



MEP Builder

Admin Guide

Version 1.0

29 November 2021

Document Change Record

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1.0	31 October 2021	Original
1.0	22 November 2021	Updated with server installation procedures
1.0	19 November 2021	Final Edit

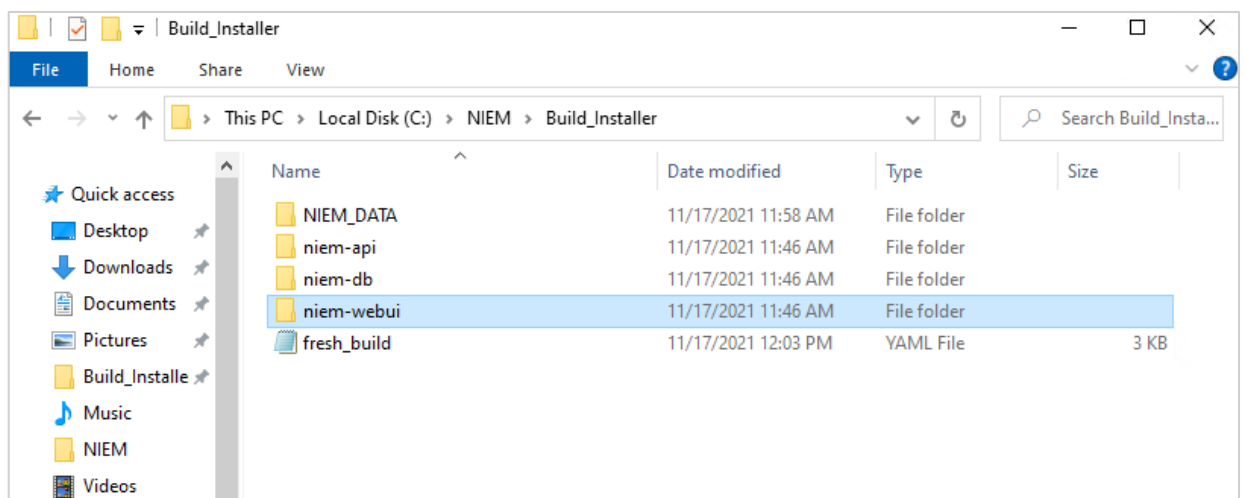
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1 INSTALLATION INSTRUCTIONS

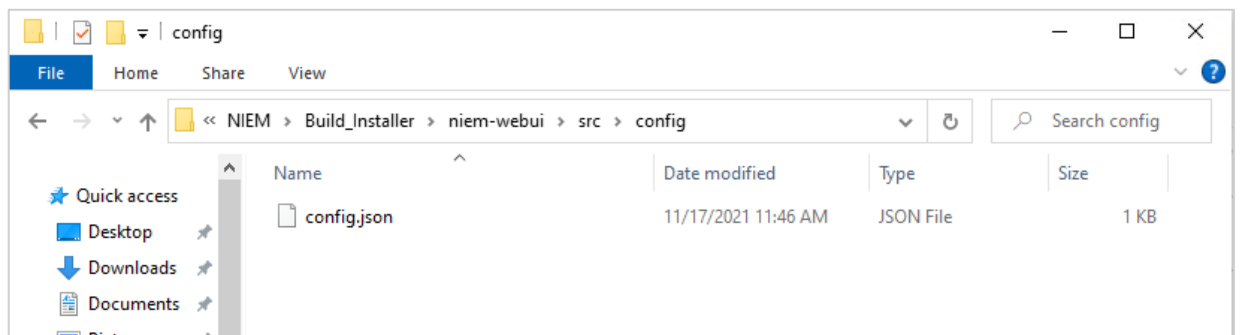
A. Server Deployment Procedures:

1. As a sever admin, follow the Build Installer instructions located in the User Manual Document to install the project on a server.
2. The Build Installer instructions will add the source code for the application in the Build_Installer folder. Navigate to this folder.



