



West Virginia Medicaid

Electronic Visit Verification (EVV) Data Aggregator Specification



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130 West 42nd Street, 2nd Floor, New York, NY 10036

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| 09/12/2022 | <ul style="list-style-type: none">Member qualifier 'admissionId' added. |
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Table of Contents

| | |
|--|----|
| Introduction | 4 |
| Transmission Method and Environment Access | 4 |
| Transmission Frequency and Limits | 4 |
| Record Processing Workflow and Endpoints | 4 |
| Security | 4 |
| Authentication Endpoint..... | 5 |
| Caregiver Information..... | 7 |
| Caregiver Endpoint | 7 |
| Caregiver Data Structure..... | 8 |
| Caregiver Record Validation Rules..... | 9 |
| Electronic Visit Verification (EVV) Information..... | 10 |
| Electronic Visit Verification (EVV) Endpoints | 11 |
| EVV Request Data Structure | 11 |
| EVV Record Validation Rules..... | 18 |
| Appendix A- Acronyms..... | 19 |
| Appendix B - Code Information | 20 |
| Appendix C - HTTP Response Status Codes..... | 25 |
| Appendix D - YAML Specification | 27 |
| YAML | 27 |
| Sample Transactions | 54 |
| POST Request - Caregiver Request | 54 |
| POST Request – Batch EVV Request | 55 |
| POST Request – Update EVV Request..... | 59 |
| Appendix E – Caregiver Error Messages | 61 |
| Appendix F – EVV Error Messages | 64 |



Introduction

This specification provides guidance and instructions in preparing data for import to HHAExchange (HHAX). Herein are the various API endpoint definitions indicating required fields and proper format for a successful import.

This guide is updated on an ongoing basis as system capacities are implemented and additional functionality becomes available. The guide is intended for project management and technical teams at designated providers and/or EVV vendors who are implementing this interface.

General inquiries related to the West Virginia (WV) EVV aggregation project can be submitted via a ticket to edisupport@hhaexchange.com with the subject line 'WV EVV General Inquiry'. Cases are escalated to the Integration Support queue where an available team member will contact you directly to assist.

Transmission Method and Environment Access

HHAX provides an API for third party providers and EVV vendors to use. Providers and EVV vendors must reach out to edisupport@hhaexchange.com with the subject line 'WV API Onboarding Request' to commence the onboarding process.

Transmission Frequency and Limits

For optimal system performance, HHAX recommends that visit data is sent in near real time. The expectation is that data is sent by the provider or EVV vendor to HHAX as it is added, changed, and/or deleted in the third party EVV system. Data that is unchanged should not be resent to HHAX. HHAX provides transaction statuses on a separate API call that is initiated by the third party EVV system. HHAX allows maximum five (5) calls per second per consumer.

Record Processing Workflow and Endpoints

There are two types of messages provided to HHAX by the third-party provider or EVV vendor: (1) caregiver demographic data and (2) visit information. Note that caregiver data is to be sent to HHAX first as a record is required in HHAX for visit data to load successfully. The provider and/or EVV vendor provides data to HHAX in JSON format only.

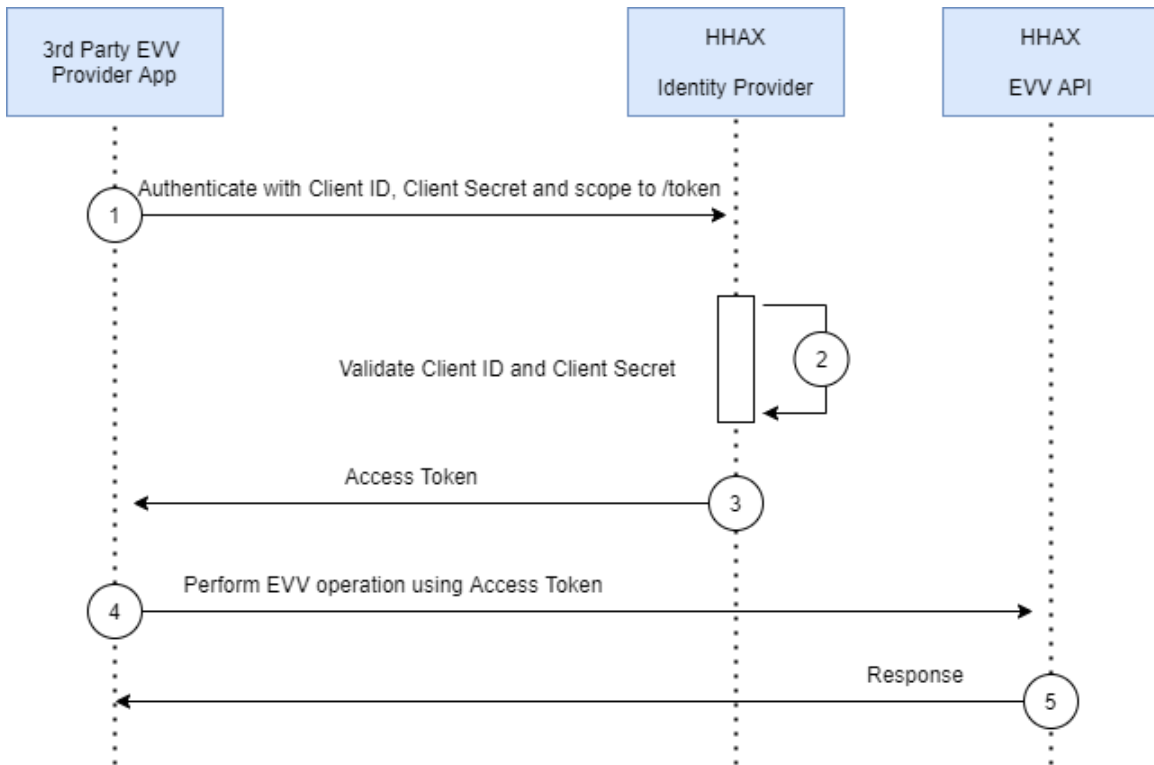
Security

The EVV APIs are exposed as a RESTful secure HTTP (HTTPS) web service for the third party EVV system. The API leverages the following HTTP Methods: POST, PUT, DELETE, and GET. The security approach for EVV interfaces incorporate "Encryption" and "Authentication and Authorization".

The EVV APIs:



- Use HTTPS with Security Socket Layer (SSL) encryption and Transport Layer Security (TLS) version 1.2. All communications with EVV APIs should be on TLS 1.2.
- Leverage OAuth2 (client id, client secret and scope) for authentication and authorization to enforce identity verification and authorization.
- Accept the data of those providers which are mapped with client ID.



Authentication Endpoint

| Use Case | HTTP Verb | URI | Request Parameter | | | Response |
|--|-----------|-------------------------|-------------------|---------------|------------------|--------------|
| | | | Type | Param | Value | |
| Generate Access Token before calling Caregiver / EVV API | POST | /identity/connect/token | BODY | client_id | Provided by HHAX | access_token |
| | | | BODY | client_secret | Provided by HHAX | |
| | | | BODY | scope | Provided by HHAX | |

1. The third party EVV system sends a request to the HHAExchange Identity Server for an Access Token (OAuth 2.0) using the “client id”, “client secret” and “scope”.
2. The HHAExchange Identity Server validates the request.
3. The HHAExchange Identity Server then generates an Access Token if the request passes validation.
4. The third party EVV system then initiates the EVV API call using the Access Token (set as bearer token in HTTP Header).
5. The HHAExchange EVV API validates the Access Token and sends a response back.



