

How to Deploy Project Progress Application in Enterprise Server?

For Windows 10 or 11 follow step 1.

Step 1. Download and install docker-desktop for Windows from

<https://www.docker.com/products/docker-desktop>

During installation, make sure Enable Hyper-V feature is selected, and click OK to complete the installation process and restart your computer.

For Windows Server 2019 follow the instructions given in the link

<https://www.virtualizationhowto.com/2020/12/install-docker-in-windows-server-2019/>

For Windows Server 2022 follow the instructions given in the link

<https://www.virtualizationhowto.com/2022/09/install-docker-on-windows-server-2022/>

How to Install docker using power shell in Windows Server 2019 /2022?

Run the following commands in PowerShell to install docker in Windows Server 2019 /2022

Step 1.1:

Install-WindowsFeature -Name 'Containers'

Step 1.2:

Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Hyper-V -All -NoRestart

Install-WindowsFeature RSAT-Hyper-V-Tools -IncludeAllSubFeature Step 1.3:

Restart-Computer -force

Step 1.4:

Install-Module -Name DockerMsftProvider -Repository PSGallery -Force

Select "Yes", if you see any popup.

Step 1.5:

Install-Package -Name docker -ProviderName DockerMsftProvider

Select "Yes to All", if you see any popup. Step 1.6: Restart-

Computer -force

NOTE : *Step 2 needs to be executed only in Windows 10 and 11*

Step 2: After successful installation, go to Docker properties and click "Switch to Windows containers".

Step 3: Setup the running environment for containerized applications.

NOTE: Make sure you have logged in to your Docker account before executing the following commands.

3.1 Download Docker images from Docker Hub by running the following commands in Windows power shell.

Docker pull relgonetworks/roc2022:latest

Docker pull relgonetworks/relationsnetlive2022:latest

Docker pull relgonetworks/ocl2022:latest

Docker pull relgonetworks/projectprogresslive2022:latest

Administrator: Windows PowerShell

```
PS C:\> docker pull relgonetworks/roc:latest
latest: Pulling from relgonetworks/roc
4612f6d0b889: Already exists
c67ded6868b6: Already exists
acfd20817b94: Already exists
19b521ca6db2: Already exists
4784b611501d: Already exists
43dad267b59c: Already exists
9c87cbd198cc: Already exists
dd7883b11a55: Already exists
5f1c01609b3b: Already exists
578095460f76: Already exists
61401d5a3fd7: Already exists
7fea73f74001: Extracting [=====] 279.7MB/279.7MB
dd41101d8279: Download complete
db2b9dd69fe4: Download complete
15c2098af6f7: Download complete
5c7ef6aed335: Download complete
```

Once you have completed the downloading docker hub image then go to docker setup to check the images are showing or not.

Docker Desktop [Upgrade plan](#)

Containers Images Volumes Dev Environments [BETA](#)

Extensions [BETA](#) Add Extensions

Images on disk 17 images Total size: 39.9 GB [Clean up...](#)

Images [Give feedback](#)

LOCAL REMOTE REPOSITORIES

relgonetworks/academics	latest	a1c8f98bd0b8	8 months ago	8.97 GB
relgonetworks/dcl	1.1	4be9cd554e8f	about 1 year ago	14.49 GB
relgonetworks/ocl	1.1	4ae3f82ce579	about 1 year ago	14.49 GB
relgonetworks/ras	latest	c1a194f9b042	5 months ago	8.92 GB
relgonetworks/relationsnetdev	latest	53ae828f569f	about 1 month ago	8.73 GB
relgonetworks/relationsnetlive	latest	2f095aad20d3	about 1 month ago	8.73 GB
relgonetworks/relgoappsdev	latest	2bc5c27385bc	18 days ago	8.95 GB
relgonetworks/relgoappsive	latest	ea497a56ef3d	18 days ago	8.95 GB
relgonetworks/rnc	1.1	e80b41a5a252	10 months ago	9.47 GB
relgonetworks/roc	latest	de25a74bc02f	5 months ago	9.2 GB

3.2 Create a “temp” folder in your system C-drive. Make sure the below database have to be in the temp folder.

Download OCLDB.mdf zip file from the following URL. Extract OCLDB.mdf from the downloaded zip file and copy it to the temp folder in the C drive

[https://relgo.com/Resources/@Bizcenter\\$a3dc029a-0e2e-4bf8-a305-c8c8b7719002-OCLDB_1.2.zip](https://relgo.com/Resources/@Bizcenter$a3dc029a-0e2e-4bf8-a305-c8c8b7719002-OCLDB_1.2.zip)

