



Nebraska Crime Commission
Jail Data Integration, Phase-2
Agency Acceptance Testing Steps, v1.9
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1. Phase II Pre-Requisite for Acceptance Testing

1) The agency should be able to submit both incremental and roster files and receive error-free responses after submitting them to the JDI test web service.

Note: The roster is the file that displays the current inmate in the agency at the time the roster was prepared, and it should be submitted twice a day at 4 a.m. and 4 p.m. Roster files are also utilized for reconciliation; thus, any inaccuracies in the roster file are unacceptable for go-live because they may cause extra issues with alerts and data.

- A roster of all inmates must be submitted twice a day (4.00 AM and 4.00 PM)
- A submission must also be sent every 15 minutes containing any changes (insert/delete/update) during that period.
- If no changes have occurred within the above interval, then a zero report should be sent.
- Photos should be sent separately from the booking records once a day for all the photos Added/deleted during the day.
 - The suggested photo size and resolution:
 - Photo Dimension in the range from 480X600 pixel to 1000X1300
 - Width from 480 pixel to 1000
 - Height from 600 pixel to 1300
 - Horizontal resolution 96dpi
 - vertical resolution 96dpi

2) Each of the action types described below requires that all data elements be populated using multiple test records. To obtain a list of all elements, please see a mapping document or a business rule matrix.

3) Multiple aliases, SMTs, and charges must be entered into for one or more bookings.

4) The interface should be there on the agency side, to allow users to view the error from submission, correct it, and resend the booking.

5) One more thing to test the weekender's booking. Every weekend booking for the same inmate should have a new booking sequence# for the same booking# with different admission date/time and release date/time.

6) If all the aforementioned pre-requisite criteria are met, the agency is ready to begin acceptance testing and should co-ordinate with NCC for NCC to verify the results.

2. Introduction

This document describes the steps to be performed for each agency prior to going live with the Jail Data Exchange web service.

3. Test Cases

The intention of this exercise is to make sure all different scenarios are covered in the test environment. For this purpose, we will be expecting vendors to submit different sample files:

1. Insert
2. Delete
3. Merge
4. Transfer
5. Roster File
6. Zero Report (send at every 15 minutes of inactivity)
7. Photo (Insert and Delete) – Only if you are using photo feed using the web service. Some agencies are expected to continue to send photo feed by SFTP (Phase_1)
8. Weekender Booking. (At least 3 iterations to be tested)
9. Send to NEVCAP only after the booking entry is deemed completed. Don't send the partial data while booking data entry is not completed yet and only part of the information is entered.
10. Update the booking record after the release and resend the affected booking record. Sometimes SID and FBI number many need to be corrected later after the release when it is found to be incorrect so when any field (that is needed in NEVCAP) changes in JMS for an inmate (while in custody or out of custody) all the affected booking numbers and booking seq# records need to be resent to NEVCAP.
11. Test for the host service end point being down. When the host service endpoint is down or unreachable for any reason, queue up the data submission to be resent later. Whenever the service comes online again, send all the pendig submissions.

Brief Overview of Merge Test Case/Process:

Merge: Merge is a very rare scenario for jail. But if there are two bookings that need to be merged, a merge XML needs to be sent. This can happen when more than one booking number is created for the same inmate's booking, and later it needs to be consolidated into one booking number. The XML should contain the old and new booking numbers for merging. Please refer to the merge sample XML provided for more details.

NOTE: MERGE SHOULD BE FOLLOWED BY DELETE OF MERGEFROM BOOKING NUMBER.

Example:

AgencyCode	Booking	Booking Seq#	LastName	FirstName	DOB	SSN	ReleaseDate
NBCJIS	BookingNumber1	1	Lname	Fname	1012000	999999999	NULL
NBCJIS	BookingNumber2	2	Lname	Fname	1012000	999999999	NULL

Registration :

Victim A registered against BookingNumber 1 in past.

Now there are scenarios when it is found that BookingNumber1 and BookingNumber2 have been created for the same inmate/offender. So, at that moment we can't keep two bookings for the same inmate who is in custody, as we need to have one booking for each inmate at a time for the inmate who is in custody to keep track of their status. At that time, the merge scenario comes into action, and the merge XML needs to be sent, where the XML needs to have an old booking number and a new booking number. (Please refer to Merge XML for more details.)

Backend Process:

Once NEVCAP receives the merged XML, BookingNumber1 will be merged to BookingNumber2 on the NEVCAP website and will see the change in booking Number. Also, the registration that Victim A created against BookingNumber1 will get notification that this inmate/offender is merged with the new booking Number, and the registration table for all backend booking Number 1 will be replaced with bookingNumber2. So at the end, once the process is completed,

the victim will get notification about the merge, and in the system, above inmate will have only one booking at that time who is in custody to track their status.

Zero Report: When there is nothing to submit (no inmate activity in jail), a zero report needs to be submitted. This is needed to ensure the connectivity to the service is still working and end to end process is still working fine thus requires no further attention. Without this we wouldn't not know if the jail has stopped sending the data due to some problem or there is no new data to be sent. Please refer to the Zero Report Sample XML provided for more details.

