

# SMTP white IP list service

## Service introduction

- Due to the frequent occurrence of information security incidents, our SMTP server (smtp.net.nthu.edu.tw) has a protection mechanism that limits large numbers of e-mails from being sent, in order to prevent misuse (such as: the user's computer is hacked) and lower the chances of being blacklisted. However, considering that staff and students sometimes need to send large amounts of emails, we developed the "SMTP White IP List" mechanism for users on campus to register online and temporarily remove the sending email limitations on their personal computer.

## Application details and limitations

1. For use only by IP addresses with a domain name registered with the University. For domain name registration, contact your unit network administrator.
2. Limited to NTHU staff, and students who log in from the [Academic Information System](#) and the "Condition" must be "normal" for faculty and staff or "normal" or "resumption" for students. Applicants may apply for the IP address of their personal computer (must use the computer on which the e-mail will be sent, in order to determine that it is indeed used by the applicant).
3. After each application, the number of emails sent using smtp.net.nthu.edu.tw will not be limited within 60 minutes.
4. **NOTICE** Sending large amounts of e-mail can easily cause it to be viewed as spam. Applicants must carefully use this function to prevent the university's SMTP server from being blacklisted.
  1. For those who regularly need to send large amounts of e-mail, please contact the [Division of Learning Technology for e-newsletter services](#).
  2. If you need to send emails to NTHU staff, or students, we recommend using the NTHU Message Broadcasting System provided by the [Division of Academic Information System](#).

## Online registration of SMTP IP address

### 1. Login from Academic Information System

1. Connect to <https://www.ccxp.nthu.edu.tw/ccxp/INQUIRE/index.php?lang=english>
2. Enter your AIS password.
  - **NOTICE** If you forgot your AIS password, please click "**Forgot your password?**" below "login" on the page of AIS system for help.



3. Select **“Computer and Communication Center Services”** first, and then **“Division of Network Systems”**.
4. Click the URL **“Division of Network Systems”** on the right frame, and then your browser will be redirected to the service portal of **Division of Network Systems**

