

CENTRO UNIVERSITÁRIO DO RIO GRANDE DO NORTE
LIGA DE ENSINO DO RIO GRANDE DO NORTE
GERÊNCIA DE REDES

Instalação do OCS Inventory Server

Felipe Araújo de Lima
Rayson Vinicius

OBS: Para todos os passos abaixo, por segurança, deve-se estar logado como root.

Definindo IP fixo:

```
gedit /etc/network/interfaces
auto enp0s3 iface
enp0s3 inet static
address 192.168.25.50
netmask 255.255.255.0
gateway 192.168.25.1
network 192.168.25.1
broadcast 192.168.25.255
```

Instalação de apache, mysql e dependências:

```
apt-get install wget build-essential apache2 php libapache2-mod-php7.0 php-gd
libgd-dev unzip libapache2-mod-perl2 mysql-server libdbd-mysql-perl php-
mysql php-mbstring php7.0-mbstring php7.0-mcrypt php-gettext php-soap
php7.0-curl libxml-simple-perl libapache-dbi-perl libnet-ip-perl libsoap-lite-perl

cpan -i XML::Entities Compress::Zlib Archive::Zip
```

Ativação de módulos:

```
sudo phpenmod mbstring
sudo phpenmod mcrypt
```

Configurando o Apache:

```
gedit /etc/apache2/apache2.conf
```

No final do arquivo, inserir seguinte linha:
ServerName localhost

Criando Base de Dados e aplicando permissões ao usuário:

```
CREATE DATABASE ocsweb
DEFAULT CHARACTER SET utf8
DEFAULT COLLATE utf8_general_ci;

GRANT ALL PRIVILEGES ON `ocsweb` .* TO 'ocsuser'@'localhost'
IDENTIFIED BY 'ocspassword' WITH GRANT OPTION;
```

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Instalando OCS (deve estar conectado como root):

Na raiz, criar pasta ocs:

```
cd /  
mkdir ocs  
cd ocs  
wget https://github.com/OCSInventory-NG/OCSInventory-ocsreports/releases/download/2.3.1/OCSNG\_UNIX\_SERVER-2.3.1.tar.gz  
tar -xzf OCSNG_UNIX_SERVER-2.3.1.tar.gz  
cd OCSNG_UNIX_SERVER-2.3.1  
sudo ./setup.sh
```

Configurando o OCS Inventory:

ln -s /etc/apache2/conf-available/ocsinventory-reports.conf /etc/apache2/conf-enabled/ocsinventory-reports.conf

ln -s /etc/apache2/conf-available/z-ocsinventory-server.conf /etc/apache2/conf-enabled/

acessar: {ip_servidor}/ocsreports

OCS-NG Inventory Installation

WARNING: You will not be able to build any deployment package with size greater than 100MB
You must raise both **post_max_size** and **upload_max_filesize** in your vhost configuration to encrease this limit.

WARNING: If you change default database name (ocsweb) or user (ocs), don't forget to update the file 'z-ocsinventory-server.conf' in your Apache configuration directory

Var lib dir should be writable : /var/lib/ocsinventory-reports

MySQL login:

MySQL password:

Name of Database:

MySQL HostName:

Resolvendo problemas alertados na imagem acima:

gedit /etc/apache2/conf-available/ocsinventory-reports.conf

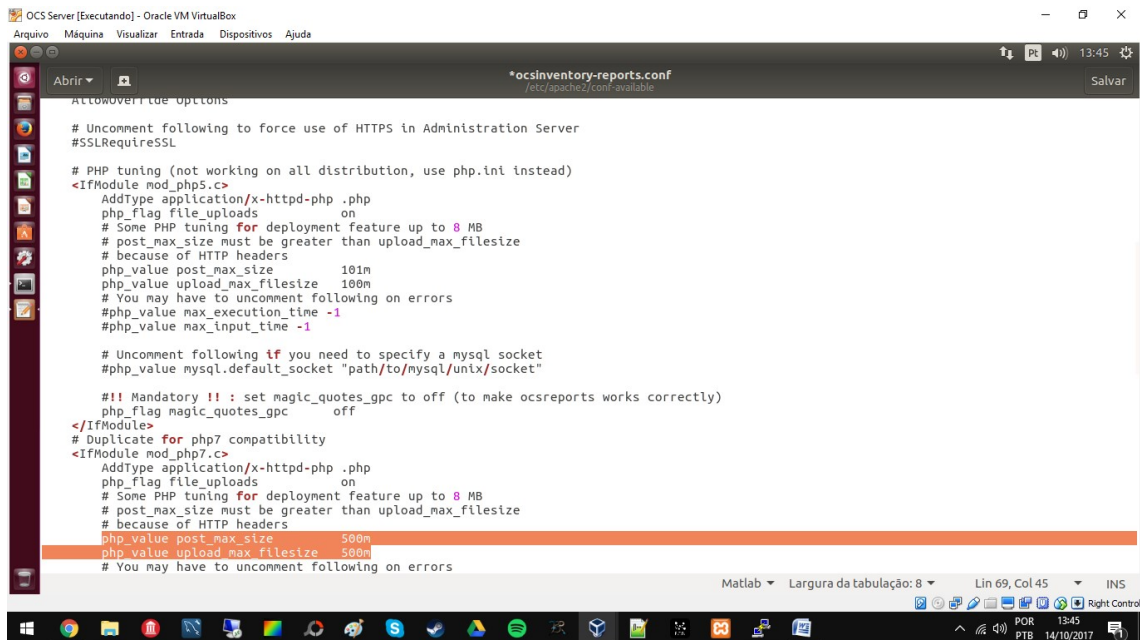
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```
AllowOverride Options

# Uncomment following to force use of HTTPS in Administration Server
#SSLRequireSSL

# PHP tuning (not working on all distribution, use php.ini instead)
<IfModule mod_php5.c>
    AddType application/x-httpd-php .php
    php_flag file_uploads on
    # Some PHP tuning for deployment feature up to 8 MB
    # post_max_size must be greater than upload_max_filesize
    # because of HTTP headers
    php_value post_max_size 101m
    php_value upload_max_filesize 100m
    # You may have to uncomment following on errors
    #php_value max_execution_time -1
    #php_value max_input_time -1

    # Uncomment following if you need to specify a mysql socket
    #php_value mysql.default_socket "path/to/mysql/unix/socket"