3. From this folder location, navigate to:

`\Build_Installer\niem-webui\src\config`



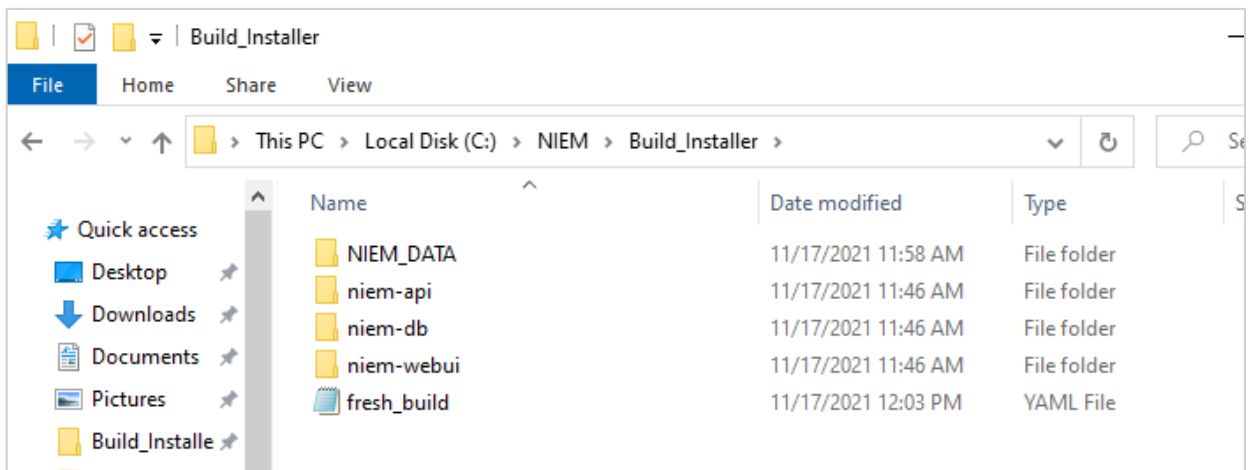
4. Open the config.json file using any text editor application

```
config - Notepad
File Edit Format View Help
{
    "niemReleases": ["3.0", "3.1", "3.2", "4.0", "4.1", "4.2", "5.0"],
    "isStandAloneSys": true
}
```

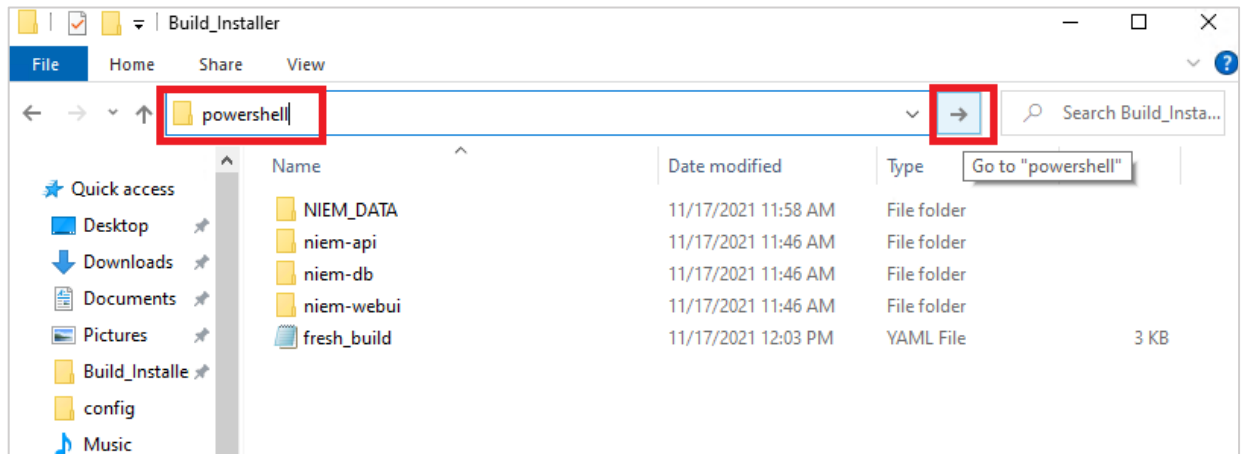
5. See that the value for 'isStandAloneSys' is 'true'...
6. Change the 'true' value to 'false', without quotation marks
 - a. Note – A true value indicates a local/standalone instance of the application that does not require login. A false value indicates a server instance of the application that will require users to have an account and sign-in credentials to access the application.

```
config - Notepad
File Edit Format View Help
{
    "niemReleases": ["3.0", "3.1", "3.2", "4.0", "4.1", "4.2", "5.0"],
    "isStandAloneSys": false
}
```

7. Save and close the config document
8. The application needs to be restarted to apply the new change.
Navigate back to inside the Build_Installer directory.



9. Type 'powershell' in the directory path field and either type 'Enter' on your keyboard or click the arrow to go to powershell.



