



ITS Product  
Guides

INFO TECHNOLOGY SUPPLY LTD.

---

# Linux Installation Procedure for DocSlide

---

# Contents

|                                                                                                                            |    |
|----------------------------------------------------------------------------------------------------------------------------|----|
| Contents .....                                                                                                             | 2  |
| Requirements .....                                                                                                         | 3  |
| Operating System .....                                                                                                     | 3  |
| Components.....                                                                                                            | 3  |
| Firewall and Network.....                                                                                                  | 3  |
| Certificate.....                                                                                                           | 3  |
| Installation Procedure .....                                                                                               | 4  |
| Installation of Microsoft Net Core (depends on distribution, below description valid for<br>Ubuntu Server 18.04 LTS) ..... | 4  |
| Preparing the System.....                                                                                                  | 4  |
| Installation of DocSlide Application.....                                                                                  | 4  |
| Admin Account Setup.....                                                                                                   | 6  |
| Web Server Configuration .....                                                                                             | 6  |
| Authentication Type.....                                                                                                   | 7  |
| Eula confirmation.....                                                                                                     | 7  |
| Here you need to read DocSlide Eula and confirm that you agree with it.....                                                | 7  |
| License Activation .....                                                                                                   | 7  |
| Language Selection.....                                                                                                    | 8  |
| Restart DocSlide Service.....                                                                                              | 8  |
| Logging On to the DocSlide Admin Portal .....                                                                              | 9  |
| Backup and Recovery .....                                                                                                  | 10 |

# Requirements

## Operating System

- Linux distribution supported by .NET Core 3.1 (list on <https://docs.microsoft.com/en-us/dotnet/core/install/linux>)
- 40 GB of hard driver
- 4 GB of ram

## Components

- You will need to download and install dotnet-runtime-6.0.x and aspnetcore-runtime- 6.0.x.
- A Link to the package is provided below:

<https://docs.microsoft.com/en-us/dotnet/core/install/linux>

## Firewall and Network

- You need to open on your firewall and network port 12120.

## Certificate

- If you want to run the DocSlide portal using HTTPS, the administrator needs to create a certificate for the server's DNS name and upload it for further use.

# Installation Procedure

Installation of Microsoft Net Core (depends on distribution, below description valid for Ubuntu Server 18.04 LTS)

1. Add Microsoft signing keys into trusted keys store:

```
wget  
https://packages.microsoft.com/config/ubuntu/18.04/packages-  
microsoft-prod.deb -O packages-microsoft-prod.deb  
  
sudo dpkg -i packages-microsoft-prod.deb
```

2. Update package list with root privileges

```
sudo apt-get update
```

3. Install package allowing HTTPS transport of updates for apt:

```
sudo apt-get install -y apt-transport-https
```

4. Update package list with root privileges one again

```
sudo apt-get update
```

5. Install required packages:

```
sudo apt-get install -y dotnet-runtime-6.0.x  
sudo apt-get install -y aspnetcore-runtime-6.0.x
```

## Preparing the System

1. Add *docslide* user with home folder in */opt/docslide*

```
useradd -m -d /opt/docslide docslide
```

2. Install zip package (for convenience)

```
sudo apt-get install zip
```

folder is preferred, any changes may result in need of manual changes in *docslide.service*

## Installation of DocSlide Application

1. Copy Docslide archive to home folder of docslide user (ex. using scp, from Windows PowerShell)
2. Switch to docslide user to perform extraction of the archive.

```
sudo su - docslide
```

3. Extract archive into home folder of docslide user and add executable attribute to qlp.ScanService file:

```
unzip DocSlide_<version>_linux-x64.zip  
chmod +x qlp.ScanService
```

4. Logout from docslide user's context

```
exit
```

5. Create SystemD service by copying docslide.service file to /etc/systemd/system

```
sudo cp /opt/docslide/docslide.service /etc/systemd/system
```

