2.4 Accessing NACCS servers from user's computers
2.4.1 Access Control for accessing NACCS each server

NACCS Center provides DNS server's IP address and domain names of each server computers of NACCS to users connecting to the User Network (hereinafter referred to as "user") for domain name resolving. When accessing each server of NACCS, users should make an inquiry to the DNS server using the domain name of each server, obtain the IP address of each server, and access to that IP address.

(1) Response to NACCS Packaged Software (interactive processing mode) (for users not using NACCS DNS)

When NACCS Packaged Software (interactive processing mode) is used and the DNS server provided by NACCS is not available, NACCS cannot be used. In this case, it is necessary to perform additional settings according to the instructions in the following flow.

```
                          ┌─────────────┐
                          │    Start    │
                          └─────────────┘
                                 │
                                 ▼
          NO              ◇ Is it connected to User
     ◄───────────────────   internal Network?
     │                          │
     │                        YES
     │                          │
     │                          ▼
     │    YES           ◇ DNS server provided by
     │◄───────────────────  NACCS is available
     │                          │
     │                         NO
     │                          │
     │                          ▼
     │              ◇ You can add settings to your    NO
     │                  DNS server          ──────────────────►
     │                          │
     │                        YES
     │                          │
     ▼                          ▼                              ▼
┌──────────────┐      ┌──────────────────┐        ┌──────────────────┐
│ No response  │      │ [Response method 1] │      │ [Response method 2] │
│ described in │      │ Add settings to your│      │ Add settings of the │
│ this document│      │ server              │      │ hosts file for each │
│ is required  │      │                     │      │ terminal            │
└──────────────┘      └──────────────────┘        └──────────────────┘
        │                      │                              │
        ▼                      ▼                              ▼
┌──────────────┐      ┌──────────────────┐        ┌──────────────────┐
│[Users who do │      │[Users who need    │        │[Users who need    │
│ not need this│      │ response (1)]     │        │ response (2)]     │
│ response]    │      │ Response required │        │ Response required │
│ No response  │      │ See 2.4.1.1 (1)   │        │ See 2.4.1.1 (2)   │
│ required     │      │                   │        │                   │
└──────────────┘      └──────────────────┘        └──────────────────┘
```

In principle, this response must be handled by the method described in [Response method 1]. However, if [Response method 1] is not available, the response shall be handled by the method described in [Response method 2].
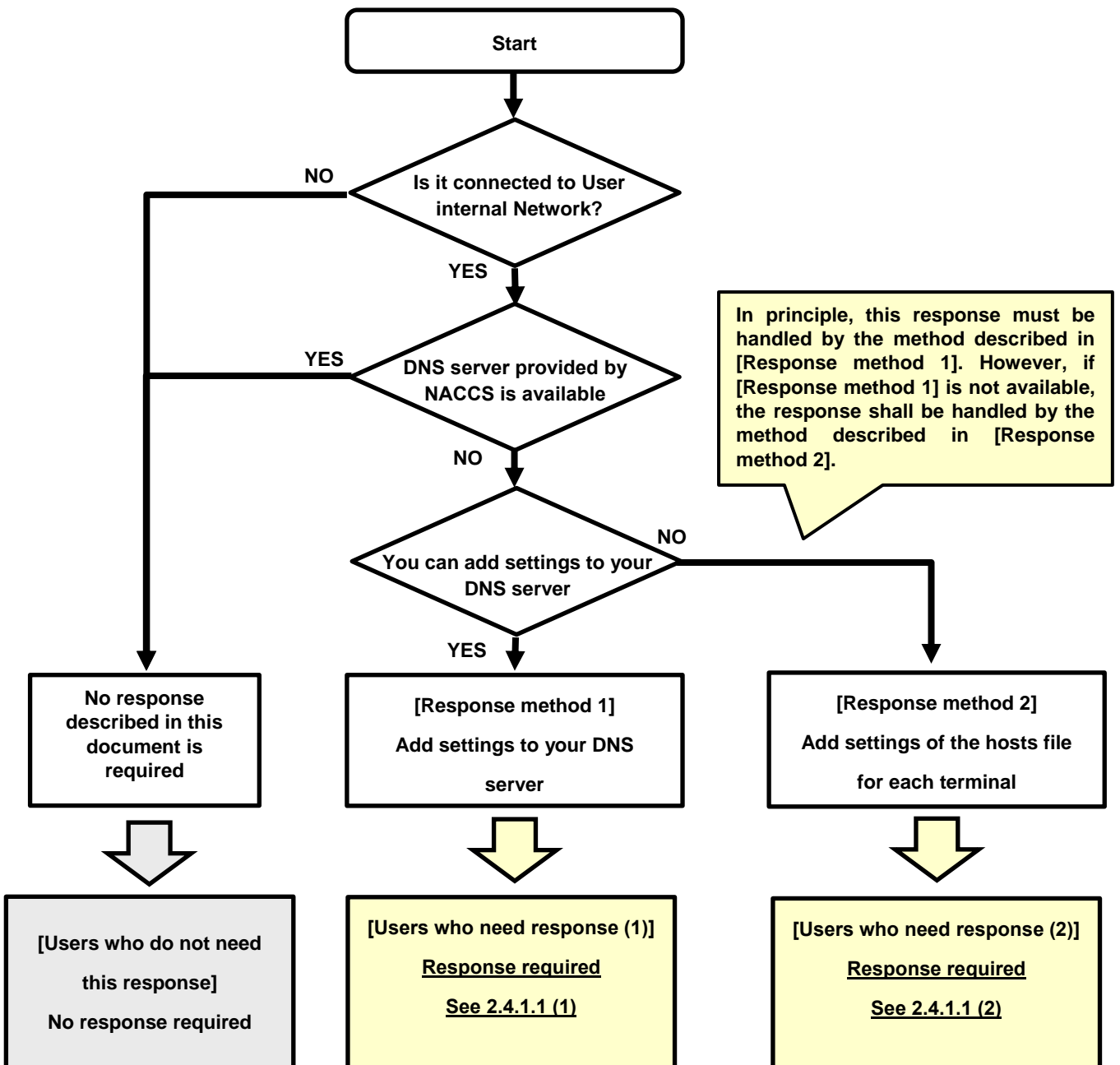
Figure 2.4.1 Judgment flow for additional settings