    #!! Mandatory !! : set magic_quotes_gpc to off (to make ocsreports works correctly)
    php_flag magic_quotes_gpc off
</IfModule>
# Duplicate for php7 compatibility
<IfModule mod_php7.c>
    AddType application/x-httpd-php .php
    php_flag file_uploads on
    # Some PHP tuning for deployment feature up to 8 MB
    # post_max_size must be greater than upload_max_filesize
    # because of HTTP headers
    php_value post_max_size 500m
    php_value upload_max_filesize 500m
    # You may have to uncomment following on errors
```

Nas linhas selecionadas, devem-se definir ambas com 500m.



OCS-NG Inventory Installation

WARNING: You will not be able to build any deployment package with size greater than 500MB
You must raise both post_max_size and upload_max_filesize in your vhost configuration to encrease this limit.

WARNING: If you change default database name (ocsweb) or user (ocs), don't forget to update the file 'z-ocsinventory-server.conf' in your Apache configuration directory

Var lib dir should be writable : /var/lib/ocsinventory-reports

MySQL login:

MySQL password:

Name of Database:

MySQL HostName:

Ao acessar a interface web, nota-se que o alerta foi alterado informando o limite de 500MB.

Permitir acesso para editar no caminho /var/lib/ocsinventory-reports:

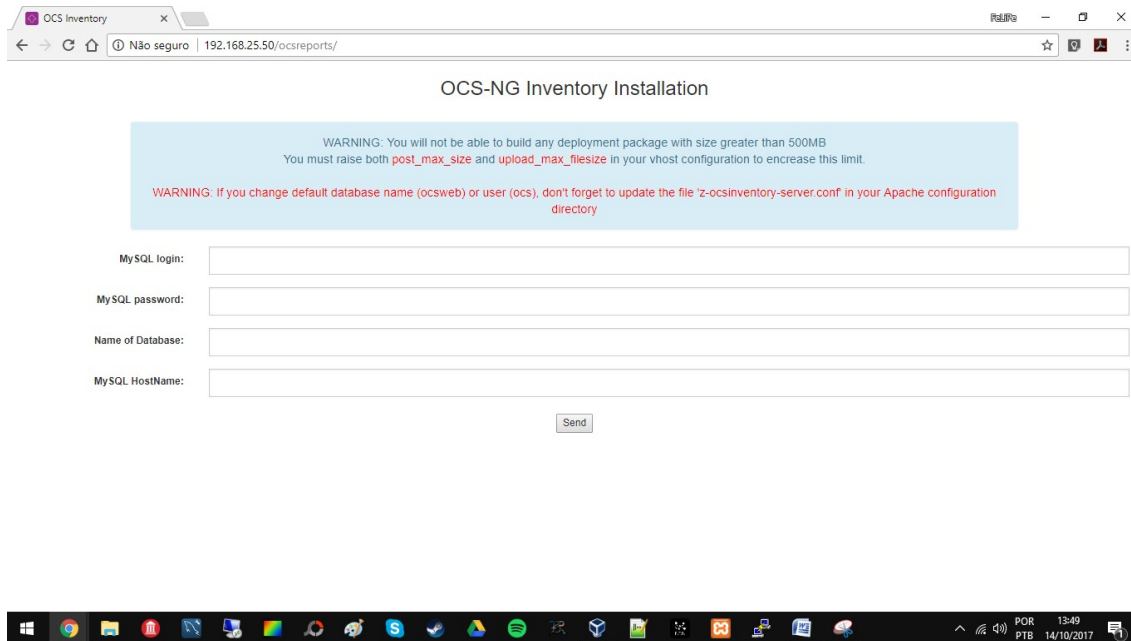
chown www-data:www-data -R /var/lib/ocsinventory-reports

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Feito isso, note que a mensagem desaparecerá