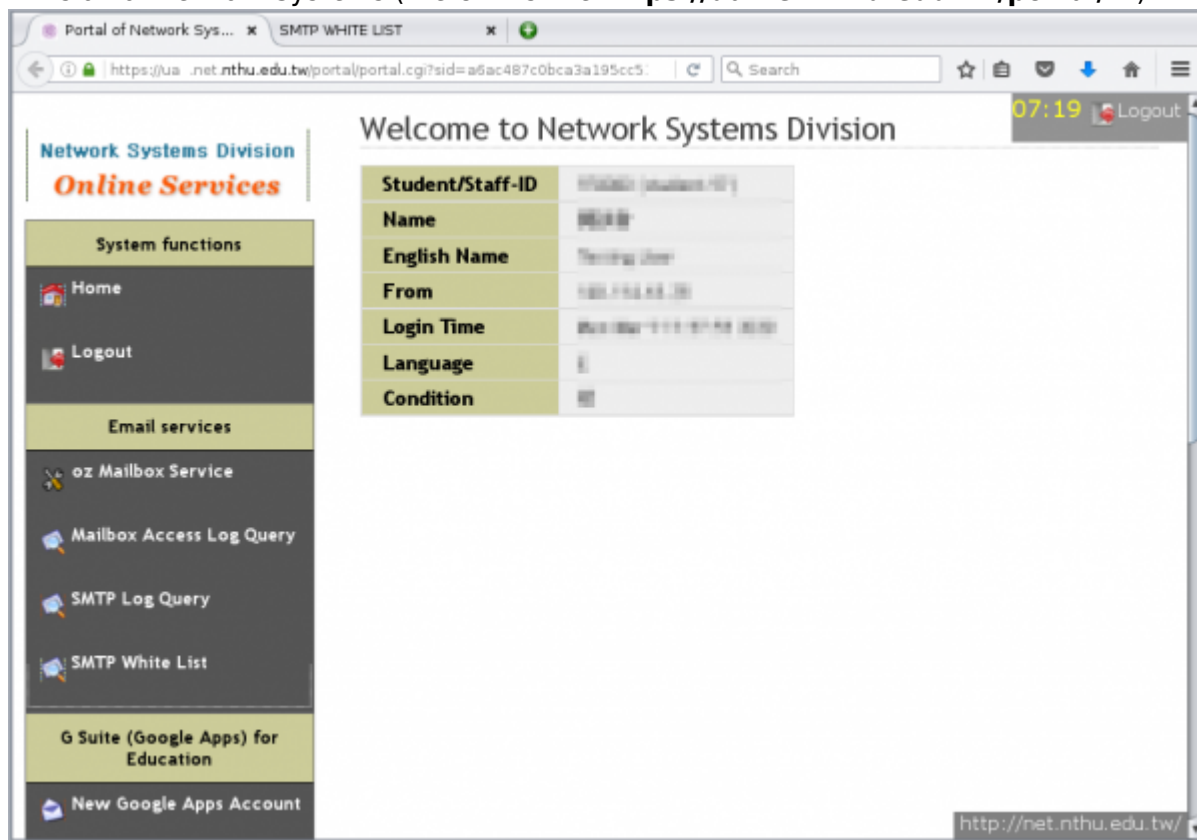


### Failed to redirect to the service portal

- If the error message like **“cannot get checksum or expired...”** appears, it means that the URL is expired due to over the valid period of 2 minutes after its generation. Please **click the “Division of Network Systems” on the left menu** (or login AIS again) to generate another valid URL.
- If the error message like **“IP mismatch...”** appears, it means that your IP address connecting to the portal differs from that to the AIS. Please keep your IP address always the same while performing manipulation.

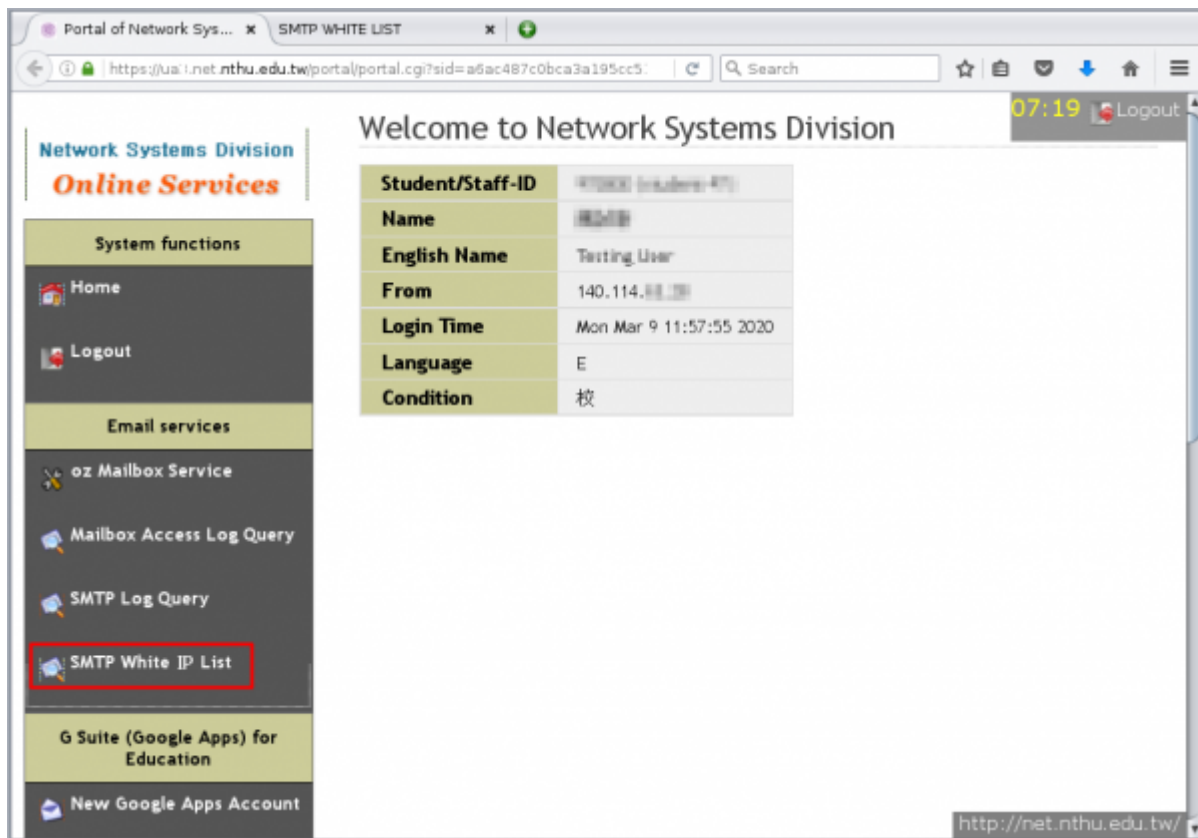
## Succeed in redirecting to the service portal

- If like the below window shows, it means that you successfully connect to the service portal of Division of Network Systems (the URL is like <https://ua.net.nthu.edu.tw/portal/...>)