(A) [Response method 1] Additional settings to the DNS server you are using

Add and register the domain name and IP address shown in document announced separately to the DNS server currently using.
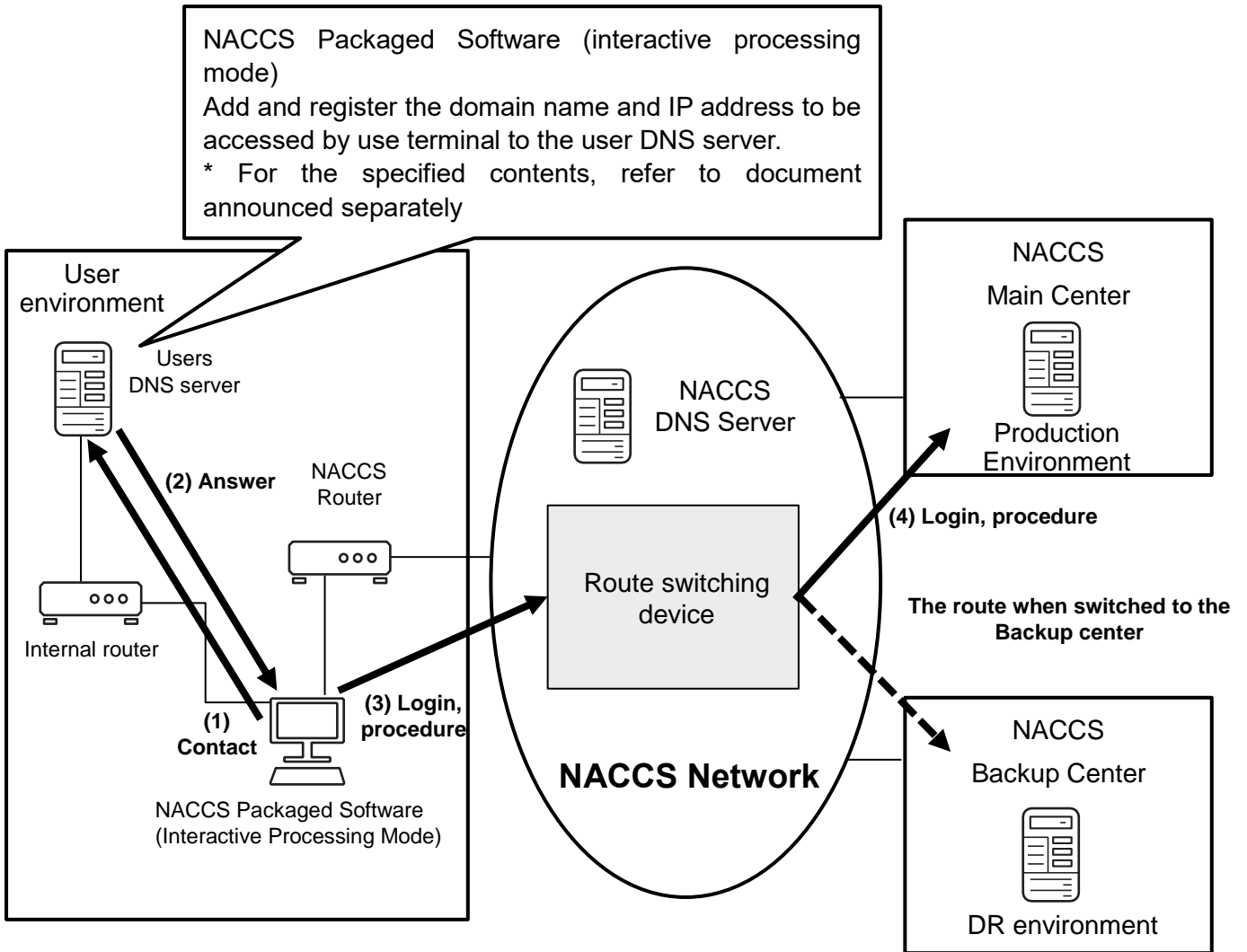