6. The Access Token expires in 30 minutes. If the token expires, then the API returns 401 (Unauthorized) response. The third party EVV system must then generate a new access token.



Caregiver Information

When the third party EVV system sends a Caregiver record, the Caregiver API processes it (creates new record or updates existing record) and returns a status along with the transaction ID for reference. The Caregiver API might overwrite an existing record if found in the system. All data sent to HHAX is loaded as-is; there is no data manipulation when processing.



API consumers must follow the rules below:

- Adhere to REST design principles while interacting with the API.
- Protocol: secure HTTP (HTTPS)
- Communication Method: Use the appropriate URI patterns along with HTTP verb (POST)
- Message Format (Request/Response): application/json
- Produce JSON payloads that meet the API specification (Refer to Appendix D).
- The API leverages the HTTP response status codes to inform the consumer (Refer to Appendix C).

Caregiver Endpoint

| Use Case | HTTP Verb | URI | Request Parameter | | | Response |
|---|-----------|----------------------------|-------------------|---------------|-------------------------|-------------------------------------|
| | | | Type | Param | Value | |
| Caregiver Request: This can be used to create a new or update an existing caregiver record. | POST | /api/v{version}/caregivers | HEAD | Authorization | Bearer {value of token} | HTTP status code and Transaction ID |
| | | | BODY | Caregiver | Caregiver record | |

Note: Refer to Appendix D for sample messages



Caregiver Data Structure

| Caregiver Demographics Interface | | | | | |
|----------------------------------|---------------------|--|------------|--------|----------|
| Index | Element | Description | Max Length | Type | Required |
| 1 | providerTaxID | Provider Tax ID - Unique Identifier for the Provider. Format: 999999999 | 9 | String | Required |
| 2 | qualifier | Identifier being sent as the unique identifier for the Caregiver. Possible Values:NPI | 50 | String | Required |
| 3 | externalID | Unique Caregiver identifier in the external system. | 20 | String | Required |
| 4 | npi | Unique Caregiver NPI # in the external system. | 10 | String | Required |
| 5 | ssn | Provider and EVV vendors should only send a default value of '999999999' for the social security number field Format: 999999999 | 9 | String | Required |
| 6 | dateOfBirth | Caregiver's Date of Birth. Format: YYYY-MM-DD Cannot be greater than the current date. | 10 | Date | Required |
| 7 | lastName | Caregiver's Last Name. | 30 | String | Required |
| 8 | firstName | Caregiver's First Name. | 30 | String | Required |
| 9 | gender | Caregiver's Gender. This is an HHAX application requirement. If you do not wish to send this, please default to 'Other'. Possible Values: Male, Female, Other | 20 | String | Required |
| 10 | email | Caregiver's Email Address. If the value is empty, then the existing value of caregiver's email address in HHAExchange is removed | 100 | String | Optional |
| 11 | phoneNumber | Caregiver's Phone Number. Format: 9999999999 If the value is empty, then the existing value of caregiver's phone number in HHAExchange is removed. | 10 | String | Optional |
| 12 | type | Caregiver's Type. Possible Value: Both | 15 | String | Required |
| 13 | stateRegistrationID | Unique ID provided by State of WV Caregiver Registration System. If the value is empty, then the existing value of caregiver's state registration ID in HHAExchange is removed. | 20 | String | Optional |



| | | | | | |
|----|---------------------------|---|-----|--------|-------------|
| 14 | professionalLicenseNumber | <p>Unique ID provided to Caregiver once credentialed by state.</p> <p>If providing self-directed services and license number is not available, please default to '999999999999'.</p> <p>If the value is empty, then the existing value of Professional License Number in HHAExchange is removed</p> | 50 | String | Required |
| 15 | hireDate | <p>Date on which caregiver hired by Provider.</p> <p>This is an HHAX application requirement. Providers and EVV vendors should default to sending 1900-01-02</p> <p>Format: YYYY-MM-DD</p> | 10 | Date | Required |
| 16 | npi | <p>When Required: When "qualifier" is set as "NPI".</p> <p>Caregiver NPI Number</p> | 10 | String | Situational |
| 17 | address | | | | |
| | addressLine1 | Individual's street address. | 100 | String | Optional |
| | addressLine2 | Individual's additional street address information if applicable. | 50 | String | Optional |
| | city | City | 50 | String | Optional |
| | state | State abbreviation (2 letter state code) e.g. WV | 2 | String | Required |
| | zipcode | Zip Code (5 or 9-digit format i.e., 12345). Format: 99999 OR 999999999 | 9 | String | Required |

Notes: Optional fields are not required

Caregiver Record Validation Rules

- If data is received and any required elements are missing, distorted, or incomplete, then the record is rejected.
- Records are processed in the order they are received.
- For any field listed as data type 'string', if the field is longer than the maximum allowed in the specification, then HHAX truncates to the maximum length for that specific field.
- The API allows an update of a Caregiver record if the Authentication Endpoint ClientID used when creating the record matches.
- The Provider should be linked with the Authentication Endpoint ClientID to create or update Caregiver records via the API.
- Refer to Appendix E for detailed error messages.



Electronic Visit Verification (EVV) Information

When the third party EVV system sends EVV records, the EVV API returns a transaction ID. This transaction ID can be queried by the caller to get status of the EVV records. Upon successful submission of an EVV record, an EVVMSID is returned along with status. The EVVMSID can be used to update or delete that EVV record in the future. All data sent to HHAX is loaded as-is; there is no data manipulation when processing.

- Third party EVV systems can submit multiple EVV records (new or update) per request. Currently a maximum of 100 EVV records are allowed per request.
- Third party EVV systems can submit EVV records from multiple providers.
- If the EVV data does not pass validations, the records are rejected with the appropriate error code and message. The EVV Provider can react by resubmitting corrected EVV records.

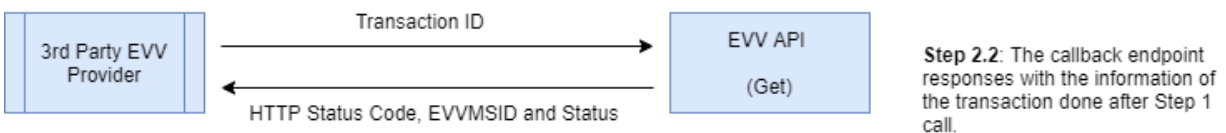
An option exists for the 3rd party EVV submitter to provide the EVVMSID. The external EVVMSID must be unique across agencies if the 3rd party is sending on behalf of multiple agencies using same Client ID.

