

UBNetDef New Domain

How do we setup `mycoolsubdomain.ubnetdef.org`? First, you'll need to grab SSH access to `ubnetdef.org`. Once you have that, `sudo` up to root, and run this handy-dandy script [James](#) wrote for you!

```
cd /root/create_website
./create.sh <domain>
```

After that, you should be done! Dump the files into `/web/DOMAIN_NAME/public`.

James, what are these dank scripts you wrote?

Why thank you for asking! Here is the latest version of the create scripts

[create.sh](#)

```
#!/bin/bash

HOSTNAME=$1

# Make the directories
mkdir -p /web/$HOSTNAME/{public,logs}

# Move over the nginx config, replace some variables
cp nginx.tpl /etc/nginx/sites-available/$HOSTNAME
sed -i "s/#HOSTNAME#/$HOSTNAME/g" /etc/nginx/sites-available/$HOSTNAME

# Enable it
pushd /etc/nginx/sites-enabled
ln -s ../sites-available/$HOSTNAME .
popd

# Reload nginx before we get a SSL cert
systemctl reload nginx

# Grab a SSL cert
certbot-auto certonly --webroot -w /web/$HOSTNAME/public -d $HOSTNAME

# Add SSL config, replace some variables
cat nginx_ssl.tpl >> /etc/nginx/sites-available/$HOSTNAME
sed -i 's/#\treturn/\treturn/g' /etc/nginx/sites-available/$HOSTNAME
sed -i '/#temp/d' /etc/nginx/sites-available/$HOSTNAME
sed -i "s/#HOSTNAME#/$HOSTNAME/g" /etc/nginx/sites-available/$HOSTNAME

# Permissions
```

```
chown www-data:web-admins -R /web/$HOSTNAME/public
```

```
# We're done
systemctl reload nginx
```

[nginx.tpl](#)

```
server {
    listen 80;

    server_name #HOSTNAME#;

    # Redirect
    # return 301 https://$host$request_uri;
    root /web/#HOSTNAME#/public; #temp
}
```

[nginx_ssl.tpl](#)

```
server {
    listen 443 ssl http2;
    server_name #HOSTNAME#;
    root /web/#HOSTNAME#/public;

    # Logs
    access_log /web/#HOSTNAME#/logs/access.log;
    error_log /web/#HOSTNAME#/logs/error.log;

    index index.php index.html index.htm;
    error_page 404 /404.html;

    include snippets/ssl.conf;
    ssl_certificate /etc/letsencrypt/live/#HOSTNAME#/fullchain.pem;
    ssl_certificate_key /etc/letsencrypt/live/#HOSTNAME#/privkey.pem;

    include snippets/php.conf;
    include snippets/allow_wellknown.conf;
    include snippets/deny_dotfiles.conf;
    include snippets/favicon_robots.conf;

    location / {
        try_files $uri $uri/ /index.php?$args;
    }
}
```

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