Figure 2.4.2 Outline Drawing of Entire User Environment and NACCS

* The method to add settings to user DNS server

Since the environment of the DNS server varies depending on the user, it is necessary to confirm the detailed setting method for the DNS server with the user's system administrator.

(B) [Response method 2] Hosts file settings additional registration procedure

This procedure is the procedure for the cases where response method 1 cannot be performed.

The response is not necessary if response method 1 can be performed.

The method to add the settings to the hosts file is shown below. This is an example of Windows 11 screen.

* To change settings of hosts file, permission of administrator is necessary. So if the user cannot change the settings due to insufficient permissions, it is necessary to check with the user's system administrator.

1) Start Notepad
   ・ Search and select Notepad from the search screen at the bottom left of Windows desktop screen.
   ・ When starting Notepad, select Notepad, and right-click and select "Run as administrator".
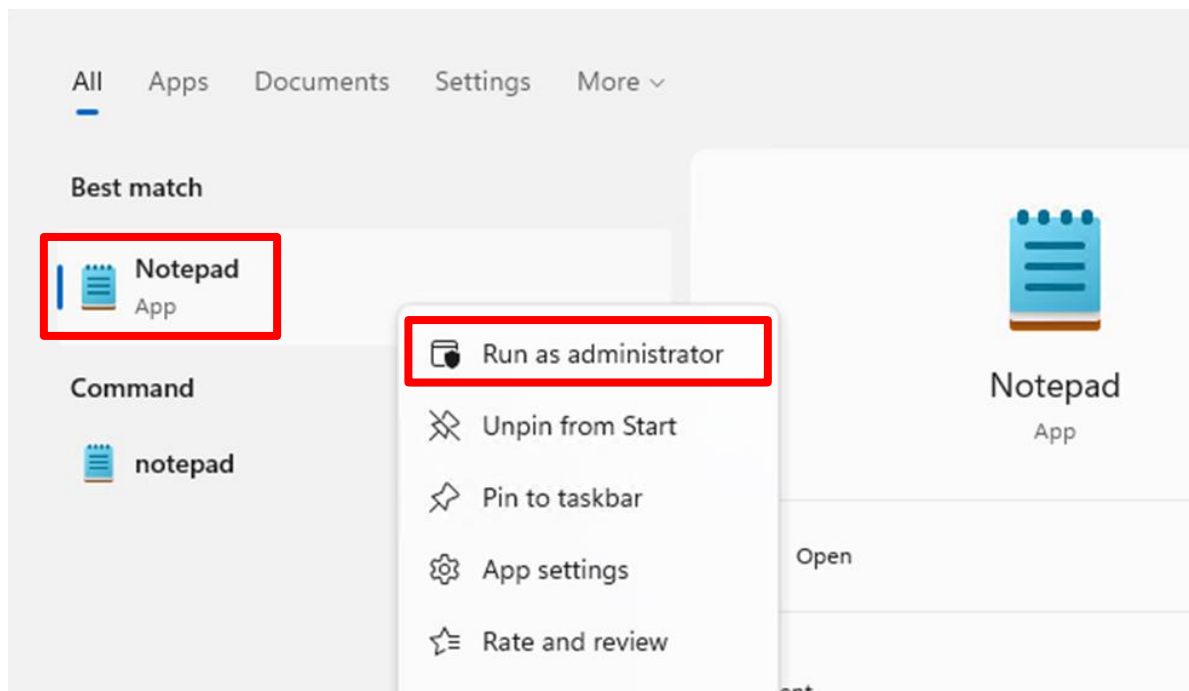
Figure 2.4.3 Windows Search Menu Screen