Download OCLDB_log.ldf zip file from the following URL. Extract OCLDB_log.ldf from downloaded zip file and copy it to the temp folder in the C drive

[https://relgo.com/Resources/@Bizcenter\\$41a0c4da-748d-43a9-a9d6-0ce0c9fc0b04-OCLDB_log_1.2.zip](https://relgo.com/Resources/@Bizcenter$41a0c4da-748d-43a9-a9d6-0ce0c9fc0b04-OCLDB_log_1.2.zip)

Open Windows PowerShell and run the following commands one by one.

3.3 docker network create --driver=nat --subnet=172.28.0.0/24 --gateway=172.28.0.1 relgonet

3.4 docker run -d --name "OCL" --net=relgonet --ip=172.28.0.21 -p 1433:1433 -v C:/temp/:C:/temp/ -e MSSQL_SA_PASSWORD=Relgo123** -e ACCEPT_EULA=Y -e attach_dbs="[{'dbName':'OCL','dbFiles':['C:\\temp\\ocldb.mdf','C:\\temp\\ocldb_log.ldf']}]"

relgonetworks/ocl2022:latest

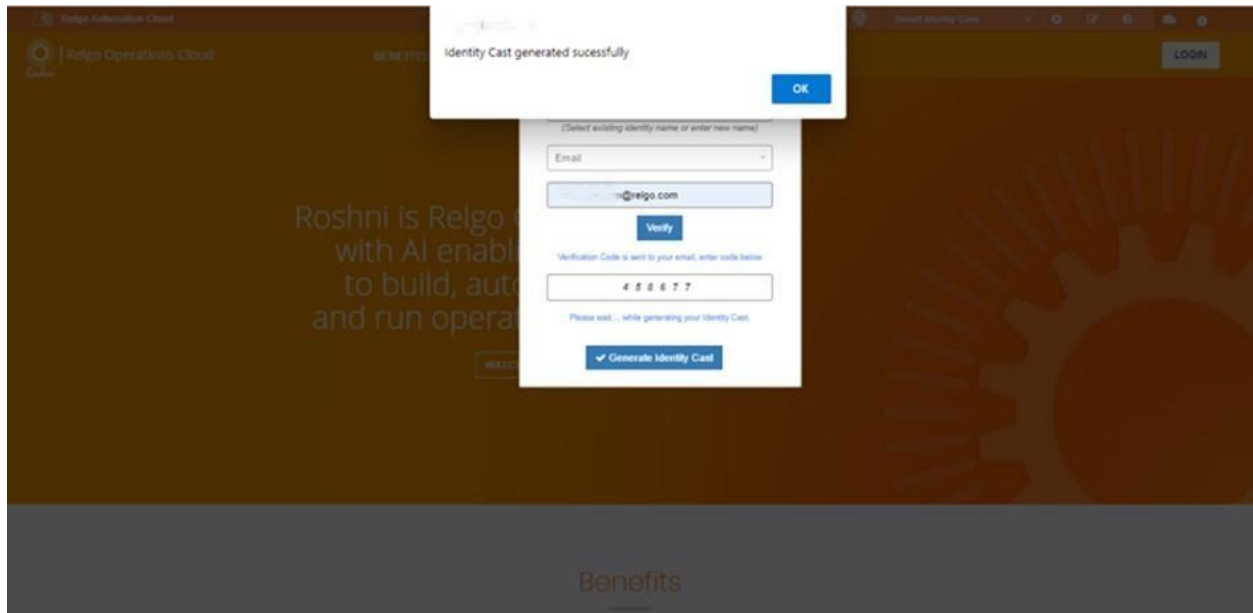
3.5 docker run -d --name "RelationsNetLive" -m 2GB --cpus="1" --net=relgonet --ip=172.28.0.16 -p 9016:80 relgonetworks/relationsnetlive2022:latest

3.6 docker run -d --name "ROC" --net=relgonet --ip=172.28.0.2 -p 9254:80 relgonetworks/roc:latest

3.7 docker run -d --name "ProjectProgressLive" --net=relgonet --ip=172.28.0.26 -p 9026:80 relgonetworks/projectprogresslive2022:latest

After successful execution of above commands now you can access Relgo Solution Portal website from your browser by typing <http://172.28.0.13>

****Note :** Now, you can create a token by validating your email address and select token to login to Your Solution Portal website and complete basic installations.



