

## 8. Connection Test

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### 8.1 Outline and Details of Connection Test

If any of the following is applicable, users who utilize user's system for implementing NACCS procedures must conduct a connection test predefined by NACCS Center to verify that messages are successfully transmitted and received between NACCS Center server and user's system:

- Starting to use NACCS
- Necessary to check communication between NACCS Center server and user's system when replacement of the hardware of the user's system occurred or modifications of the software to the user's system made to add/change NACCS procedures to be implemented on the user's system, etc.
- Necessary to check operability of the user's revised software following modifications made to NACCS Center server's software, etc.

#### (1) Details of connection test

##### (A) Phase 0

User(non-Government) required to conduct a connection test: Those who utilize any of the following (using user's systems):

- Interactive Processing Mode (SMTP Two-Way)
- E-mail Style Processing Mode (SMTP/POP3)

(Note) Users of Interactive Processing Mode (netAPI) and users of Management Document Information retrieval processing (when using user's system) are exempt from conducting the continuity test at the protocol level in this phase.

Purpose of connection test: To ensure protocol level continuity

Details of connection test: To connect NACCS connection router to the user's system and execute the ping command from the user's system to the ping point of NACCS Center side to ensure that it can reach NACCS Center over the network.

##### (B) Phase 1

User(non-Government) required to conduct a connection test: Those who utilize any of the following (using user's systems) or those who utilize sharing system

- Interactive Processing Mode (SMTP Two-Way)
- E-mail Style Processing Mode (SMTP/POP3)
- Interactive Processing Mode (netAPI)

(Note) Users implementing retrieval of Management Document Information using the user's systems are exempt from conducting the connection test involving message communications.

Purpose of connection test: To ensure successful message communications (Transmission/Receipt Confirmation)

Details of connection test: To ensure that the user's systems can successfully receive inbound messages using "Terminal Connectivity Confirmation (TCC)" processed on NACCS Center server.  
See the Procedure Specification for details regarding "Terminal Connectivity Confirmation (TCC)".

(C) Phase 2

User(non-Government) required to conduct a connection test: Those who utilize any of the following (using user's systems) or those who utilize sharing system

- Interactive Processing Mode (SMTP Two-Way)
- E-mail Style Processing Mode (SMTP/POP3)
- Interactive Processing Mode (netAPI)
- Procedures for retrieving Management Document Information (using user's systems)

Purpose of connection test: To ensure the user can implement procedures in user's system without fail

Details of connection test:

- Interactive Processing Mode (SMTP Two-Way)
- E-mail Style Processing Mode (SMTP/POP3)
- Interactive Processing Mode (netAPI)

To ensure that the user system can successfully transmit Process Request Message from the user's system and receive Process Result Messages transmitted from NACCS Center server in the procedures subjected for the connection test using NACCS Center specified data for connection test or the user's own data.

- Procedures for retrieving Management Document Information (using user's systems)  
To ensure that the user system can successfully retrieve a list of Management Document Information, retrieve Management Document Information, and re-retrieve Management Document Information

(For reference) Users utilizing only NACCS Packaged Software provided by NACCS Center (for router connections or netNACCS) are exempt from this connection test in principle.

**(2) Implementation of connection test**

Prior to conducting a connection test, users shall apply for a connection test.

Adjust the date of a test etc. with NACCS Center based on the application.

The details regarding a connection test in Table 8.2.1 (4) to (10) will be notified by NACCS Center to the applicant when the adjustment mentioned above was made.

**(3) Important notes**

The environment for conducting a connection test shall be set up within the premises of a Backup center. Therefore, in the event that the Main center is affected by a large-scale disaster or a large-scale failure, etc., normal operation will be implemented at the Backup center and a connection test at the Backup center may be unavailable.