- This value must be prefixed with a tilde ("~") sign to differentiate it from the HHAX derived EVVMSID.
- The EVV submitter will be responsible to pass a Unique Visit Identifier as the EVVMSID for each new visit created in the system.
- When selecting this option use the same EVVMSID **with the prefixed tilde** when calling the PUT and DELETE endpoints.
- Using this option, the HHAX EVVMSID will still be returned in the transactions endpoint and can be used interchangeably.

Stage 1



Stage 2



API consumers must adhere to the following rules:

- Adhere to REST design principles while interacting with the API.
- Protocol: secure HTTP (HTTPS)
- Communication Method: Use the appropriate URI patterns along with HTTP verb (POST, PUT, DELETE, and GET)
- Message Format (Request/Response): application/json



- Produce JSON payloads that meet the API specification (Refer to Appendix D).
- API leverages the HTTP response status codes to inform the consumer (Refer to Appendix C).

Electronic Visit Verification (EVV) Endpoints

| Use Case | HTTP Verb | URI | Request Parameter | | | Response |
|--|-----------|---|-------------------|---------------|-------------------------|--------------------------------------|
| | | | Type | Param | Value | |
| Batch EVV Request: This can be used for submitting one or many visit records (New or Update EVV record). | POST | /api/v{version}/visits | HEAD | Authorization | Bearer {value of token} | HTTP status code and Transaction ID |
| | | | BODY | Visits | Array of visit records | |
| Update EVV Request: This can be used to update specific visit record. | PUT | /api/v{version}/visits/{evvmsid} | HEAD | Authorization | Bearer {value of token} | HTTP status code and Transaction ID |
| | | | BODY | Visit | visit record | |
| Delete EVV Request: This can be used to delete specific visit record. | DELETE | /api/v{version}/visits/{evvmsid} | HEAD | Authorization | Bearer {value of token} | HTTP status code and Transaction ID |
| Check Transaction Status: This can be used to get status of transaction which was submitted earlier. | GET | /api/v{version}/visits/transactions/{transactionId} | HEAD | Authorization | Bearer {value of token} | HTTP status code, EVVMSID and Status |

Note: Refer to Appendix D for sample messages

EVV Request Data Structure

POST and PUT Operation

| EVV Interface | | | | | |
|---------------|---------------|---|------------|--------|-----------|
| Index | Element | Description | Max Length | Type | Required? |
| 1 | providerTaxID | Provider Tax ID - Unique Identifier for the Provider. Format: 999999999 | 9 | String | Required |
| Office | | | | | |
| 2 | qualifier | Value being sent to uniquely identify the member. Possible Values: FederalTaxID, NPI If agency has multiple locations, HHAX expects to receive office-level tax ID or NPI. If agency operates a single office location, same tax ID can be submitted as 'providerTaxID' above. | 50 | String | Required |
| | identifier | Office identifier identified by Office Qualifier. | 64 | String | Required |
| Member | | | | | |
| 3 | qualifier | Value being sent to uniquely identify the member. Possible Values: MedicaidID | 50 | String | Required |
| | identifier | Member identifier identified by Member Qualifier. | *64 | String | Required |



| | | | | | |
|------------------|-----------------------|---|-----|-----------------|-------------|
| | | *Length of this field will be based on the qualifier (For MedicaidID, it will be 50 characters) | | | |
| | admissionId | Secondary Member identifier. If patient has multiple profiles in HHAX, send both Member qualifier and Admission ID. | 80 | String | Optional |
| Caregiver | | | | | |
| 4 | qualifier | Value being sent to unique identify the Caregiver. Possible Values: NPI | 50 | String | Required |
| | identifier | Caregiver identifier identified by Caregiver Qualifier. *Length of this field will be based on the qualifier (For NPI, it will be 20 characters) | *64 | String | Required |
| 5 | payerID | HHAX assigned ID for the payer. Payer ID is determined during the implementation process. Refer to Appendix B for code information. | 50 | String | Required |
| 6 | externalVisitID | Unique Visit identifier in the external system. | 30 | String | Required |
| 7 | evvmsId | Unique Visit identifier in the HHAX aggregator system. HHAX EVVMSID: <ul style="list-style-type: none"> Required for updates to the EVV record. External EVVMSID: <ul style="list-style-type: none"> Required for creation and updates to the EVV record. If externally sourced, must start with a "~" and contain alphanumeric, the "_" or "." characters. | 64 | String | Situational |
| 8 | procedureCode | This is the billable procedure code which would be mapped to the associated service. Refer to Appendix B for code information. | 50 | String | Required |
| 9 | procedureModifierCode | Two characters Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage. Refer to Appendix B for code information. | 2 | Array of String | Optional |
| 10 | timezone | Time zone visit data is captured in. Required timezone: US/Eastern All time sent to HHAX from third party provider will be in UTC. Time zone values are based on the Internet Assigned Numbers Authority (IANA) Time Zone Database, which contains data that represents the history of local time for locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules. | 20 | String | Required |



| | | | | | |
|--|--------------------|---|--|----------|-------------|
| 11 | scheduleStartTime | Schedule Start Time in UTC Time. Format: YYYY-MM-DDThh:mm If the schedule already exists in HHAExchange, the Schedule Start Time is overwritten. | | DateTime | Required |
| 12 | scheduleEndTime | Schedule End Time in UTC Time. Format: YYYY-MM-DDThh:mm If the schedule already exists in HHAExchange, the Schedule Start Time is overwritten | | DateTime | Required |
| 13 | visitStartDateTime | When Required: When "Visit End Date Time" OR "EVV Clock In Time" is provided. Visit Start Time in UTC Time. Format: YYYY-MM-DDThh:mm If a value is provided in this field, then the schedule is confirmed with the start time provided. Cannot be greater than current date. If the value is empty, then the existing value of Visit Start Time in HHAExchange is removed | | DateTime | Situational |
| 14 | visitEndDateTime | When Required: When "EVV Clock Out Time" is provided. Visit End Time in UTC Time. Format: YYYY-MM-DDThh:mm If a value is provided in this field, then the Schedule is confirmed with the End Time provided. Must be greater than Visit Start Date Time. Cannot be greater than current date. If the value is empty, then the existing value of Visit End Time in HHAExchange is removed. | | DateTime | Situational |
| 15 | timesheetRequired | Timesheet Required. Possible Values: True or False An empty value is considered as "False". If the value is empty, then the existing value of Timesheet Required in HHAExchange is removed. | | Boolean | Optional |
| 16 | timesheetApproved | Timesheet Approved. Possible Values: True or False An empty value is considered as "False". If the value is empty, then the existing value of Timesheet Approved in HHAExchange is removed. If timesheetRequired is set as "False", then this field's value is ignored. | | Boolean | Optional |
| Evv | | | | | |
| clockIn: When Required: if EVV Clock In Time is confirmed via EVV | | | | | |
| 1 | callDateTime | When Required: if EVV Clock In Time is confirmed via EVV EVV Clock In Time in UTC Time. Format: YYYY-MM-DDThh:mm | | DateTime | Situational |