NOTE: FOLLOW STEP 4 INSTRUCTIONS, IF YOU DO NOT HAVE PUBLIC ACCESS TO RelationsNet URL

STEP 4: NOTE: TO DEPLOY THE APPLICATION PACKAGE FROM RELGO CLOUD, WE NEED TO ENABLE “RELATIONS NET URL” PUBLIC ACCESSIBLE.

How to make your IP publicly accessible?

Here I will use the port forwarding technique to make your IP publicly accessible.

Step 4.1: Login to <http://portmap.io> or register yourself if you do not have an account.

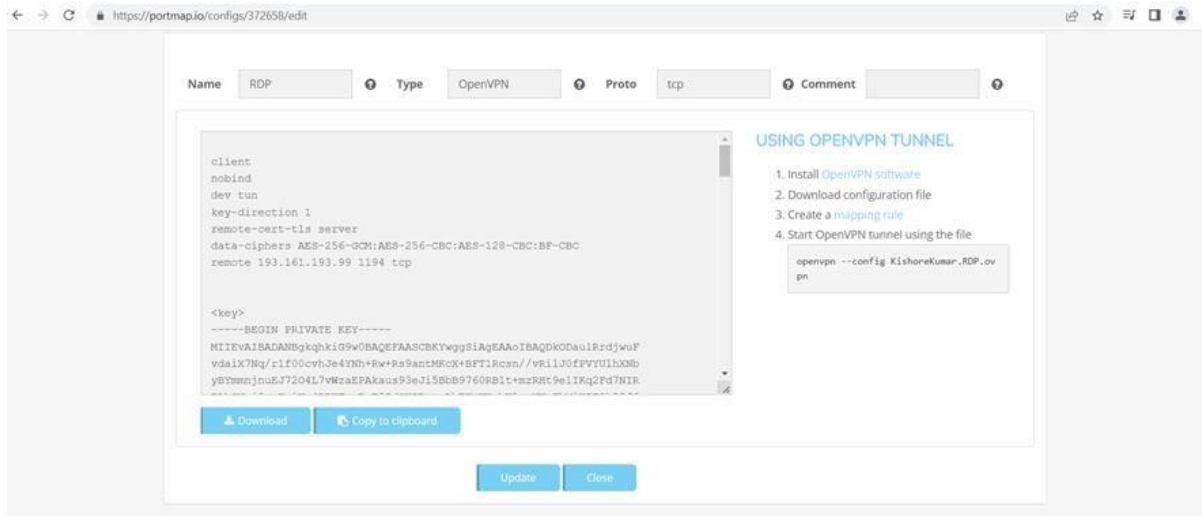
Step 4.2: After logging in, go to Configurations and create a new configuration as below.

Name: As per your choice, like "RDP."

Type: OpenVPN (We are going to OpenVPN configuration settings to enable public access to the RelationsNet URL.

