



# User Manual – CIM Two Factor Authentication



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## *Two Factor Authentication (2FA) - Introduction*

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2FA is a security process in which the user provides two means of identification from separate categories of credentials. The purpose of this utility is to support 2FA for increased security and to protect against cyber threats and security attacks.



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### *First Level Login Validation*

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1. The existing users shall use their existing login credentials..
2. On invoking the application, the user shall be prompted to enter the User Name, Login Password and system generated CAPTCHA.
3. After successful login, the user shall be directed to the 2FA authentication screen.

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### *Second level validation (2FA)*

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This screen shall appear post successful first level login authentication.

1. In case the user is logging in for the first time, user shall be asked to set answers to five random questions from a list of 20 questions.
2. On subsequent login, the user shall be prompted to answer two random questions out of the set five questions.
3. Login to the application shall be permitted on successful two factor authentication.
4. In case the user answers incorrectly, user shall be asked the next two random questions out of the three questions available. In case user still fails to give the right answers, user shall be again prompted to answer two more random questions for the final time.
5. In case the user answers incorrectly on three attempts, the user id shall get disabled. User shall get enabled only after the questions and answers set by the user are reset. Reset can only be performed by NSCCL.
6. Post reset, the user shall be prompted to answer a new set of five questions on re login.



## Steps for setting 2FA

1. Use the existing screen and credentials to Log-in to application.
2. Answer any five out of 20 questions and press 'Submit' button.

Kindly answer any 5 questions for user authentication

What is your grandmothers maiden name?	Which is your sons place of birth?
<input type="text"/>	<input type="text"/>
What is your favorite dessert?	Which company offered your first job?
<input type="text"/>	<input type="text"/>
Which is the vegetable that you hate the most?	Which is the most famous landmark near your home?
<input type="text"/>	<input type="text"/>
What is the brand name of your preferred perfume?	What is the name of the company with which you were previously associated?
<input type="text"/>	<input type="text"/>
In which bank did you open your first savings account?	What is the brand name of your television set?
<input type="text"/>	<input type="text"/>
Which bank offered your first credit card?	Which is your daughters place of birth?
<input type="text"/>	<input type="text"/>
What was the brand name of your first vehicle?	What is the brand name of your first watch?
<input type="text"/>	<input type="text"/>
What is the name of your first child?	With which website is your e-mail id associated?
<input type="text"/>	<input type="text"/>
What is the last name of your family doctor?	What is your height?
<input type="text"/>	<input type="text"/>
Which company offered your first life insurance?	What is your favorite dish ?
<input type="text"/>	<input type="text"/>

*\*A facility shall be available to skip setting up questions for 2FA till NSCCL specified cutoff date. On clicking skip the user shall be directed to existing home page of application.*

3. Answer randomly showed two (out of selected five questions) at subsequent login.

Kindly answer the below questions for user authentication

What is the brand name of your laptop? (Eg: LG, Compaq, etc.)	In which stream did you major in college?
<input type="text"/>	<input type="text"/>

*\*A facility shall be available to skip setting up questions for 2FA till NSCCL specified cutoff date. On clicking skip the user shall be directed to existing home page of application.*