| | | | | | |
|--|------------------------|--|-----|---------------|-------------|
| | | If a value is provided in this field, then the Visit Start Time is marked as confirmed via EVV; otherwise, it is considered manually confirmed if visitStartDateTime is provided. | | | |
| 2 | callType | When Required: if EVV Clock In Time is confirmed via EVV The type of device used to create the event. Values: Telephony, Mobile and FOB. Any call with GPS data collected should be identified as Mobile. | 20 | String | Situational |
| 3 | callLatitude | When Required: - If EVV Clock In Time is confirmed by GPS (i.e. CallType = Mobile) GPS Latitude recorded during event. Latitude has a range of -90 to 90 with a 6-digit precision. | | Decimal (8,6) | Situational |
| 4 | callLongitude | When Required: - If EVV Clock In Time is confirmed by GPS (i.e. CallType = Mobile) GPS Longitude recorded during event. Longitude has a range of -180 to 180 with a 6-digit precision. | | Decimal (9,6) | Situational |
| 5 | originatingPhoneNumber | When Required: - If EVV Clock In Time is confirmed by Telephony (i.e. CallType = Telephony) Originating Phone Number (Caller ID) for telephony. Format: 9999999999 If a value is provided in this field, then it is considered as a Telephony confirmation and this phone number is imported into HHAExchange. | 10 | String | Situational |
| serviceAddress | | | | | |
| 6 | addressLine1 | Individual's street address. | 100 | String | Situational |
| | addressLine2 | Individual's additional street address information if applicable. | 50 | String | Optional |
| | city | City | 50 | String | Situational |
| | state | State abbreviation (2 letter state code). | 2 | String | Situational |
| | zipcode | Zip Code (5 or 9-digit format i.e., 12345). Format: 99999 OR 999999999 | 9 | String | Situational |
| clockOut: When Required: if EVV Clock Out Time is confirmed via EVV | | | | | |
| 1 | callDateTime | When Required: if EVV Clock Out Time is confirmed via EVV EVV Clock Out Time in UTC Time. Format: YYYY-MM-DDThh:mm If a value is provided in this field, then the Visit End Time is marked as confirmed via EVV; otherwise, it is considered manually confirmed if visitEndDateTime is provided. | | DateTime | Situational |



| | | | | | |
|---|------------------------|--|-----|-----------------|-------------|
| 2 | callType | When Required: if EVV Clock Out Time is confirmed via EVV The type of device used to create the event. Values: Telephony, Mobile and FOB. Any call with GPS data collected should be identified as Mobile. | 20 | String | Situational |
| 3 | callLatitude | When Required: - If EVV Clock In Time is confirmed by GPS (i.e. CallType = Mobile) GPS Latitude recorded during event. Latitude has a range of -90 to 90 with a 6-digit precision. | | Decimal (8,6) | Situational |
| 4 | callLongitude | When Required: - If EVV Clock Out Time is confirmed by GPS (i.e. CallType = Mobile) GPS Longitude recorded during event. Longitude has a range of -180 to 180 with a 6-digit precision. | | Decimal (9,6) | Situational |
| 5 | originatingPhoneNumber | When Required: - If EVV Clock Out Time is confirmed by Telephony (i.e. CallType = Telephony) Originating Phone Number (Caller ID) for telephony. Format: 9999999999 | 10 | String | Situational |
| 6 | performedTasks | List of performed task codes. Refer to Appendix B for code information. | | Array of String | Optional |
| 7 | refusedTasks | List of refused task codes. Refer to Appendix B for code information. | | Array of String | Optional |
| 8 | serviceAddress | | | | |
| | addressLine1 | Individual's street address. | 100 | String | Situational |
| | addressLine2 | Individual's additional street address information if applicable. | 50 | String | Optional |
| | city | City | 50 | String | Situational |
| | state | State abbreviation (2 letter state code). | 2 | String | Situational |
| | zipcode | Zip Code (5 or 9-digit format i.e., 12345). Format: 99999 OR 999999999 | 9 | String | Situational |
| missedVisit: When Required: When Visit is marked as Missed | | | | | |
| 1 | missed | When Required: When Visit is marked as Missed Possible Values: True or False An empty value is considered as False. If the value is True, then the Visit is marked as a 'Missed' Visit. If False, then the Missed Visit is removed from HHAX if Visit was previously marked as missed and schedule reappears (if the Visit is not yet billed in HHAX). If the Visit is already billed in HHAX, then this flag is ignored. | | Boolean | Situational |
| 2 | reasonCode | When Required: When Missed Visit = True Missed Visit Reason Code | 4 | String | Situational |



| | | | | | |
|------------------|-----------------------|--|-----|---------------|-------------|
| | | If the value is empty, then the existing value of Reason in HHAExchange is not removed. Refer to Appendix B for code information. | | | |
| 3 | actionCode | When Required: When Missed Visit = True Missed Visit Action Code. If the value is empty, then the existing value of Action Taken in HHAExchange is not removed. Refer to Appendix B for code information. | 4 | String | Situational |
| 4 | notes | Free Text Notes - Data in this field is imported as Visit Notes. Reason/Description of the change being made if entered. If the value is empty, then the existing value of Notes in HHAExchange is not removed. | 256 | String | Optional |
| editVisit | | | | | |
| 1 | edited | When Required: When Visit is updated after confirmation Possible Values: True or False If the value is True, then the Visit is considered as manually updated. An empty value is considered as False. | | Boolean | Situational |
| 2 | reasonCode | When Required: When Edit Visit = True Edit Visit Reason Code. If the value is empty, then the existing value of Reason in HHAExchange is not removed. Refer to Appendix B for code information. | 4 | String | Situational |
| 3 | actionCode | When Required: When Edit Visit = True Edit Visit Action Code. If the value is empty, then the existing value of Action Taken in HHAExchange is not removed. Refer to Appendix B for code information. | 4 | String | Situational |
| 4 | Notes | Free Text Notes - Data in this field is imported as Visit Notes. Reason/Description of the change being made if entered. If the value is empty, then the existing value of Notes in HHAExchange is not removed. | 256 | String | Optional |
| Billing | | | | | |
| 1 | externalInvoiceNumber | When Required: Visit is Billed in the Provider's third party EVV System If a value is provided in this field, it is considered a Billed Visit in the Provider's third party EVV System. This invoice number is imported into HHAExchange and the Visit is billed in HHAExchange via the overnight process. If the value is empty, then the existing value of Invoice Number in HHAExchange is removed | 18 | String | Situational |
| 2 | totalBilledAmount | When Required: When Visit is billed; this field should be sent along with externalInvoiceNumber. Total billed amount in third party system. | | Decimal (8,2) | Situational |
| 3 | totalUnitsBilled | When Required: When visit is billed; this field should be sent along with externalInvoiceNumber. Total units billed in third party system | 5 | Integer | Situational |