Transfer: Transfer is the scenario where inmates transfer from one jail to another, and those details need to be sent like the insert action type with additional transfer details to below fields in XML.

- Transfer From Facility: ORI of the agency/facility from where the subject is transferred (lexs:Digest/lexsdigest:EntityOrganization/nc:Organization/nc:OrganizationCategoryText//nc:OrganizationName)
- Transfer To Facility: ORI of the agency/facility to where the subject is being transferred (lexs:Digest/lexsdigest:EntityActivity/nc:ActivityCategoryText)

Brief Overview of Weekender Booking Process:

Weekend booking is a functionality of JMS so it is nothing new and the JMS should have a feature to handle the weekender's booking.

The example is Jonn doe is sentenced for 3 weekends in custody. Jon Doe is admitted for the first weekend on 1/3/25. When he was booked the first time a new booking record was created with booking# 101 and seq# 0 then for the subsequent booking and releases the booking# remains same but the seq# increases by 1 for every weekend. This is how it should look like in JMS.

Booking#	Booking Seq#	Admission date/Time	Release date Time
101	0	1/3/2025 5:00 PM	
101	0	1/3/2025 5:00 PM	1/5/2025 9:00 PM
101	1	1/10/2025 5:00 PM	
101	1	1/10/2025 5:00 PM	1/12/2025 9:00 PM
101	2	2/20/2025 6.00 PM	
101	2	2/20/2025 6.00 PM	2/21/2025 5.00 PM

And so on until the inmate is finally released and no longer further weekend booking is needed.

Changes after release:

NEVCAP/NCJIS requirement is not only to send the updated data for the active booking but even after the release if the older record is changed for information like SID and FBI number then all the older affected records are also supposed to be resent to have the most current information in NCJIS.

To test it, after the release, change State Id and FBI number and send the affected booking number and booking seq# records to NEVCAP with complete set of Booking, Alias, Charge and SMT records.

Offline for a while:

If currently offline for a while, then test sending the historical records, which were in custody at the time of going offline and released later but not sent to NCJIS since the last time it was sent to NCJIS. The last date will be provided by NCC.

4. Data Elements

In this scenario we would expect all data elements are populated for each Action Type listed above.

For this refer to the Mapping Document to get the list of all the elements. (They have been provided below for your convenience.)

5. Multiple Occurrences

Submit Sample files with multiple occurrences of (2 or more...)

1. Alias

2. Charges
3. SMT

6. Parallel Testing

This is the last step of testing after steps 1 to 3 have been successfully verified.

For Parallel Testing purpose start sending production data as per current schedule to the TEST site. We will compare the current data going into Phase_1 with data coming to Phase_2.

7. Data Mapping Elements

Header	Action Type
Header	Agency Code
Header	Agency Type
Header	Submission Timestamp
Booking	-
Booking	Booking Number
Booking	Booking Sequence Number
Booking	DCN
Booking	Booking Datetime
Booking	Timestamp
Case	-
Case	Local Case Number
Case	Date Filed
Case	Filed As
Case	Judicial Authority
Case	Warrant
Subject	-
Subject	SID
Subject	FBI Number
Subject	First Name
Subject	Middle Name
Subject	Last Name
Subject	DOB
Subject	Age
Subject	Gender
Subject	Race

Subject	Height
Subject	Weight
Subject	SSN
Subject	Education
Subject	Marital Status
Subject	State of Birth
Subject	Country Of Birth
Subject	State of Residence
Subject	Country of Residence
Subject	Hispanic
Subject	Other Identification Type
Subject	Other identification Number
Subject	Other identification State
Subject	Self-reported drug use
Subject	Suicide Risk
Subject	Escape Risk
Subject	Violent Behavior
Subject Alias	-
Subject Alias	First Name
Subject Alias	Middle Name
Subject Alias	Last Name
Subject Alias	DOB
Subject Alias	SSN
Subject SMT	-
Subject SMT	SMT Code
Subject SMT	SMT Description
Custody	-
Custody	Housing Facility
Custody	Scheduled Release Date
Custody	Status
Custody	Custody Status
Custody	How Held
Custody	Held Begin Date
Custody	Held End Date
Custody	Sentence Begin Date
Custody	Release Reason Code
Custody	Release Datetime
Custody	Transfer From Facility
Custody	Transfer To Facility
Custody	Previous Booking Number
Custody	New Booking Number
Custody	Booking Merge From

Custody	Booking Merge To
Offense	-
Offense	Arresting Agency
Offense	Arrest Date
Offense	Offense Date
Charge	-
Charge	Sequence Number
Charge	Charge Counts
Charge	Charge Applicability
Charge	Statute Code
Charge	Statute Effective Date
Charge	Municipal Code
Charge	Drug Code
Charge	Bail Type
Charge	Bail Amount
Charge	Disposition Code
Photo	-
Photo	PhotoId
Photo	PhotoTypeCode
Photo	PhotoDate
Photo	PhotoBinary
Photo	SmtCode
Photo	SmtDesc