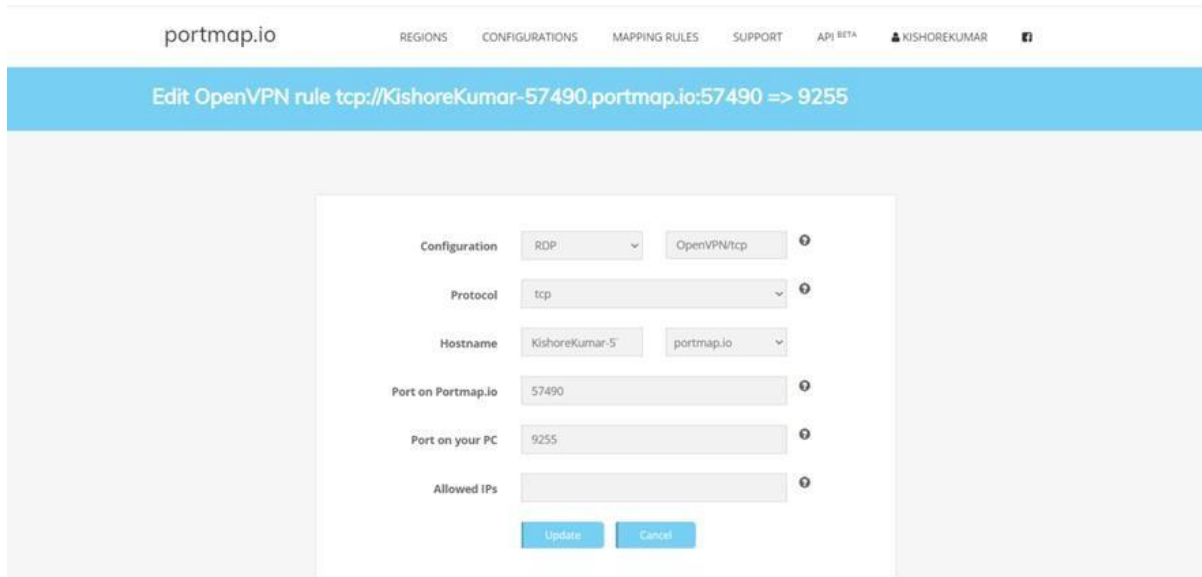
Port: TCP

Click on the Generate button, which will generate an OpenVPN configuration file and download the same to your system.



Step 4.3: Now go to MAPPING RULE and click on “Create New Rule”.

There is no need to change the default data. Just give the port on your PC as “9255” or the port number you have given during the RelationsNet docker container creation.



Step 4.5: Now you just run OpenVPN software and select the OpenVPN configuration file. If you have not already done so, you must install Open VPN software.

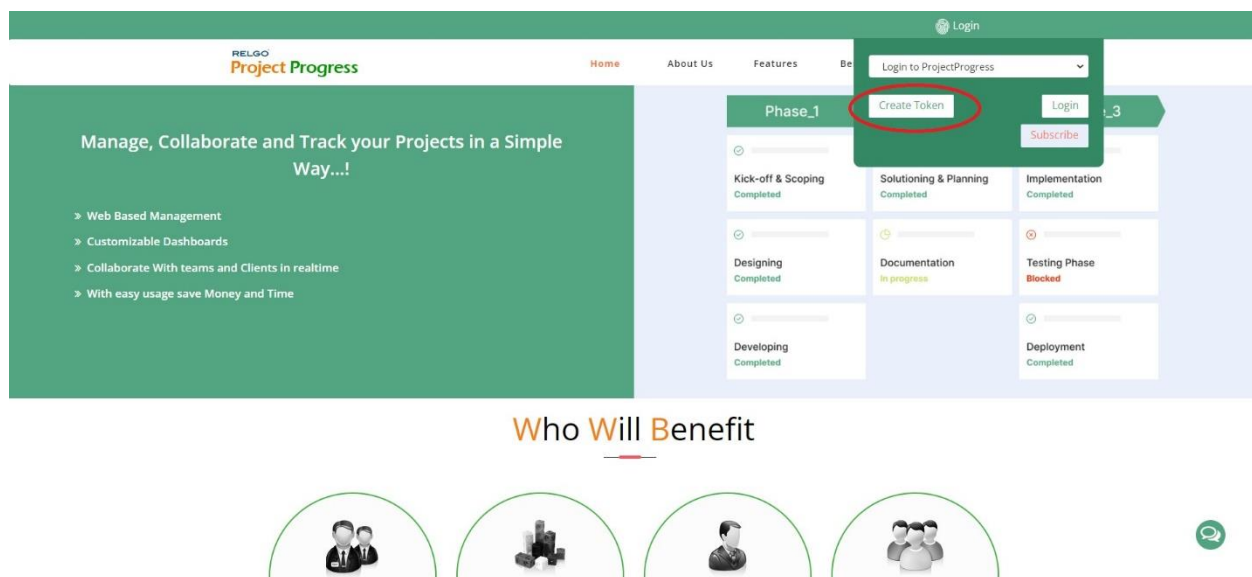
<https://openvpn.net/community-downloads/>

Now you should be able to access your relations net URL from anywhere through the system browser.

REFERENCE: <https://www.youtube.com/watch?v=YE2L0uT153w>

❖ Project Progress License Enforcement

- After completing the deployment setup you have login to **PROJECT PROGRESS** with respective port id.
- Initially you have create a new token with your respected login credentials



- You need to have the valid license key use this web site for that you have purchase the Project Progress Enterprise Application from

<https://relgo.com/CloudStore.aspx?type=MultiplePurchase&vendor=itadministrator@relgo.com&id=relgostore@31a6129b-4b28-449e-b51d-025e0893f47c.4e4911e2-d6c8-4cc5-8fce-007356b3ba53.relgo.com>

Categories	X
Consultancy Services	>
Devices	>
Digital Currency	>
Enterprise Application Licenses	>
Tools Enterprise Licenses	>
Tools SaaS Licenses	>