| | | | | | |
|---|---------------------------------|--|----|-----------------|-------------|
| 4 | contractRate | When Required: When visit is billed; this field should be sent along with externalInvoiceNumber. Hourly contract rate. | | Decimal (8,2) | Situational |
| 5 | diagnosisCodes | When Required: When visit is billed; this field should be sent along with externalInvoiceNumber. Diagnosis Code Up to 26 of these are allowed. | 50 | Array of String | Situational |
| billSecondaryPayer : When Required: When Visit has secondary bill info | | | | | |
| 1 | enableSecondaryBilling | When Required: When Visit has secondary billing info. Possible Values: True or False If the value is True, then the Visit is considered to have secondary billing info. An empty value is considered as False. | | Boolean | Situational |
| 2 | otherSubscriberId | When Required: When enableSecondaryBilling = true Other Subscriber ID | 80 | String | Situational |
| 3 | primaryPayerId | When Required: When enableSecondaryBilling = true Primary Payer ID | 80 | String | Situational |
| 4 | primaryPayerName | When Required: When enableSecondaryBilling = true Primary Payer Name | 60 | String | Optional |
| 5 | relationshipToInsured | Relationship to Insured If the value is empty, then the existing value of Reason in HHAExchange is removed. Refer to Appendix B for code information. | 2 | String | Situational |
| 6 | primaryPayerPolicyOrGroupNumber | When Required: When enableSecondaryBilling = true Primary payer policy or Group number | 3 | String | Situational |
| 7 | primaryPayerProgramName | Primary Payer Program Name If the value is empty, then the existing value of Reason in HHAExchange is removed. | 2 | String | Situational |
| 8 | planType | Plan Type If the value is empty, then the existing value of Reason in HHAExchange is removed. Refer to Appendix B for code information. | 2 | String | Situational |
| 9 | totalPaidAmount | When Required: When enableSecondaryBilling = true Total Paid Amount | | Decimal (7,2) | Situational |
| 10 | paidDate | When Required: When enableSecondaryBilling = true Paid Date | | Decimal (7,2) | Situational |
| 11 | Deductible | Deductible If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |



| | | | | | |
|----|-----------------------|--|--|------------------|-------------|
| 12 | Coinsurance | Coinsurance. If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |
| 13 | Copay | Copay If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |
| 14 | contractedAdjustments | Contracted Adjustments If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |
| 15 | notMedicallyNecessary | Not Medically Necessary If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |
| 16 | nonCoveredCharges | Non-Covered Charges If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |
| 17 | maxBenefitExhausted | Max Benefit Exhausted If the value is empty, then the existing value of Reason in HHAExchange is removed. | | Decimal (7,2) | Situational |

Note: Optional fields are not required. Situational fields are dependent on other fields and may be required as indicated. For example, if a Missed Visit is marked as True, then the Situational fields Missed Visit Reason Code and Missed Visit Action Code are required.

EVV Record Validation Rules

- **Visit data from 3/1/2021 forward should be sent to HHAX**
- All timestamp data is to be sent in UTC (Coordinated Universal Time).
- If data is received and any required elements are missing, distorted, or incomplete, then the record is rejected.
- Records are processed in the order they are received.
- EVVMSID:
 - This element is unique and is assigned to each visit record sent to HHAX by the third party EVV system once the record enters HHAX's aggregator.
 - This element is shared with the third party EVV system with the expectation that this is loaded and stored in the third party EVV system.
 - This element should be sent by the third party EVV system to HHAX each time an update occurs on an existing record that is being resent to HHAX.
- External EVVMSID (alternative):
 - The external EVVMSID must be a combination of alphanumeric characters and can include dashes ("-") or underscores ("_"). The maximum length of the external EVVMSID is 64 characters (excluding the tilde).



- For any field listed as data type 'string', if the field is longer than the maximum allowed in the specification, then HHAX truncates to the maximum length for that specific field.
- The API allows an update of the EVV record if the following fields match within the HHAX system:
 - ClientID
 - EVVMSID or External EVVMSID
 - Provider Federal Tax ID
 - Payer ID
- The API allows deletion of an EVV record if the following fields match within the HHAX system:
 - ClientID
 - EVVMSID or External EVVMSID
- If EVV Clock In is provided, then the EVV Clock Out is not mandatory. If the EVV Clock Out is provided, then the EVV Clock In is mandatory.
- If visit start and end times are provided without EVV Clock In and Clock Out, then the visit is considered manually confirmed.
- Once the visit is confirmed manually, then EVV Clock In/Out is not allowed in subsequent requests.
- Once the EVV Clock In/Out is completed, then a change to an EVV Clock In/Out is not allowed in subsequent requests.
- If the Provider sends visit data with missed visit information and Clock In/Out information, then the API rejects this request.
- If the visit has already been marked as a missed visit and a provider sends an updated record with Clock In/Out information as well as the missed visit marked as 'false', then the API removes the original missed visit flag and capture the new Clock In/Out and missed visit 'false' information.
- Provider should be linked with Authentication Endpoint Client ID to create or update EVV records via API.
- Refer to Appendix F for detailed error messages.

Appendix A- Acronyms

| Acronym | Literal Translation |
|---------|--|
| API | Application Programming Interface |
| EVV | Electronic Visit Verification |
| JSON | JavaScript Object Notation |
| REST | Representational State Transfer |
| SSL/TSL | Secure Sockets Layer/Transport Layer Security |
| URL/URI | Uniform Resource Locator/Uniform Resource Identifier |



Appendix B - Code Information

| Payer Initials | |
|-----------------|----------|
| MCO/Payer | Initials |
| Aetna | ATWV |
| Fee for Service | FFWV |

| Missed Visit Edit Reason Codes | |
|--------------------------------|---|
| Code | Description |
| 600 | Agency unable to provide replacement coverage (no show, no replacement) |
| 601 | Attendant failed to report to Member's home |
| 602 | Member requested to change/cancel scheduled visit; or the scheduled visit has been cancelled due to the Member's services being suspended |
| 603 | Member Refused Service |
| 604 | Member Refused Service - original aide on vacation |
| 608 | Hospitalization unplanned |
| 605 | COVID-19: All other cases where the agency could not staff due to COVID-19 |
| 607 | COVID-19: Member refused, self-isolating, not receiving service |
| 606 | COVID-19: Member refused, receiving service through informal supports |
| 609 | Other |

| Missed Visit Edit Action Taken | |
|--------------------------------|---|
| Code | Description |
| 501 | Confirmed with the Member or the Member's family member/representative and documented (this service cannot be billed) |
| 502 | New attendant assigned to member (this service cannot be billed) |
| 503 | Other (this service cannot be billed) |
| 504 | Service(s) cancelled or suspended until further notice (this service cannot be billed) |
| 505 | Unverified visit; this service cannot be billed |
| 506 | Visit rescheduled (this service cannot be billed) |