The screenshot shows a web browser window with the title 'OCS Inventory'. The address bar shows '192.168.25.50/ocsreports/'. The page content is titled 'OCS-NG Inventory Installation'. It features a light blue warning box with the following text: 'WARNING: You will not be able to build any deployment package with size greater than 500MB. You must raise both `post_max_size` and `upload_max_filesize` in your vhost configuration to increase this limit.' Below this, a red warning message states: 'WARNING: If you change default database name (ocsweb) or user (ocs), don't forget to update the file 'z-ocsinventory-server.conf' in your Apache configuration directory'. The form contains four input fields: 'MySQL login:', 'MySQL password:', 'Name of Database:', and 'MySQL HostName:'. A 'Send' button is located below the fields. The Windows taskbar at the bottom shows various application icons and the system clock indicating 13:49 on 14/10/2017.

Para acesso, informar os dados conforme abaixo (esses dados são criados junto com a criação da base de dados e devem seguir um padrão predisposto pela OCS).

MySQL login: ocsuser

MySQL password: ocspassword

Name of Database: ocsweb

MySQL HostName: localhost

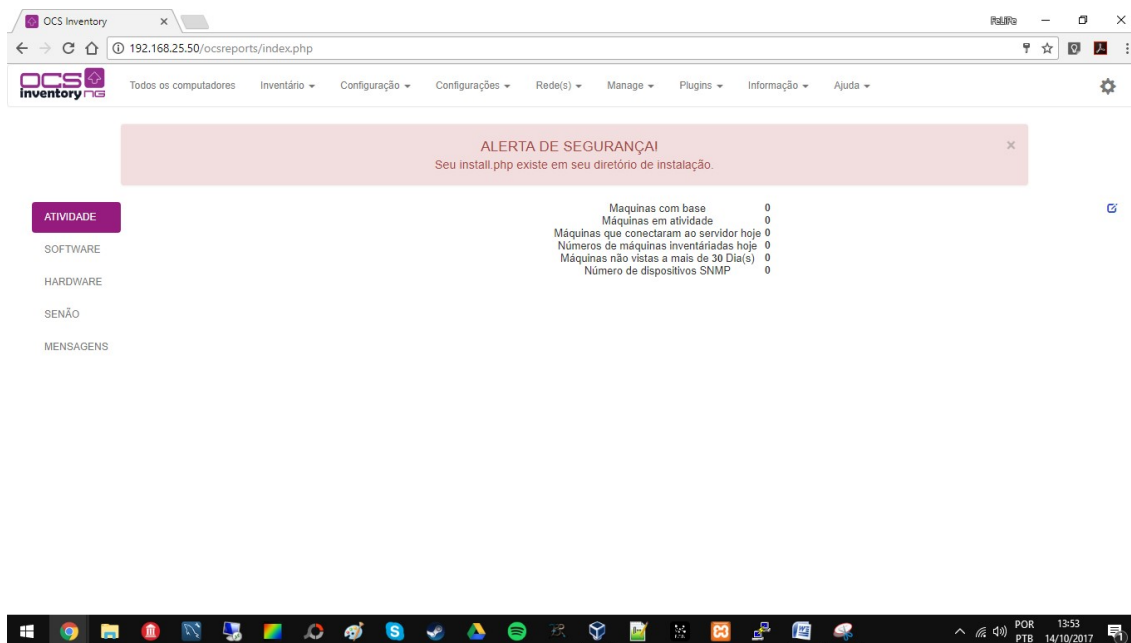
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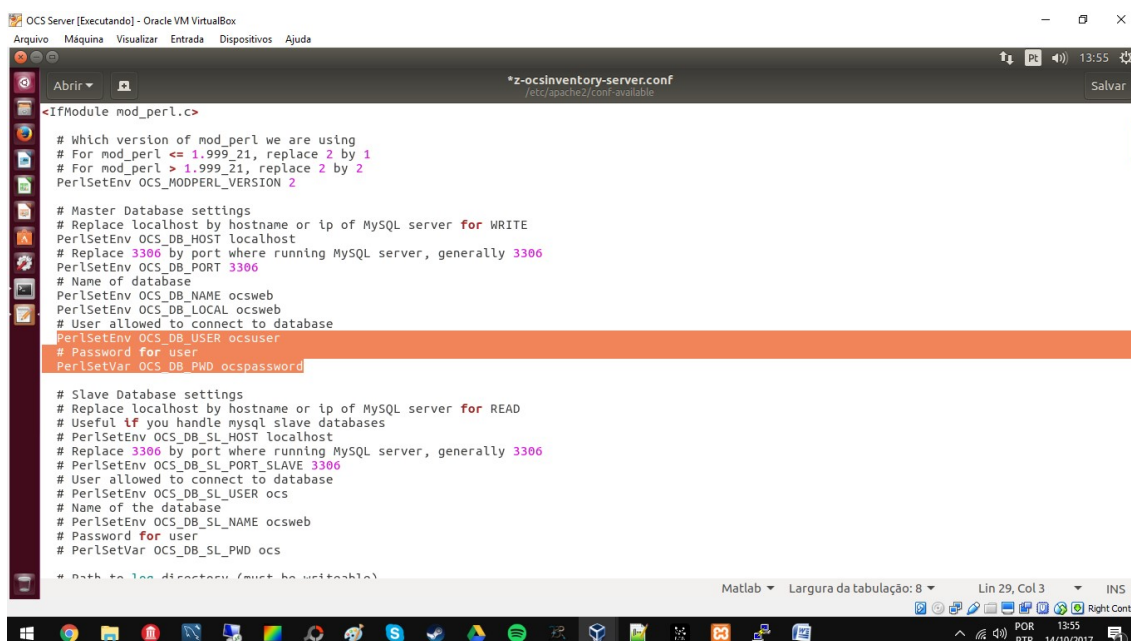


Ao entrar, será exibido um ALERTA DE SEGURANÇA

Para resolver tal situação, vamos editar o arquivo z-ocsinventory-server.conf

gedit /etc/apache2/conf-available/z-ocsinventory-server.conf

Informar usuário e senha do banco de dados nas variáveis OCS_DB_USER para usuário e OCS_DB_PWD para senha



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Após isso, reiniciar apache e mover arquivo install.php

```
mv /usr/share/ocsinventory-reports/ocsreports/install.php  
/usr/share/ocsinventory-reports/ocsreports/install.php_old
```