2) Open the hosts file

- ・ Select "File" → "Open" from the menu tab of the Notepad.
- ・ Select the folder path "C:Windows\System32\drivers\etc\".
- ・ Select "All files (*.*)" as file format.
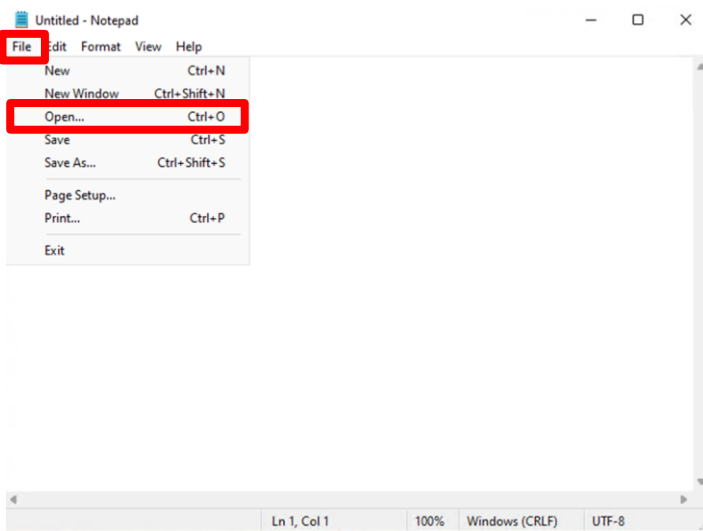- ・ Select "hosts" displayed on the middle of the screen.
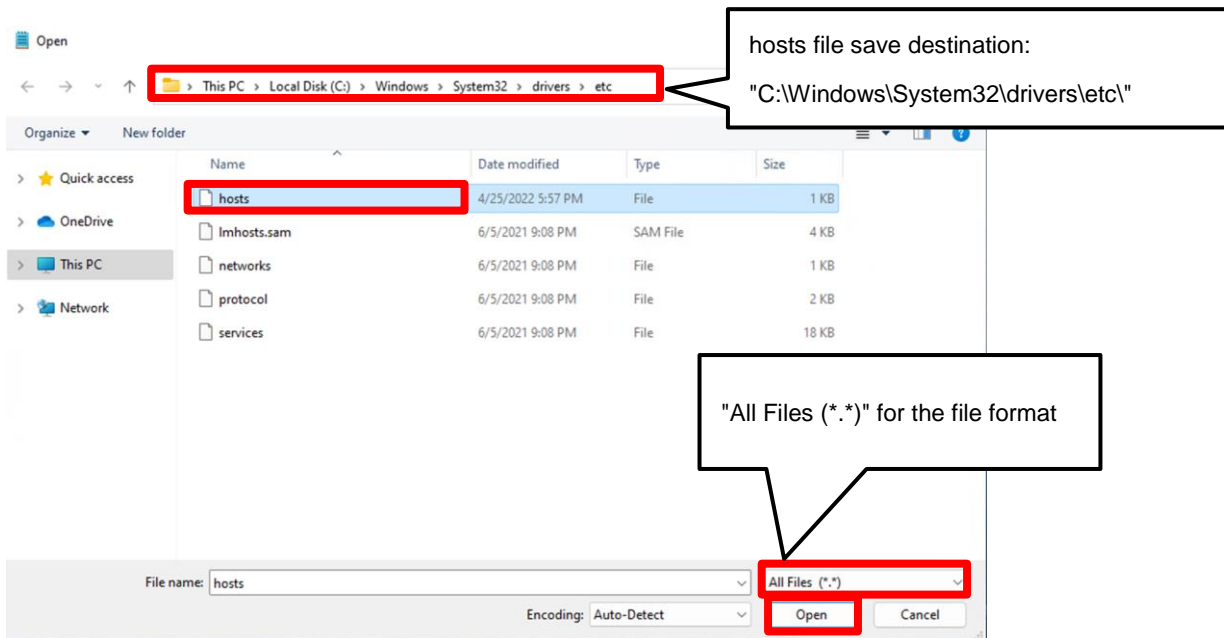- ・ Select "Open".