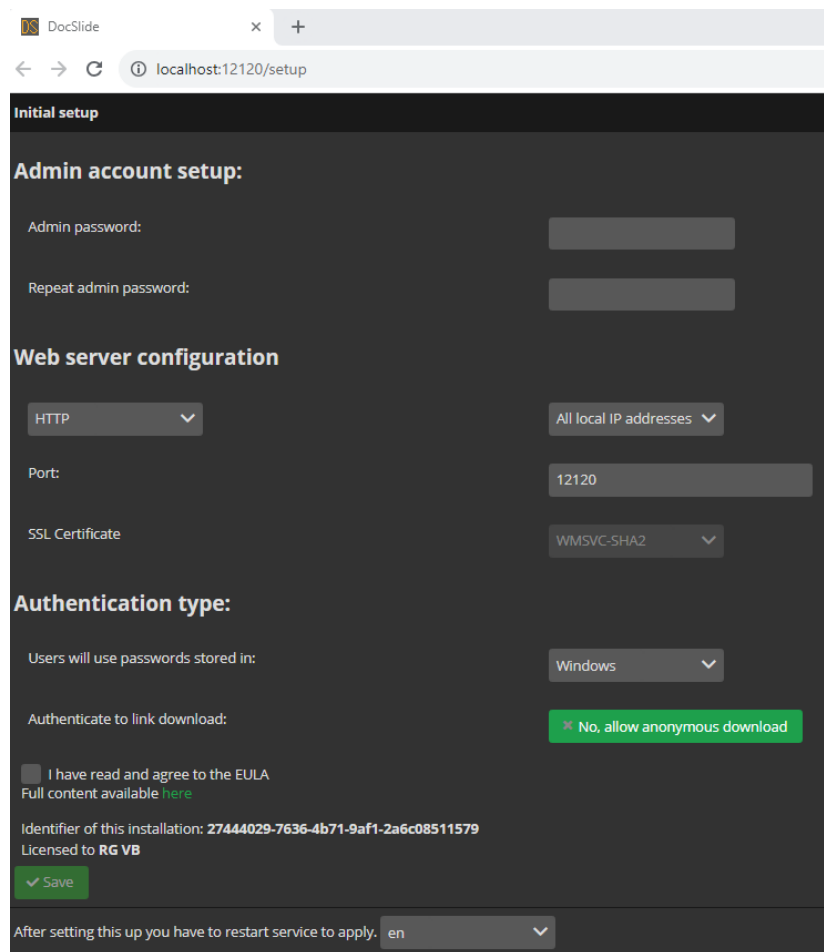
6. Refresh SystemD service daemon, enable and start daemon

```
sudo systemctl daemon-reload  
sudo systemctl enable docslide.service  
sudo service docslide start
```

7. Check that daemon is running with:

```
sudo service docslide status
```

8. Go to browser and open the DocSlide initial wizard: [http://<server\\_ip>:12120](http://<server_ip>:12120)



The screenshot shows the 'Initial setup' page of the DocSlide application in a web browser. The browser tab is labeled 'DocSlide' and the address bar shows 'localhost:12120/setup'. The page has a dark theme and is divided into several sections:

- Admin account setup:** Contains two password input fields labeled 'Admin password:' and 'Repeat admin password:'.
- Web server configuration:** Includes a dropdown menu for 'HTTP' (set to 'HTTP'), a dropdown for 'All local IP addresses', a 'Port:' field set to '12120', and an 'SSL Certificate' dropdown set to 'WMSVC-SHA2'.
- Authentication type:** Includes a dropdown for 'Users will use passwords stored in:' set to 'Windows', and a green button labeled 'No, allow anonymous download' next to the 'Authenticate to link download:' label.
- Footer/Bottom:** A checkbox for 'I have read and agree to the EULA' with a link 'Full content available here', an installation identifier '27444029-7636-4b71-9af1-2a6c08511579', a license 'Licensed to RG VB', a green 'Save' button, and a language dropdown set to 'en'.