| Visit Edit Reason Codes | |
|-------------------------|---|
| Code | Description |
| 200 | Phone number did not link to the Member |
| 201 | Member won't let attendant use phone |
| 202 | Member doesn't have a phone in home |
| 203 | Phone in use by member or individual in member's home |
| 204 | Member received services outside of the home |
| 205 | Member's phone line not working (technical issue or natural disaster) |
| 206 | Member requested to change/cancel scheduled visit; or the scheduled visit has been cancelled due to the Member's services being suspended |
| 207 | Address did not link to the Member (GPS) |
| 208 | Attendant failed to call in |
| 209 | Attendant failed to call out |
| 210 | Attendant failed to call in and out |
| 211 | Attendant called in to or out of the EVV system early or late |
| 212 | Attendant's identification number (s) does not match the scheduled shift or task discrepancy/task does not match plan of care |
| 213 | Attendant entered invalid fixed location device code(s) |
| 214 | Attendant failed to report to Member's home |
| 215 | Fixed location device on order or pending placement in the home |
| 216 | Fixed location device malfunctioned |
| 217 | Attendant unable to use mobile device |
| 218 | Attendant unable to connect to internet or EVV system down |
| 219 | Data Entry Error |
| 220 | Agency unable to provide replacement coverage (no show, no replacement) |
| 221 | Timesheet Received |
| 222 | Other |



| Visit Edit Action Taken | |
|-------------------------|---|
| Code | Description |
| 101 | Confirmed visit with outside entity and documented |
| 103 | New attendant assigned to Member |
| 104 | Visit rescheduled |
| 105 | Service(s) cancelled or suspended until further notice |
| 106 | Updated Member's address and documented |
| 107 | Updated Member's phone number and documented |
| 108 | Changed verification collection method and documented |
| 109 | Timesheet received and signed by supervisor |
| 110 | Mutual Case/ or Cluster Case/ or Live-in Case |
| 111 | Change in schedule |
| 122 | Unverified visit; this service cannot be billed |
| 123 | Supervisor approved change |
| 124 | Confirmed with the Member or the Member's family member/representative and documented (this service cannot be billed) |
| 125 | Timesheet Verified |
| 126 | Other |



| Duties | | |
|--------|-----------------------------|----------------------------|
| Code | Task Name | HHAX Category |
| 115 | Meal Preparation | Personal Care |
| 116 | Housework/Chore | Personal Care |
| 117 | Managing Finances | Personal Care |
| 118 | Managing Medications | Personal Care |
| 119 | Shopping | Personal Care |
| 120 | Transportation | Personal Care |
| 122 | Hygiene | Personal Care |
| 123 | Dressing Upper | Personal Care |
| 124 | Dressing Lower | Personal Care |
| 125 | Locomotion | Personal Care |
| 126 | Transfer | Personal Care |
| 127 | Toilet Use | Personal Care |
| 128 | Bed Mobility | Personal Care |
| 129 | Eating | Personal Care |
| 130 | Bladder Incontinence | Personal Care |
| 131 | Bowel Incontinence | Personal Care |
| 132 | Personal Care T1019 | Personal Care |
| 134 | Bathing | Personal Care |
| 135 | Bathing | Personal Care |
| 137 | Lotion/Ointment | Personal Care |
| 138 | Laundry | Personal Care |
| 139 | Reading/Writing | Personal Care |
| 140 | Supervision/Coaching/Cueing | Personal Care |
| 141 | Incontinence Care | Personal Care |
| 142 | Catheter Care | Personal Care |
| 143 | Wound Care | Personal Care |
| 144 | G-Tube Feeding | Personal Care |
| 145 | Stairs | Personal Care |
| 201 | In Person | Patient Support Activities |
| 202 | Via Telephone | Patient Support Activities |
| 203 | Other | Patient Support Activities |
| 206 | Phone Use | Personal Care |



| Procedure Codes | | | |
|--|-----------------|----------------|-------|
| Description | Unit of Service | Procedure Code | Payer |
| Case Management ADW | Visit | G9002:U1 | FFS |
| Personal Attendant-Traditional ADW | Hourly | S5130 | FFS |
| Personal Attendant-Personal Options ADW | Hourly | S5130:U1 | FFS |
| Case Management (Effective until 3/31/2021) TBIW | Hourly | T1016:UB | FFS |
| Case Management (Effective from 4/1/2021) TBIW | Visit | G9002:U2 | FFS |
| Personal Attendant-Traditional TBIW | Hourly | S5125:UB | FFS |
| Personal Attendant-Personal Options TBIW | Hourly | S5125:UC | FFS |
| Service Coordination (Effective until 3/31/2021) IDWW | Hourly | T1016:HI | FFS |
| Case Management-NF/SFC (Effective from 4/1/2021) IDWW | Visit | G9002:U3 | FFS |
| Case Management-ISS/GH (Effective from 4/1/2021) IDWW | Visit | G9002:U4 | FFS |
| Home-Based Person-Centered Support-Traditional IDWW 1:1 Ratio | Hourly | S5125:U7 | FFS |
| Home-Based Person-Centered Support-Traditional IDWW 1:2 Ratio | Hourly | S5125:U8 | FFS |
| Family Person-Centered Support-Personal Options IDWW 1:1 Ratio | Hourly | S5125:UA | FFS |
| In-Home Respite-Traditional IDWW 1:1 Ratio | Hourly | T1005:UA | FFS |
| In-Home Respite-Traditional IDWW 1:2 Ratio | Hourly | T1005:UB | FFS |
| In-Home Respite-Personal Options IDWW 1:1 Ratio | Hourly | T1005:UD | FFS |
| Direct-Care Worker PC | Hourly | T1019 | FFS |
| Case Management CSEDW | Hourly | T1016:HA | Aetna |
| Independent Living/Skills Building CSEDW | Hourly | H2033:HA | Aetna |
| Respite Care In-Home CSEDW 1:1 Ratio | Hourly | T1005:HA | Aetna |

| Relationship to Insured | |
|-------------------------|--------------|
| Code | Relationship |
| 01 | Spouse |
| 18 | Self |
| 19 | Child |
| G8 | Other |

| Plan Type | |
|-----------|------------------------|
| Code | Plan Type |
| BL | Blue Cross/Blue Shield |
| CH | Champus |



| | |
|----|--------------------------|
| CI | Commercial Insurance Co. |
| MB | Medicare Part B |
| MC | Medicaid" |

Appendix C - HTTP Response Status Codes

The APIs follow REST design principles and return an HTTP response status code. The following series of status codes can be categorized:

- 2xx: Success – This status code class indicates that the client's request was successfully received, understood, and accepted.
- 4xx: Client Error – This status code class indicates that the client seems to have erred. The EVV Providers must take an action to resolve the returned error.
- 5xx: Server Error – This status code class indicates that the server is responsible for the status code errors. HHAeXchange must take an action to resolve the error.