10. Type or copy/paste the following command:
a. `docker-compose -f fresh_build.yaml down`

```
Select Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\NIEM\Build_Installer> docker-compose -f fresh_build.yaml down
```

11. Click the Enter key on the keyboard to run the above command
12. It will take a few moments for the command to stop and remove all of the containers. It will be finished when you see six 'done' statuses and the directory path as shown in the image below

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\NIEM\Build_Installer> docker-compose -f fresh_build.yaml down
Stopping niem-webui ... done
Stopping niem-api ... done
Stopping mongodb ... done
Removing niem-webui ... done
Removing niem-api ... done
Removing mongodb ... done
Removing network build_installer_niem
PS C:\NIEM\Build_Installer>
```

13. To rebuild, run the following command in powershell:
a. `docker-compose -f fresh_build.yaml up -d --build`

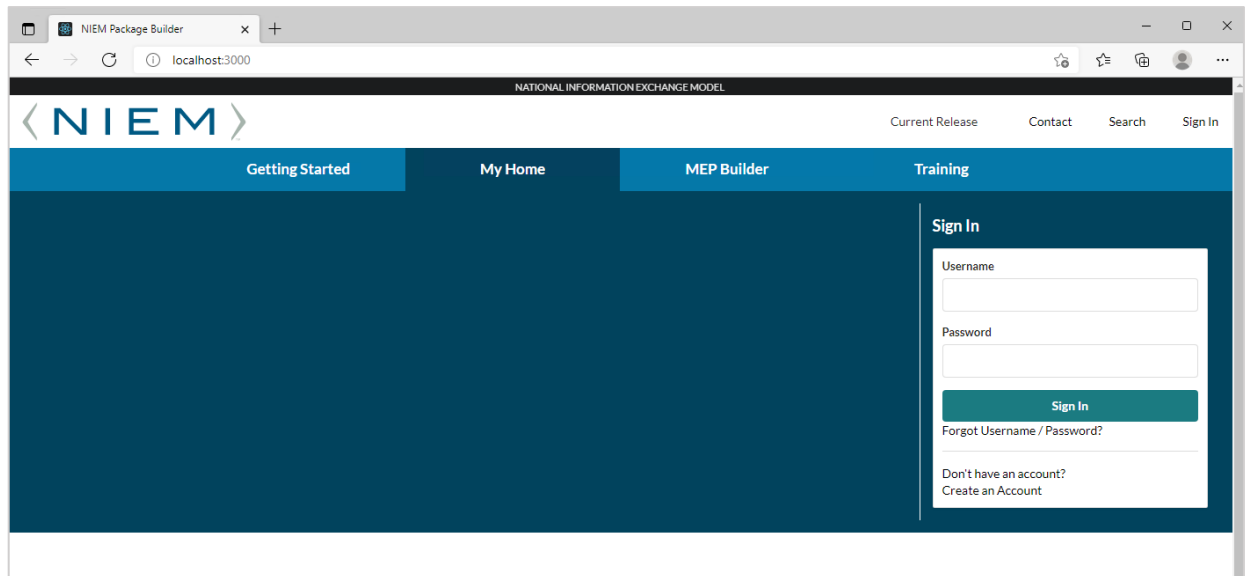
b. Note there are two '-' marks before 'build'

