

## 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 their own system for implementing NACCS procedures must conduct a connection test predefined by NACCS Center to verify that messages are successfully transmitted and received between the NACCS server and their own system:

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

#### (1) Details of connection test

##### <Phase 0>

Users required to conduct a connection test: Those who utilize any of the following (using their own systems):

- Interactive processing mode (SMTP two-way)
- E-mail style processing mode (gateway computer)
- Procedures for retrieving management documents (using their own systems)

(Note) Users of interactive processing mode (ebMS) 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 the NACCS connection router to the devices of the user's system and execute the ping command from the user's own system to the ping point of NACCS Center to ensure that it can reach NACCS Center over the network.

##### <Phase 1>

Users required to conduct a connection test: Those who utilize any of the following (using their own systems) or those who utilize sharing system

- Interactive processing mode (SMTP two-way)
- E-mail style processing mode (gateway computer)
- Interactive processing mode (ebMS)

(Note) Users implementing retrieval of management documents using their own systems are exempt from conducting the connection test involving message communications.

Purpose of connection test: To ensure successful message communications (on NACCS-EDI rules)

Details of connection test: To ensure that the user's own systems can successfully receive inbound messages using "TCC" processed on the NACCS Center server.

See the Procedure Specification for details regarding "TCC".

## <Phase 2>

Users required to conduct a connection test: Those who utilize any of the following (using their own systems) or those who utilize sharing system

- Interactive processing mode (SMTP two-way)
- E-mail style processing mode (gateway computer)
- Procedures for retrieving management documents (using their own systems)
- Interactive processing mode (ebMS)

Purpose of connection test: To ensure the user can implement procedures without fail

Details of connection test:

- Interactive processing mode (SMTP two-way)
- E-mail style processing mode (gateway computer)
- Interactive processing mode (ebMS)

To ensure that the user's system can successfully receive processing result messages transmitted from the NACCS Center server in response to the request for processing of pilot procedures transmitted by the user's system using NACCS Center-specified settings (dummy data) or the user's own data

- Procedures for retrieving management documents (using their own systems)

To ensure that the user's system can successfully retrieve a list of management documents, retrieve management documents, and re-retrieve management documents

(For reference) Users utilizing the packaged software provided by NACCS Center (for peer-to-peer connections or router connections) 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.

NACCS Center will arrange the date of a test upon receipt of the application.

The details regarding a connection test will be provided by NACCS Center to the applicant after the date of a connection test is arranged.

## (3) Important notes

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