The following are the HTTP Response Status Codes returned by the APIs and their meaning.

| HTTP Status Code | Result | Status | Description |
|------------------|--------------|--------------|--|
| 200 | Success | OK | Standard response for successful HTTP requests. |
| 201 | | Created | The request has been fulfilled and resulted in a new resource being created. |
| 202 | | Accepted | The request has been accepted for processing, but the processing has not been completed. The request might or might not eventually be acted upon, as it might be disallowed when processing takes place. |
| 400 | Client Error | Bad Request | The request cannot be fulfilled due to bad syntax. General error when fulfilling the request would cause an invalid state. Domain validation errors, missing data, etc. are some examples. |
| 401 | | Unauthorized | The request requires user authentication information. The response must include a WWW-Authenticate header field containing a challenge applicable to the requested resource. |
| 403 | | Forbidden | The client does not have access rights to the content. Unlike 401, the client's identity is known to the server. Contact HHAeXchange at edisupport@hhaexchange.com to gain permission to access the API. |



| | | | |
|-----|--------------|-----------------------|---|
| 404 | | Not Found | The requested resource could not be found but may be available again in the future. Subsequent requests by the client are permissible. |
| 429 | | Too Many Requests | The user has sent too many requests in a given amount of time. Intended for use with rate limiting schemes. |
| 500 | Server Error | Internal Server Error | The server encountered an unexpected condition which prevented it from fulfilling the request. The request can be tried again once the API issues have been resolved. |



Appendix D - YAML Specification

YAML

```
openapi: 3.0.1

info:
  title: Electronic Visit Verification Aggregator API
  description: This HHAExchange service will enable Providers and Vendors in the HealthCare space to upload their Electronic Visit Verification information to the selected State Aggregator to achieve compliance with the 21st Century Cures Act.
  version: v1

paths:
  '/api/v{version}/caregivers':
    post:
      tags:
        - Caregivers
      parameters:
        - name: version
          in: path
          required: true
          schema:
            type: string
      requestBody:
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/Caregiver'
      responses:
        '200':
          description: Success
        '400':
```



```
description: Bad Request
content:
  application/json:
    schema:
      $ref: '#/components/schemas/ProblemDetails'
'500':
  description: Server Error
'/api/v{version}/visits':
  post:
    tags:
      - Visits
    summary: Create/Update visit in batch.
    parameters:
      - name: version
        in: path
        required: true
        schema:
          type: string
    requestBody:
      description: Visit Information.
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/Visits'
    responses:
      '202':
        description: Success
      '400':
        description: Bad Request
```



```
content:
  application/json:
    schema:
      $ref: '#/components/schemas/ProblemDetails'
'500':
  description: Server Error
'/api/v{version}/visits/{evmsid}':
  put:
    tags:
      - Visits
    summary: Update existing visit.
    parameters:
      - name: version
        in: path
        required: true
        schema:
          type: string
      - name: evmsid
        in: path
        required: true
        schema:
          type: string
    requestBody:
      description: Visit Information.
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/Visit'
    responses:
```



```
'202':
  description: Success

'500':
  description: Server Error

delete:
  tags:
    - Visits
  summary: Delete existing visit.
  parameters:
    - name: evvmsid
      in: path
      description: The Unique Visit identifier in the HHAX Aggregator.
      required: true
      schema:
        maxLength: 64
        type: string
        description: The Unique Visit identifier in the HHAX Aggregator.
        example: BA505E35-B6BD-4895-B93C-A63127A6BB99
    - name: version
      in: path
      required: true
      schema:
        type: string
  responses:
    '202':
      description: Success
    '500':
      description: Server Error

'/api/v{version}/visits/transactions/{transactionId}':
```



```
get:
  tags:
    - Visits
  summary: Get transaction details.
  parameters:
    - name: transactionId
      in: path
      description: Gets or Sets The Unique Visit transactionId in the HHA
X Aggregator.
      required: true
      schema:
        maxLength: 64
        type: string
      description: Gets or Sets The Unique Visit transactionId in the H
HAX Aggregator.
    - name: version
      in: path
      required: true
      schema:
        type: string
  responses:
    '200':
      description: Success
    '204':
      description: Success
    '500':
      description: Server Error
components:
  schemas:
    Address:
```



required:

- state
- zipcode

type: object

properties:

addressLine1:

maxLength: 100

type: string

description: Individual's street address.

nullable: true

example: 0 Airport 200 Riser Rd

addressLine2:

maxLength: 50

type: string

description: Individual's additional street address information if applicable.

nullable: true

example: Little Ferry

city:

maxLength: 50

type: string

description: city.

nullable: true

example: Montclair

state:

maxLength: 2

type: string

description: State abbreviation.

example: NJ



```
zipcode:
  maxLength: 9
  type: string
  description: 'Zip Code (5 or 9-
digit format i.e., 12345). Format: 99999 OR 999999999.'
  example: '07643'
  additionalProperties: false
Caregiver:
  required:
    - dateOfBirth
    - externalID
    - firstName
    - gender
    - hireDate
    - lastName
    - professionalLicenseNumber
    - providerTaxId
    - qualifier
    - ssn
    - type
  type: object
  properties:
    providerTaxId:
      maxLength: 9
      type: string
      description: Provider Tax ID - Unique Identifier for the Provider.
      example: '999999999'
    qualifier:
      maxLength: 50
```



```
    type: string
    description: 'Identifier being sent as the unique identifier for the Caregiver. Values: NPI.'
    example: ExternalID
externalID:
    maxLength: 20
    type: string
    description: Unique Caregiver identifier in the external system.
npi:
    type: string
    description: Unique Caregiver identifier in the external system.
    example: '1234'
ssn:
    maxLength: 9
    type: string
    description: 'Social Security Number of the Caregiver (Format: 9999
99999) '
    example: 999999999
dateOfBirth:
    type: string
    description: 'Caregiver's Date of Birth (Format: YYYY-MM-DD) '
    format: date
lastName:
    maxLength: 30
    type: string
    description: Caregiver's Last Name
firstName:
    maxLength: 30
    type: string
    description: Caregiver's First Name
```



```
gender:
  maxLength: 20
  type: string
  description: 'Caregiver's Gender Values: Male, Female, Other'
  example: Male
email:
  maxLength: 100
  type: string
  description: Caregiver's Email Address
  nullable: true
phoneNumber:
  maxLength: 10
  type: string
  description: Caregiver's Phone Number.
  nullable: true
type:
  maxLength: 15
  type: string
  description: 'Caregiver's Type. Value: Both'
  example: Both
stateRegistrationID:
  maxLength: 20
  type: string
  description: Unique ID provided by State of NJ Caregiver Registrati
on System.
  nullable: true
professionalLicenseNumber:
  maxLength: 50
  type: string
```



```
description: Unique ID provided to Caregiver once credentialed by s  
tate.
```

```
hireDate:  
  type: string  
  description: 'Date on which caregiver hired by Provider (Format: YY  
YY-MM-DD) '
```

```
  format: date  
address:  
  $ref: '#/components/schemas/Address'
```

```
additionalProperties: false
```

```
ProblemDetails:  
  type: object  
  properties:
```

```
    type:  
      type: string  
      nullable: true
```

```
    title:  
      type: string  
      nullable: true
```

```
    status:  
      type: integer  
      format: int32  
      nullable: true
```

```
    detail:  
      type: string  
      nullable: true
```

```
    instance:  
      type: string  
      nullable: true
```

```
additionalProperties: {}
```



Office:

required:

- identifier
- qualifier

type: object

properties:

qualifier:

maxLength: 50

type: string

description: Value being sent to uniquely identify the Office.

example: NPI

identifier:

maxLength: 64

type: string

description: Office identifier identified by Office Qualifier.

example: '123456789'

additionalProperties: false

description: Unique Identifier for the Provider and Office.

