

Appendix 14 Response to NACCS Failure and Recovery

(For Users Not Using NACCS DNS)

1. Switching between the Main center and Backup center

Switching between the Main center and Backup center is done by changing the DNS server information in NACCS Center. Therefore, users do not need to be aware of the switching. For users, the switching does not require any special operations, and can be done by accessing the NACCS servers using the IP address they acquired from the DNS server.

(1) Response to NACCS failure (For users not using NACCS DNS)

In the event of a NACCS failure, each user who cannot use the DNS server provided by NACCS Center must either "change the setting of the currently specified destination IP address", "change the setting of the configuration file of another currently used DNS server", or "change the setting of the IP address to the hosts file of the terminal where NACCS Packaged Software is installed".

Table A14-1 shows the failure categories, target processing modes, and response methods that require setting change. Users who fall under the target Processing Mode described in Table A14-1 need to prepare in advance so that the response described in the response method can be promptly implemented in the event of a failure indicated in the failure category.

Table A14-1 Response to NACCS failure

Failure category	Target Processing Mode	Response method
Main center failure (Note 1)	—	The system automatically switches to the Backup center via the NACCS Network, so response is unnecessary.
NACCS Network node failure (Note 2)	- Interactive Processing Mode (SMTP Two-Way) - E-mail Style Processing Mode - Using the procedure to retrieve Management Document Information	Change the settings of the currently specified destination IP address.
	NACCS Packaged Software (Interactive Processing Mode)	Change the IP address settings of the settings file to another DNS server currently in use or the hosts file of the terminal where NACCS Packaged Software is installed.

(Note 1) A failure of the Main center refers to the time when NACCS is difficult to operate at the Main center and switched to the Backup center.

(Note 2) NACCS Network node failure refers to the time when a route switching device configured in the NACCS Network has a failure.

This response is required only for users who do not use the NACCS DNS server, and it is not necessary for users who use the NACCS DNS server.

(A) Main center failure

In the event of Main center failure, the system can continue to be used without needing any response measures in particular.

(B) NACCS Network node failure

In the event of NACCS Network node failure, users who use the Interactive Processing Mode (SMTP Two-Way), E-mail Style Processing Mode, and the procedure to retrieve Management Document Information shall change the settings of the destination IP address. For the destination IP address, refer to document which will be announced separately.

Users who fall under this section should set up their communication devices, etc. in advance, as necessary, so that communication with the above mentioned destination IP address becomes possible.

In the event of NACCS Network node failure, users who use NACCS Packaged Software (Interactive Processing Mode) shall change the settings of the destination IP address for the destination domain name as shown in document which will be announced separately. For the method of changing the setting, refer to the corresponding method column in Table A14-1.

Users who fall under this section should set up their communication devices as necessary, so that communication with the destination IP address shown in document which will be announced separately becomes possible. As for the destination domain name, the same domain name as in normal operation will be used continuously, so there is no need to change the settings.

(2) Response to NACCS recovery (For users not using NACCS DNS)

This response is required only for users who do not use the NACCS DNS server, and it is not necessary for users who use the NACCS DNS server.

For each user who implemented the response described in "Appendix 14 1.(1) Response to NACCS failure (For users not using NACCS DNS)" in the event of NACCS failure, it is necessary to return back to the normal setting after NACCS is recovered. The response methods are as follows.

(A) When Main center is recovered

In the event of Main center recovery, the system can continue to be used without needing any response measures in particular.

(B) When NACCS Network node is recovered

In the event of NACCS Network node recovery, users who use the Interactive Processing Mode (SMTP Two-Way), E-mail Style Processing Mode, and the procedure to retrieve Management Document Information shall change the settings of the destination IP address. The destination IP address is as document which will be announced separately.

Users who fall under this section should set up their communication devices, etc. in advance, as necessary, so that communication with the above mentioned destination IP address becomes possible.

In the event of NACCS Network node recovery, users who use NACCS Packaged Software (Interactive Processing Mode) shall change the settings of the destination IP address for the destination domain name as shown in document which will be announced separately. For the method of changing the setting, refer to the corresponding method column in Table A14-1 because the method is the same as the one for failure.

Users who fall under this section should set up their communication devices as necessary, so that communication with the destination IP address shown in document which will be announced separately becomes possible. As for the destination domain name, the same domain name as in normal operation will be used continuously, so there is no need to change the settings.