

การตรวจสอบค่า DNS

```
$ sudo pico /etc/resolv.conf  
nameserver 10.40.20.121
```

กำหนดค่าของ nameserver
เพิ่มข้อความนี้ในบรรทัดสุดท้าย

```
$ nslookup  
> www.google.com
```

ตรวจสอบ DNS

```
$ sudo resolvconf -u  
dns-nameservers 10.40.20.121
```

ตรวจสอบ DNS

////////////////////////////////////

การติดตั้ง Grader

```
$ sudo apt-get update           เช็คการ update server
$ sudo apt-get upgrade         update server
$ sudo apt-get install flex g++ libmysql++-dev php5 apache2 mysql-server php5-mysql
php5-gd php5-cli mono-gmcs subversion cvs git build-essential checkinstall
                                ติดตั้ง
$ sudo /etc/init.d/mysql start  start mysql
$ wget http://10.1.23.200/download/hustoj.tar.gz  download ไฟล์ hustoj.tar.gz
$ sudo /usr/sbin/useradd -m -u 1536 judge
$ tar -zxvf hustoj.tar.gz      แยกไฟล์ hustoj.tar.gz
$ cd hustoj/core               เข้ามาที่ /home/grader/hustoj/core
$ sudo ./make.sh              ทำการ make ไฟล์
$ pico /home/grader/hustoj/web/include/db_info.inc.php  แก้ DB User/Pass/Name
    static $DB_HOST="localhost";
    static $DB_NAME="jol";
    static $DB_USER="root";
    static $DB_PASS="123456";
$ cd /home/grader/hustoj/      ย้ายไปที่ /home/grader/hustoj/
$ sudo cp -R web /var/www/JudgeOnline  chmod ไฟล์
$ sudo chmod -R 771 /var/www/JudgeOnline
$ sudo chown -R www-data /var/www/JudgeOnline
$ mysql -u root -p            ให้ Insert mysql password 123456
mysql > set names utf8;       กำหนดภาษา utf8
mysql > create database jol;   สร้างฐานข้อมูล jol
mysql > exit;                 ออกจาก mysql
$ cd component                อยู่ที่ /home/grader/hustoj/component
$ sudo mysql -h localhost -u root -p jol < db.sql  ให้ insert mysql password 123456
$ sudo mkdir /home/judge/etc
$ sudo mkdir /home/judge/data
$ sudo mkdir /home/judge/log
$ sudo mkdir /home/judge/run0
```

\$ sudo mkdir /home/judge/run1

\$ sudo mkdir /home/judge/run2

\$ sudo mkdir /home/judge/run3

\$ sudo pico judge.conf

อยู่ที่ /home/grader/hustoj/component
แก้ไข user password 123456

\$ sudo cp java0.policy judge.conf /home/judge/etc

\$ sudo chown -R judge /home/judge

\$ sudo chgrp -R www-data /home/judge/data

\$ sudo chgrp -R root /home/judge/etc /home/judge/run?

\$ sudo chmod 775 /home/judge /home/judge/data /home/judge/etc /home/judge/run?

\$ cd ~/hustoj/component

ไปที่ /home/grader/hustoj/component

\$ sudo cp judged /etc/init.d/judged

\$ sudo chmod +x /etc/init.d/judged

\$ sudo ln -s /etc/init.d/judged /etc/rc3.d/S93judged

\$ sudo ln -s /etc/init.d/judged /etc/rc2.d/S93judged

\$ sudo /etc/init.d/judged start

start judged

\$ sudo /etc/init.d/apache2 restart

restart apache2

go to http://ip_address/JudgeOnline -> Register

ตัวอย่าง <http://10.1.23.142/JudgeOnline>

IDE测试

Submit
AC

Jan 1 Jan 16 Feb 1 Feb 15 Mar 1 Mar 16

This ACM/ICPC OnlineJudge is a GPL product from [hustoj](http://hustoj.com)
한국어 中文 فارسی English ไทย

Anything about the Problems, Please Contact Admin: [admin](mailto:admin@hustoj.com)
All Copyright Reserved 2010-2013 HUSTOJ TEAM
GPL2.0 2003-2013 HUSTOJ Project TEAM

```
$ cd /home/judge/etc/
```

ไปที่ /home/judge/etc/

```
$ sudo pico judge.conf
```

```
OJ_HTTP_BASEURL=http://127.0.0.1/JudgeOnline
```

```
OJ_HTTP_USERNAME=admin
```

```
OJ_HTTP_PASSWORD=admin
```

เปลี่ยน password อย่างน้อย 6 ตัว 123456

ให้ register ในหน้าเว็บ โดยใช้ User ดังนี้

User : admin

Password : 123456

The screenshot shows the HUSTOJ web interface. At the top, there is a navigation bar with links: Home, Web Board, ProblemSet, Status, Ranklist, Contest, Recent, and F.A.Qs. The user is logged in as 'admin' and has 0 recent logouts. The main content area displays the user profile for 'admin-adminMail'. On the left, there is a statistics table:

No.	1
Solved	0
Submit	0
Statistics	
School:	
Email:	

On the right, there is a 'Solved Problems List' section with a chart. The chart has a y-axis from -1.0 to 1.0 and an x-axis with a value of 7.00:00. A legend indicates that yellow represents 'Submit' and blue represents 'AC'. The chart area is currently empty. At the bottom of the page, there is a footer with the text: 'Anything about the Problems, Please Contact Admin: admin', 'All Copyright Reserved 2010-2013 HUSTOJ TEAM', and 'GPL2.0 2003-2013 HUSTOJ Project TEAM'. There are also language selection options: 한국어, 中文, العربية, English, ไทย.

```
$ mysql -u root -p
```

```
mysql > use jol;
```

```
mysql > insert into privilege(user_id,rightstr) values('admin','administrator');
```

```
mysql > exit;
```

go to http://ip_address/JudgeOnline

ตัวอย่าง <http://10.1.23.142/JudgeOnline>

<https://code.google.com/p/hustoj/>