Installation:

For installing Wiki.js, the following guide was used, provided in this link:
https://docs-legacy.requarks.io/wiki/install

Wiki.js is installed in directory: *var/www/wiki*

Configuration:

After installation , configuration is required first before running the wiki.js server. Configuration is required in 2 places:
1- Apache - httpd config
2- Wiki's config file

Httpd Config:

Location : ***etc/httpd/conf/httpd.conf***
A reverse proxy rule needs to be added into the Apache's configuration to direct the traffic for wiki to the wiki.js server on a specific port. In OBA application, wiki.js is determined to run on port 3001.
Note : For any changes made to this file, requires httpd service to be restarted using `sudo systemctl restart httpd.service`

Wiki Config

Location: ***/var/www/wiki/config.yml***
Host address i.e. that url of the wiki application and port number needs to be specified here.
After saving, run `sudo node wiki configuration 3001` , to start wiki server configuration.

If the above 2 configurations are done correctly, accessing wiki.ursse.org will display wiki.js' configuration wizard which will walk you through the set up.

First Attempt:

 Httpd config set to access wiki inside a sub-directory i.e URI was www.maciag.ursse.org/wiki .
This initially showed some success but quickly failed as wiki.js routes do not resolve correctly. Wiki.js is explicitly designed to be access with a dedicated subdomain.

Second Attempt:

After adding a new subdomain wiki.ursse.org, update config.yml for wiki.js and set up a virtual host in httpd.conf file with a proxy pass to direct all traffic for wiki.ursse.org to port 3001 instead of default port 80.

The problem we are currently having is that wiki.ursse.org is not pointing to port 3001 , despite of our configurations in httpd.conf file

The following sets of configurations have been tried to direct traffic to port 3001:

*<VirtualHost *:80>*
   DocumentRoot "/var/www"
   ServerName "wiki.ursse.org"
   ServerAlias "www.wiki.ursse.org"
RewriteEngine on
RewriteCond %{SERVER_NAME} =wiki.ursse.org [OR]
RewriteCond %{SERVER_NAME} =www.wiki.ursse.org
RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI} [END,NE,R=permanent]
ProxyPreserveHost On
*<Proxy *>*
 Order allow,deny
 Allow from all
</Proxy>
ProxyPass www.wiki.ursse.org http://localhost:3001/
ProxyPassReverse www.wiki.ursse.org http://localhost:3001/
</VirtualHost>

Plan B

<VirtualHost *:3001>
   DocumentRoot "/var/www"
   ServerName "wiki.ursse.org"
   ServerAlias "www.wiki.ursse.org"
RewriteEngine on
RewriteCond %{SERVER_NAME} =wiki.ursse.org [OR]
RewriteCond %{SERVER_NAME} =www.wiki.ursse.org
RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI} [END,NE,R=permanent]
ProxyPreserveHost On
<Proxy *>
Order allow,deny
 Allow from all
</Proxy>
ProxyPass www.wiki.ursse.org http://localhost:3001/
ProxyPassReverse www.wiki.ursse.org http://localhost:3001/
</VirtualHost>

Plan C

<VirtualHost *:3001>
   DocumentRoot "/var/www"
   ServerName "wiki.ursse.org"
   ServerAlias "www.wiki.ursse.org"
RewriteEngine on

```
RewriteCond %{SERVER_NAME} =wiki.ursse.org [OR]
RewriteCond %{SERVER_NAME} =www.wiki.ursse.org
RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI} [END,NE,R=permanent]

ProxyPreserveHost On
<Proxy *>
Order allow,deny
 Allow from all
</Proxy>
ProxyPass / http://localhost:3001/
ProxyPassReverse / http://localhost:3001/
</VirtualHost>
```

However none of these configuration appear to take effect and all traffic to wiki.ursse.org is directed to port 80.