## Admin Account Setup

Here you can set password for admin account

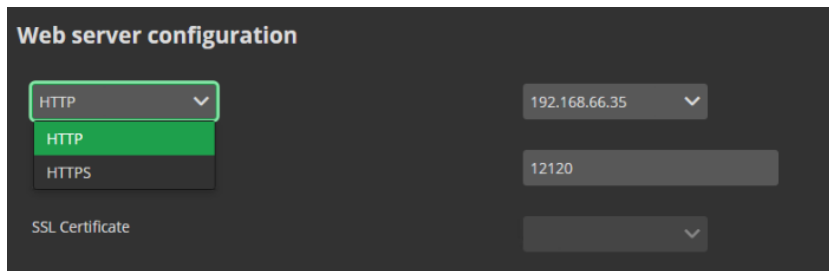


This image is a close-up of the 'Admin account setup' section from the previous screenshot. It shows the 'Admin password:' and 'Repeat admin password:' labels with their respective input fields. The 'Repeat admin password:' field is highlighted with a green border.

## Web Server Configuration

Here you can set or use:

- How portal will be available via http or https
- IP address which DocSlide will use if there are more than one
- Port number which DocSlide will use
- Certificate of the server for https communication (need to be create before by admin for DNS name of the server)



**Web server configuration**

HTTP (selected) | 192.168.66.35 (selected)

HTTP | 12120

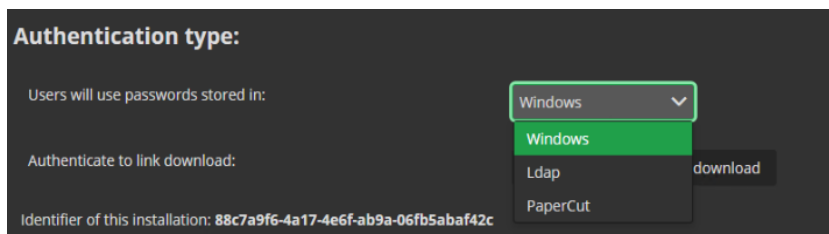
HTTPS

SSL Certificate

## Authentication Type

Here you can set, from where DocSlide will check passwords for user's authentication. In case of Windows – Integrated Windows Authentication will be used:

- Windows
- LDAP
- PaperCut



**Authentication type:**

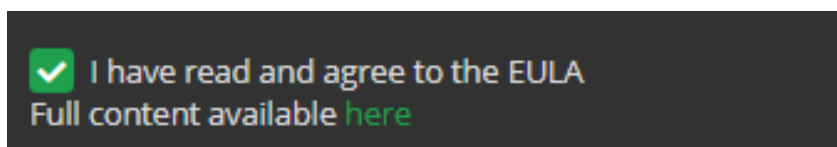
Users will use passwords stored in: Windows (selected)

Authenticate to link download: Windows (selected) | download

Identifier of this installation: 88c7a9f6-4a17-4e6f-ab9a-06fb5abaf42c

## Eula confirmation

Here you need to read DocSlide Eula and confirm that you agree with it.

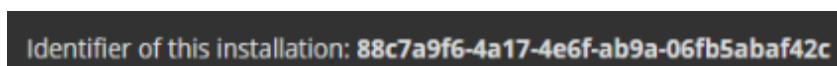


☒ I have read and agree to the EULA

Full content available [here](#)

