

OnlyOffice

OnlyOffice and NextCloud in Docker. Both proxied by NGINX rev proxy.

- NextCloud app is on <https://nc.example.com>
- OnlyOffice app is on <https://nc.example.com/documentserver/>

References

[Installing ONLYOFFICE Docs Community Edition for Debian, Ubuntu, and derivatives](#)

[Using ONLYOFFICE Docs behind the proxy](#)

[How to Integrate OnlyOffice with NextCloud on Ubuntu](#)

NGINX config

Additional config lines for NextCloud virtual site config:

```
upstream docservice {
    server 192.168.64.231:3077;
}

map $http_x_forwarded_proto $the_scheme {
    default $http_x_forwarded_proto;
    "" $scheme;
}

map $http_x_forwarded_host $the_host {
    default $http_x_forwarded_host;
    "" $host;
}

map $http_upgrade $proxy_connection {
    default upgrade;
    "" close;
}

server {
    ..
    location /documentserver {
        return 302 /documentserver/;
    }
    location ~ ^/web-apps/(.*) {
        # rewrite      ^      https://$server_name$request_uri? permanent;
        return 302 /documentserver/web-apps/$1$is_args$args;
    }
}
```

```
}
location /documentserver/ {
    proxy_pass http://docservice/;
    proxy_http_version 1.1;

    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection $proxy_connection;
    proxy_set_header X-Forwarded-Host $the_host/documentserver;
    proxy_set_header X-Forwarded-Proto $the_scheme;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
}
}
```

Based on hints from: <https://github.com/ONLYOFFICE/document-server-proxy>

docker-compose

<https://github.com/ONLYOFFICE/docker-onlyoffice-nextcloud>

<https://hub.docker.com/r/onlyoffice/documentserver/>

OnlyOffice network in Docker is configured:

- as 'onlyoffice' node on port 80 (internal linked services network)
- as TCP:3077 on Docker host (rev proxied by NGINX)

Test OnlyOffice server

Web page should be shown on link: <https://nc.example.com/documentserver/welcome/>

NextCloud

Install and enable `OnlyOffice` plugin.

Configure it as follows:

```
### Trusted domain
./occ config:system:get trusted_domains

# Put correct indexes in commands below:
./occ config:system:set trusted_domains 0 --value="nc.example.com"

# NC http port is exposed from Docker to host port 3007
./occ config:system:set trusted_domains 1 --value="host_ip:3007"

### OnlyOffice config
# OnlyOffice server URL:
```

```
./occ config:system:set onlyoffice DocumentServerUrl --  
value="https://nc.example.com/documentserver/"  
# How OnlyOffice can reach NC:  
./occ config:system:set onlyoffice StorageUrl --  
value="http://nc.grinn-global.com/"  
# NOTE; it is possible to put external URL like above, but NC can  
communicate directly inside private Docker network  
./occ config:system:set onlyoffice DocumentServerInternalUrl --  
value="https://onlyoffice/"  
  
# And permit NC to communicate with local addresses  
# Without this you can get error: Error when trying to connect (Host  
violates local access rules)  
./occ config:system:set allow_local_remote_servers --value true --type bool
```

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