link "Back to Login" is positioned below the checkbox. At the bottom of the form is a blue "Register" button.

Figure 2

## WMS LOGIN

Once registered, users can login using their registered email address which will redirect them to the One Login page. Users can enter their valid username and password to receive a token generated by Keycloak. This token exists in Keycloak's system and does not have to be interacted with by the user. This is simply information to detail how the login functionality works. The token will be valid for 10 hours unless the browser is closed, after which users are required to login again.

## SWITCH ORGANIZATION

The management of organizations associated with a user is different for the updated WMS application. Previously KORE users had a username and password to access each organization they belong to. In this updated version there will not be multiple usernames and passwords, only one username and password. The email registered with Keycloak will act as a single username to access all organizations. Once a user is logged into WMS there is a new feature called switch organization that functions to change the application data to the different organization selected without needing to logout and login with a different username and password. A user will only see additional organizations if they belong to more than one organization. To access this feature, click the dropdown in the top-right corner to locate the 'Switch Organization' button and select the organization to change to. The pop-up provided after clicking the 'Switch Organization' button will also have a default user option to change the organization a user is logged into WMS as. The default user will ensure the organization marked as default will be the data shown when logging into WMS.

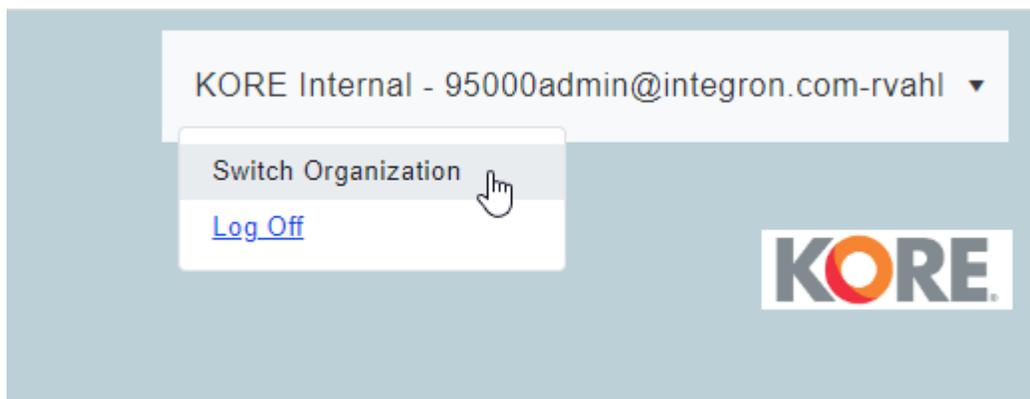


Figure 3

Users can switch between different organizations/users using the 'Switch Organization' icon under the Actions column. A pop-up window will appear to confirm.

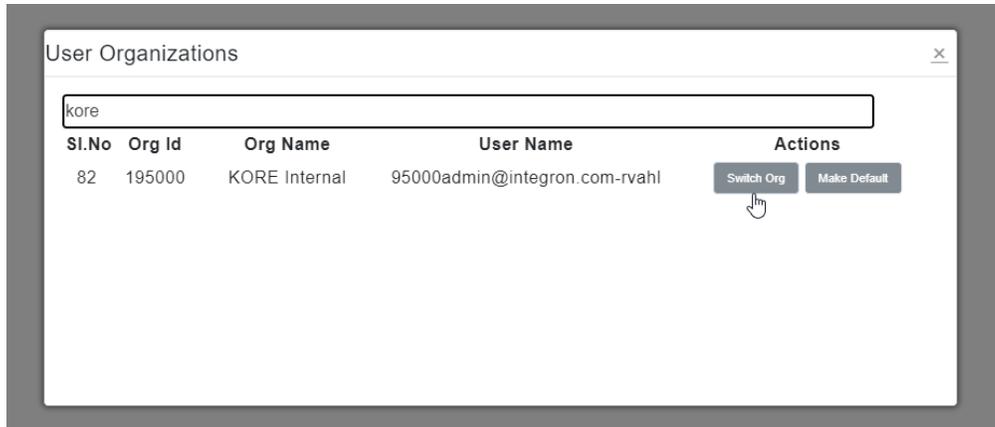


Figure 4

After switching an organization, the changed username and organization will appear in the profile section on top-right corner. WMS will be populated with data belonging to the selected organization.

## DEFAULT USER

If there are multiple usernames associated with a user then when a user logs into WMS the username with the lowest Organization ID (first column in pop-up) will be selected as default.

The user can change/set the default user if they want to login with a particular username. To set the default user to a different username users can select the 'Make Default' button for the row with the desired username.