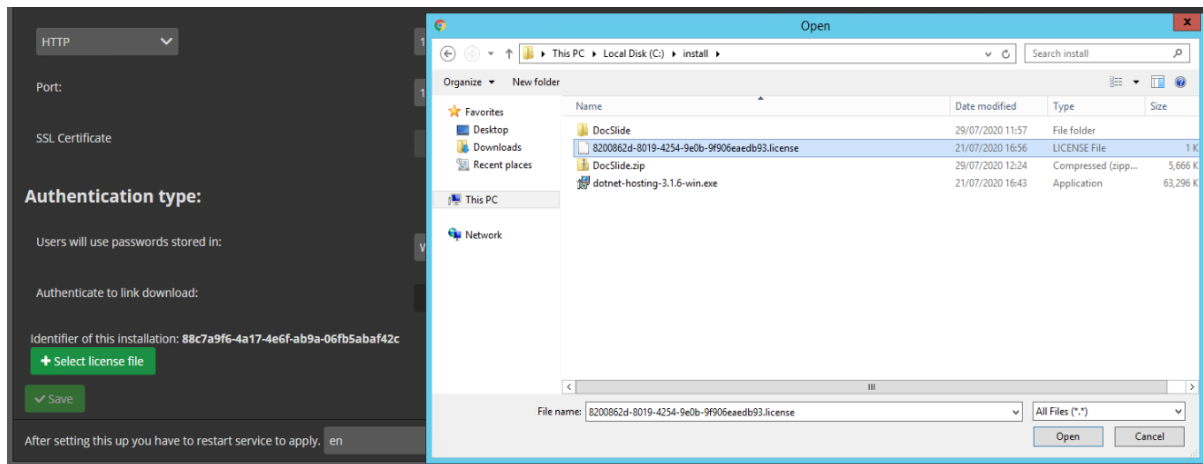
## License Activation

Copy the server guide and send it via email at EMAIL ADDRESS ITS for license generation. An example guide is shown below:



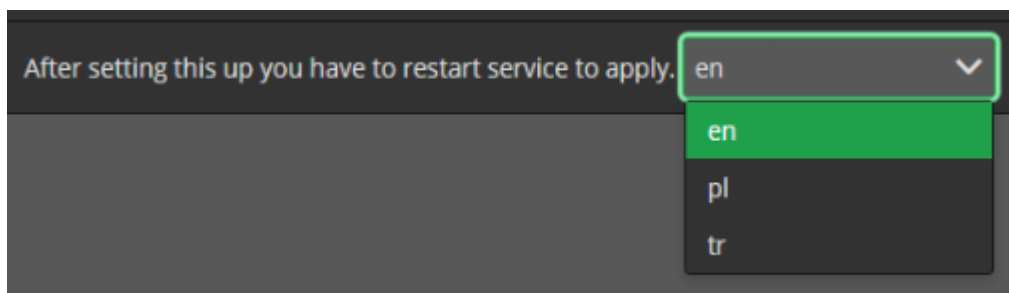
Identifier of this installation: 88c7a9f6-4a17-4e6f-ab9a-06fb5abaf42c

When you will shortly receive your licence file, select it and save in any folder. After that you need to select it via installation wizard and save it.



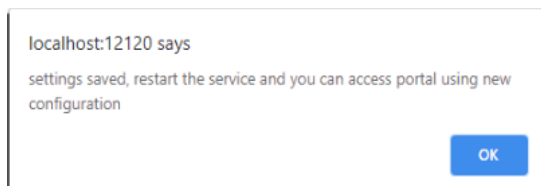
## Language Selection

You select language



## Restart DocSlide Service

After pressing save you need to restart DocSlide daemon by running commands:



```
sudo service docslide stop  
sudo service docslide start
```

# Logging On to the DocSlide Admin Portal

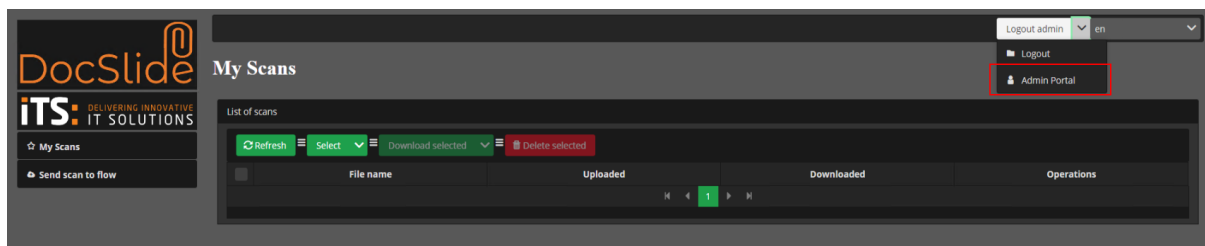
To login as admin to DocSlide portal go to browser and open:

<http://localhost://12120/login/admin>

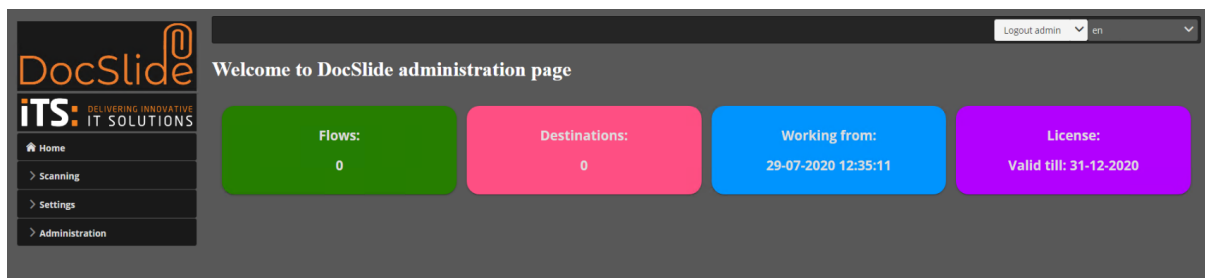
or <https://localhost://12120/login/admin> depends what you configure.



You will be logged to portal as admin user and you need to change it to Admin Portal



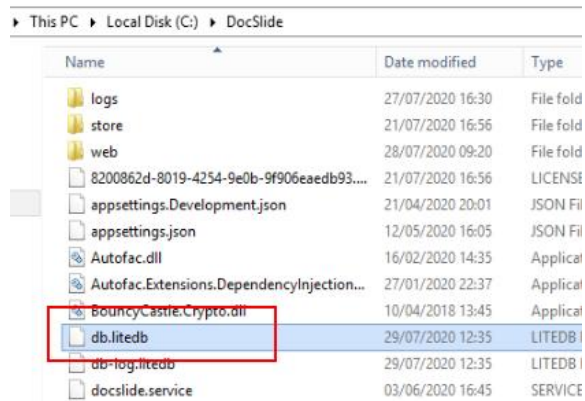
After that you should see DocSlide Admin Portal



Congratulation, good job, DocSlide is installed and you can start playing with configuration 😊

# Backup and Recovery

For backup and recovery, you need to store DocSlide database and file *internal.dat* file from *store* subfolder in safe place. This will give you possibility to restore system in a minute. You can find DocSlide database here, folder *store* is available in the root folder of DocSlide:



This PC > Local Disk (C:) > DocSlide

| Name                                      | Date modified    | Type      |
|-------------------------------------------|------------------|-----------|
| logs                                      | 27/07/2020 16:30 | File fold |
| store                                     | 21/07/2020 16:56 | File fold |
| web                                       | 28/07/2020 09:20 | File fold |
| 8200862d-8019-4254-9e0b-9f906eae93....    | 21/07/2020 16:56 | LICENSE   |
| appsettings.Development.json              | 21/04/2020 20:01 | JSON Fil  |
| appsettings.json                          | 12/05/2020 16:05 | JSON Fil  |
| Autofac.dll                               | 16/02/2020 14:35 | Applica   |
| Autofac.Extensions.DependencyInjection... | 27/01/2020 22:37 | Applica   |
| BouncyCastle.Crypto.dll                   | 10/04/2018 13:45 | Applica   |
| db.litedb                                 | 29/07/2020 12:35 | LITEDB    |
| db-log.litedb                             | 29/07/2020 12:35 | LITEDB    |
| docslide.service                          | 03/06/2020 16:45 | SERVICE   |

If you have any questions about this release of DicSlide then please do not hesitate to contact ITS Support via email at [helpdesk@its-group.com](mailto:helpdesk@its-group.com) or call +44 (0)20 8869 1960.