## 2. Register SMTP White List

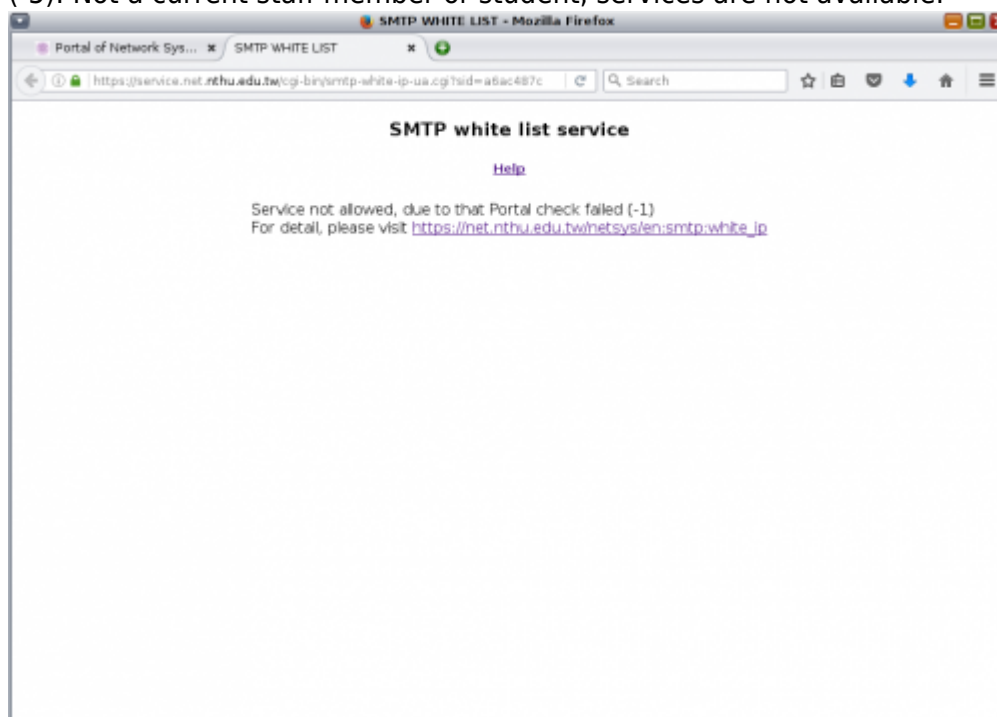
1. Go to "Network Systems Division Online Services"
  1. First click on "Email services" on the left and the menu below will appear.
  2. Then click on "SMTP White IP List."



## 2. 2. A new window "SMTP White IP List" will appear

### 1. If "portal check failed" appears, it may be due to one of the following reasons

1. (-1, -2, -3) Login timed-out or logged in for too long, please log in again from the Academic Information System.
2. (-4): Did not log in from the Academic Information System, please log in from the Academic Information System.
3. (-5): Not a current staff member or student, services are not available.



### 2. Verify that your IP address is correct.□

- **This information is automatically obtained from your connection information!**

The screenshot shows a web browser window titled "SMTP WHITE LIST - Mozilla Firefox". The address bar displays the URL: <https://service.net.nthu.edu.tw/cgi-bin/smtp-white-ip-ua.cgi?sid=a6ac487c>. The page content includes the title "SMTP white list service" and a "Help" link. A table displays the current time and IP address. Below the table, a message asks for confirmation to add the IP to the white list, and a verification code is shown in a green box next to an input field. A "YES" button is also visible.

Time	Mon Mar 9 11:58:47 2020
Your IP address	140.114.68.118
Do you want to put 140.114.68.118 into our SMTP white list?	
Verification code :	<input type="text" value="5895"/> <input type="button" value="YES"/>

3. Enter the "Verification code" and click on "Yes"; will become effective within few minutes after it is successful (as shown in the figure below).

The screenshot shows the same web browser window after the verification step. The table now displays the time and IP address, and a message confirms the addition of the IP to the white list, noting its 3-minute validity.

Time	Mon Mar 9 12:02:21 2020
Your IP address	140.114.68.118
Add IP 140.114.68.118 to our SMTP white list! (It will work in 3 minute and won't work after Mon Mar 9 13:02:21 2020)	

From:

<https://net.nthu.edu.tw/netsys/> - 網路系統組

Permanent link:

[https://net.nthu.edu.tw/netsys/en:smtp:white\\_ip](https://net.nthu.edu.tw/netsys/en:smtp:white_ip)

Last update: **2020/11/18 09:23**