```
Windows PowerShell
PS C:\NIEM\Build_Installer> docker-compose -f fresh_build.yaml up -d --build
Creating network "build-installer-niem" with the default driver
```

14. The rebuilding process will be complete when you see three new 'done' statuses and the directory path as shown at the bottom of the image below

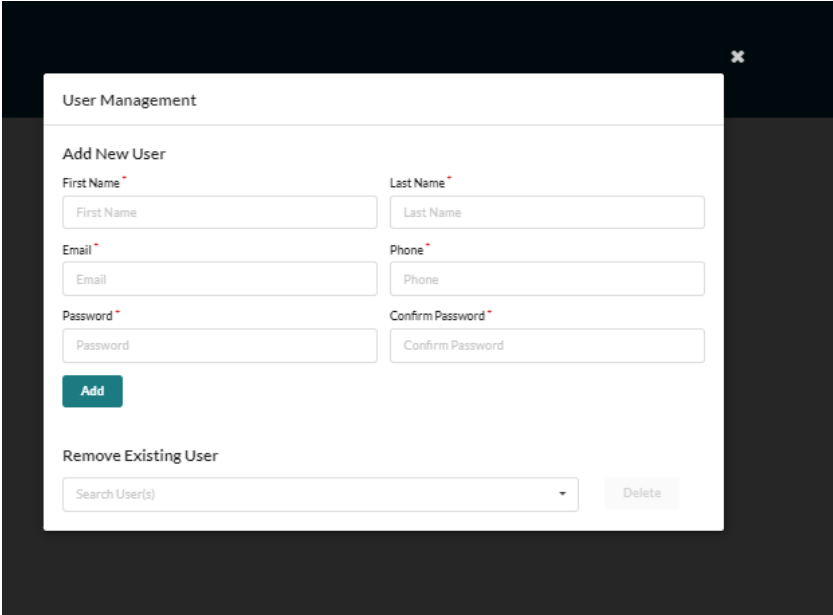
```
Select Windows PowerShell
[+] Building 182.9s (8/11)
[+] Building 183.1s (8/11)
[+] Building 183.2s (8/11)
[+] Building 183.4s (8/11)
[+] Building 208.7s (12/12) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 32B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/node:latest 1.2s
=> [internal] load build context 0.1s
=> => transferring context: 5.35kB 0.1s
=> CACHED [1/7] FROM docker.io/library/node@sha256:22f1866405ad50bb1d141739596ba803aed073d618ab2ae6d5e66aedcf926 0.0s
=> => resolve docker.io/library/node@sha256:22f1866405ad50bb1d141739596ba803aed073d618ab2ae6d5e66aedcf9261b5 0.0s
=> [2/7] COPY . /niem-webui 0.2s
=> [3/7] WORKDIR /niem-webui 0.1s
=> [4/7] RUN npm install -g npm@6.14.11 22.0s
=> [5/7] RUN npm install 161.3s
=> [6/7] RUN echo "npm start" > startup.sh 0.7s
=> [7/7] RUN chmod +x startup.sh 0.7s
=> exporting to image 21.2s
=> => exporting layers 21.2s
=> => writing image sha256:79213ce17e47706cbf89d923eed9cafd35da9f3abfc4c4a2ec6cc9bfadb9d177 0.0s
=> => naming to docker.io/library/niem-webui 0.0s
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
Creating mongodb ... done
Creating niem-api ... done
Creating niem-webui ... done
PS C:\NIEM\Build_Installer>
```

15. In the browser, refresh the page or navigate to localhost:3000. The application will now present the server instance that will require the user to sign in for access



2 ADD OR REMOVE USERS (SYSADMIN ONLY ACCESS)

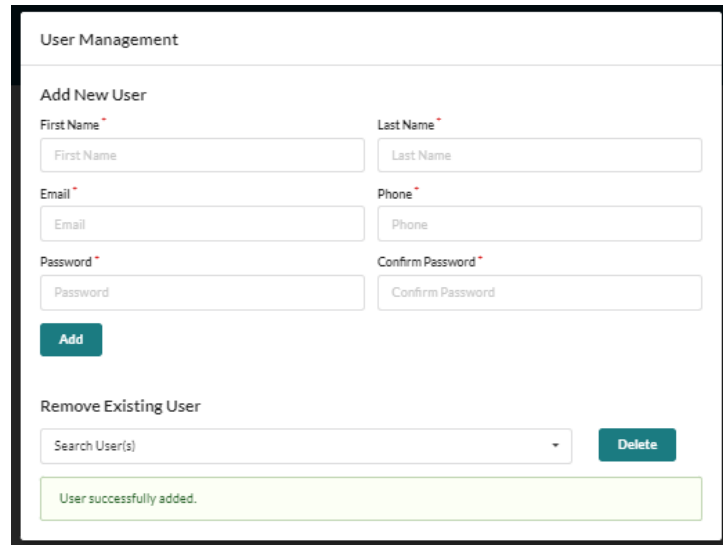
- A. Log in using supplied admin credentials.
- B. Local policy will dictate how required information will be provided to SysAdmin for account creation and removal. After login and required user information is provided, add/remove user accounts using the following procedures:
- C. Upon login a pop-up modal will be available to Add and/or remove user accounts with the following required fields. (Note: See Figure 2.1)
 - First Name*
 - Last Name*
 - Email*
 - Phone*
 - Password*
 - Password Confirm* (i.e. the standard enter the same password again)