Project Progress Enterprise



Description

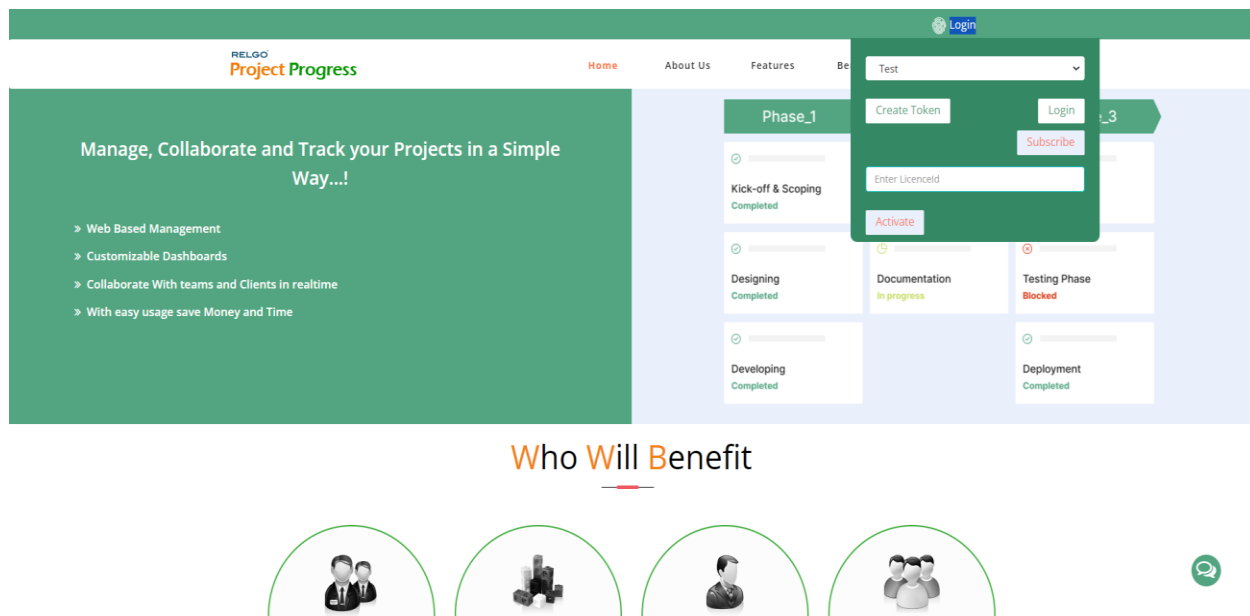
Project management is a tool to plan, organize, and manage resource tools and develop resource estimates. Relgo Project Progress, a new generation Project Management tool can manage estimation and planning, scheduling, Task and Sub Task creation and Resource Mapping, cost control and budget management, Collaboration. With real time Collaboration and communication, decision-making is made easy for smooth progress of the project/s. You can monitor multiple projects and integrate with your inventory for quick results

Available Packs

- ☐ **Project Progress**
12800 Anas (80000 INR)

Add to Cart

- Once you complete the Purchase you can able generate license key.
- Once you have valid license key you have to activate the key clicking on **SUBSCRIBE** button then you can able see an textbox to enter key and click on **ACTIVATE** button.



- Once the key activated you can login in to your account with your credentials.
- Then page after you login be as below:

Dashboard

Resource Graph

Customer Wise Projects

Search By

Zones

Start Year

End Year

Project Type

Status

Location

Filter

Current Projects :



Project Details

10 records per page

Search by Project Name or Customer

GO

Project Name	Start Date	End Date	Completed %	Progress	Last Update	Status	Delay
AIG	10/24/2023	01/01/0001	0	0.00 View	-	YetToStart	0
AIG-3	10/28/2023	01/01/0001	0	0.00 View	-	YetToStart	0
AIG-4	10/30/2023	01/01/0001	0	0.00 View	-	YetToStart	0
BSS	11/21/2023	01/01/0001	0	0.00 View	-	YetToStart	0
Project Progress	09/26/2023	10/12/2023	0	0.00 View	-	YetToStart	0
Project Project Project	09/27/2023	10/07/2023	0	0.00 View	-	YetToStart	0

Showing 1 to 6 of 6 entries

Previous 1 Next

Tasks

Task Name	Project	Start Date	End Date	Planned %	Completed %	Fill
No Tasks Available						

Previous Next

Notifications