Figure 2.4.4 Notepad Menu Screen

Figure 2.4.5 Screen to Set the File to Open

3) Correction of the hosts file

- ・ Confirm that the hosts file was opened.
- ・ Add the setting contents described in document announced separately in the red frame on the screen as shown below.

4) Save the hosts file

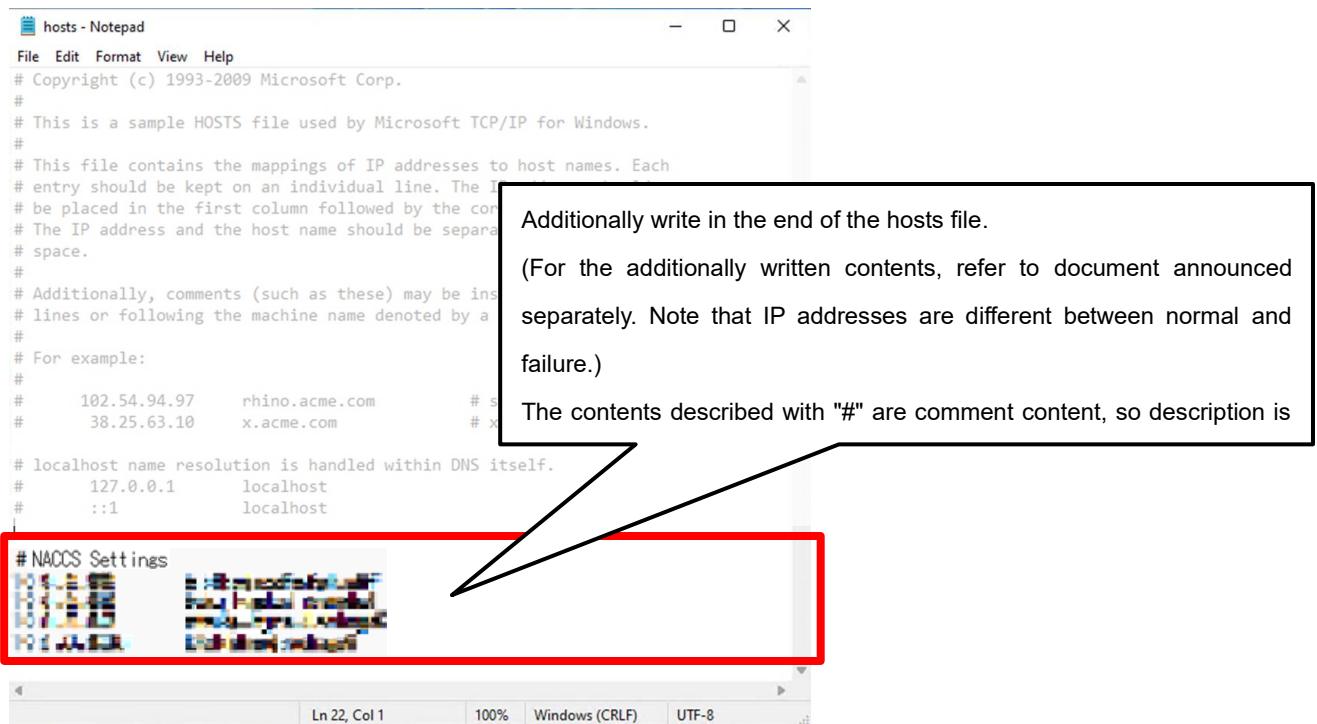・ Select "File"→ "Save" from the menu tab of the Notepad to save.

Figure 2.4.6 Illustration of the Hosts File after the Correction