A screenshot of a 'User Management' modal window. The modal has a title bar with a close button (X). It is divided into two main sections. The top section is titled 'Add New User' and contains six input fields arranged in two columns: 'First Name', 'Last Name', 'Email', 'Phone', 'Password', and 'Confirm Password'. Each field has a red asterisk indicating it is required. Below these fields is a green 'Add' button. The bottom section is titled 'Remove Existing User' and contains a search input field labeled 'Search User(s)' with a dropdown arrow, and a grey 'Delete' button to its right.

(Figure 2.1)

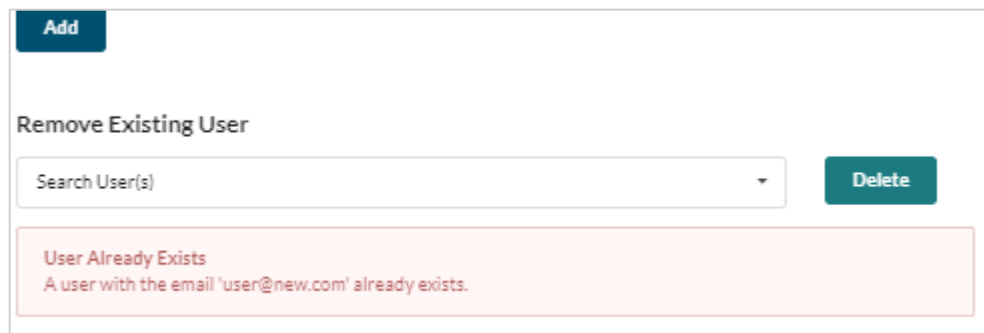
- D. After filling in the required fields, click “**Add**” and a confirmation will render if the add was successful. See Figure 2.2 on the next page.

-
- E. If you attempt to enter an email address that is a duplicate of an existing email address, the system will provide a “failure notification.” See Figure 2.3 on the next page.



The screenshot shows a 'User Management' interface. At the top, there's a section titled 'Add New User' with four input fields: 'First Name', 'Last Name', 'Email', and 'Phone'. Below these are 'Password' and 'Confirm Password' fields. A green 'Add' button is positioned below the password fields. Below the 'Add' button is a section titled 'Remove Existing User' with a search box labeled 'Search User(s)' and a green 'Delete' button. At the bottom, a green notification box states 'User successfully added.'

(Figure 2.2)



This screenshot shows a portion of the 'User Management' interface. It includes the 'Remove Existing User' section with the 'Search User(s)' box and the 'Delete' button. Below this, a red notification box displays the message: 'User Already Exists' followed by 'A user with the email 'user@new.com' already exists.'

(Figure 2.3)

- F. Removing Users. To remove a user or multiple users is accomplished by entering username in the **Remove Existing User** search box. Figure 2.4

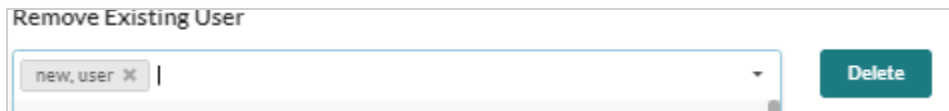


Remove Existing User

Search User(s) ▼ Delete

(Figure 2.4)

- Once a user has been located via the search, clicking on the name or names will place that user in the box with an “X”. To remove click the Delete button. See Figure 2.5

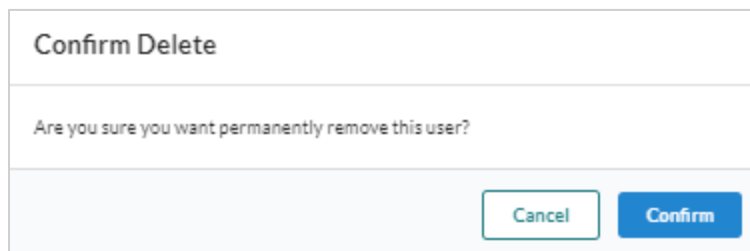


Remove Existing User

new, user X ▼ Delete

(Figure 2.5)

- After clicking the delete button, a pop-up notification will ask you to confirm the action. (See Figure 2.6)

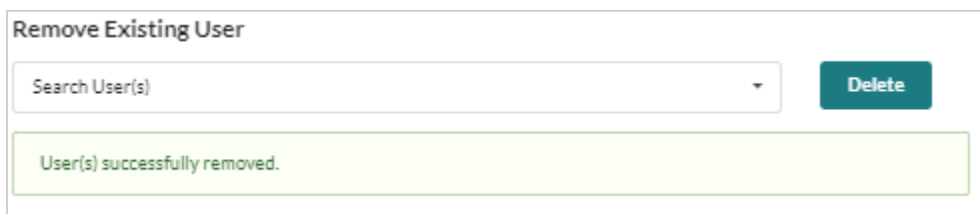


Confirm Delete

Are you sure you want permanently remove this user?

Cancel Confirm

- A green notification will notify you that the delete was successful. See Figure 2.7



Remove Existing User

Search User(s) ▼ Delete

User(s) successfully removed.

(Figure 2.7)