Member:

required:

- identifier
- qualifier

type: object

properties:

qualifier:

maxLength: 50

type: string

description: Value being sent to uniquely identify the member.

example: MedicaidID



```
    identifier:
      maxLength: 64
      type: string
      description: Member identifier identified by Member Qualifier.
      example: 1EG4TE5NL74
  admissionId:
    maxLength: 80
    type: string
    description: Patient admissionId and this field required to identify
    unique patient even if medicaidId are same.
    example: AB0001

    additionalProperties: false
    description: Value being sent to uniquely identify the member.
  CaregiverInfo:
    required:
      - identifier
      - qualifier
    type: object
    properties:
      qualifier:
        maxLength: 50
        type: string
        description: 'Value being sent to unique identify the Caregiver. Va
lues:NPI.'
        example: NPI
      identifier:
        maxLength: 64
        type: string
```



description: Caregiver identifier identified by Caregiver Qualifier

example: '1001'

additionalProperties: false

description: Value being sent to unique identify the Caregiver.

ServiceAddress:

type: object

properties:

addressLine1:

type: string

description: Individual's street address.

nullable: true

example: 0 Airport 200 Riser Rd

addressLine2:

type: string

description: Individual's additional street address information if applicable.

nullable: true

example: Little Ferry

city:

type: string

description: Individual's city.

nullable: true

example: New Jersey

state:

type: string

description: Individual's State abbreviation.

nullable: true

example: NJ

zipcode:



```
type: string
description: 'Individual's Zip Code (5 or 9-
digit format i.e., 12345). Format: 99999 OR 999999999.'
nullable: true
example: '07643'
additionalProperties: false
```

ClockIn:

```
type: object
properties:
  callDateTime:
    type: string
    description: 'EVV Call Time in UTC Time.(Format: YYYY-MM-DDThh:mm) '
    format: date-time
    nullable: true
    example: '2020-09-23T13:16:00.0000000'
  callType:
    maxLength: 20
    type: string
    description: 'The type of device used to create the event. Values:
Telephony, Mobile. Any call with GPS data collected should be identified as
Mobile.'
    nullable: true
    example: Mobile
  callLatitude:
    type: number
    description: GPS Latitude recorded during event. Latitude has a ran
ge of of -90 to 90 with a 6-digit precision.
    format: double
    example: 89.125345
  callLongitude:
```




```
    type: number
    description: GPS Longitude recorded during event. Longitude has a range of -180 to 180 with a 6-digit precision.
    format: double
    example: 90.125345
    originatingPhoneNumber:
      maxLength: 10
      type: string
      description: 'Originating Phone Number (Caller ID) for telephony.(Format: 9999999999).'
      nullable: true
      example: '1234567890'
    serviceAddress:
      $ref: '#/components/schemas/ServiceAddress'
    additionalProperties: false
    description: Contains properties related to Clock In/Clock Out operation.
```

Task:

```
    type: object
    properties:
      code:
        type: string
        description: Gets or Sets task code.
        nullable: true
        example: '101'
    additionalProperties: false
    description: Contains task related properties.
```

ClockOut:

```
    type: object
    properties:
```



```
callDateTime:
  type: string
  description: 'EVV Call Time in UTC Time.(Format: YYYY-MM-DDThh:mm) '
  format: date-time
  example: '2020-09-23T13:16:00.0000000'

callType:
  maxLength: 20
  type: string
  description: 'The type of device used to create the event. Values:
Telephony, Mobile. Any call with GPS data collected should be identified as
Mobile.'
  nullable: true
  example: Mobile

callLatitude:
  type: number
  description: GPS Latitude recorded during event. Latitude has a ran
ge of of -90 to 90 with a 6-digit precision.
  format: double
  example: 89.125345

callLongitude:
  type: number
  description: GPS Longitude recorded during event. Longitude has a r
ange of -180 to 180 with a 6-digit precision.
  format: double
  example: 90.125345

originatingPhoneNumber:
  maxLength: 10
  type: string
  description: 'Originating Phone Number (Caller ID) for telephony.(F
ormat: 9999999999).'
  nullable: true
```



```
example: '1234567890'

serviceAddress:
  $ref: '#/components/schemas/ServiceAddress'

performedTasks:
  type: array
  items:
    $ref: '#/components/schemas/Task'
  description: List of performed task codes.
  nullable: true

refusedTasks:
  type: array
  items:
    $ref: '#/components/schemas/Task'
  description: List of refused task codes.
  nullable: true

additionalProperties: false
description: Contains properties regarding to Clock In operation.

EVV:
  type: object
  properties:
    clockIn:
      $ref: '#/components/schemas/ClockIn'
    clockOut:
      $ref: '#/components/schemas/ClockOut'
  additionalProperties: false
  description: Contains properties related to EVV Clock In/Clock Out.

MissedVisit:
  type: object
  properties:
```



```
reasonCode:
  maxLength: 4
  type: string
  description: Reason Code for the change.
  nullable: true
  example: '1234'

notes:
  maxLength: 256
  type: string
  description: Reason/Description of the change being made if entered
  nullable: true
  example: ''

missed:
  type: boolean
  description: The Visit is marked as a 'Missed' Visit.
  example: true

actionCode:
  maxLength: 4
  type: string
  description: Missed Visit Action Code.
  nullable: true
  example: '1234'

additionalProperties: false
description: Contains properties related to missed visit.

EditVisit:
  type: object
  properties:
    reasonCode:
```



```
maxLength: 4
type: string
description: Reason Code for the change.
nullable: true
example: '1234'
notes:
  maxLength: 256
  type: string
  description: Reason/Description of the change being made if entered
  nullable: true
  example: ''
edited:
  type: boolean
  description: The Visit is considered as manually updated.
  example: true
actionCode:
  maxLength: 4
  type: string
  description: Edit Visit Action Code.
  nullable: true
  example: '1234'
additionalProperties: false
description: Contains properties related to edit visit.
Billing:
  type: object
  properties:
    externalInvoiceNumber:
      maxLength: 18
```



```
type: string
description: Invoice number in Agency's Management System.
nullable: true
example: 12FD34GH67

totalBilledAmount:
  type: number
  description: Total billed amount in third party system.
  format: double
  example: 20.4

totalUnitsBilled:
  type: integer
  description: Total units billed in third party system.
  format: int
  example: 2

contractRate:
  type: number
  description: Hourly contract rate.
  format: double
  example: 10.2

diagnosisCodes:
  type: array
  items:
    type: string
  description: Diagnosis Code.Up to 26 of these are allowed.
  nullable: true

additionalProperties: false
description: Value being sent to uniquely identify the member.

BillSecondaryPayer:
  type: object
```



```
properties:
  enableSecondaryBilling:
    type: boolean
    description: Gets or sets a value indicating whether to Enable Secondary Billing.
  otherSubscriberId:
    type: string
    description: Gets or sets Other Subscriber ID.
    nullable: true
  primaryPayerId:
    type: string
    description: Gets or sets Primary Payer ID.
    nullable: true
  primaryPayerName:
    type: string
    description: Gets or sets Primary Payer Name.
    nullable: true
  relationshipToInsured:
    type: string
    description: "Gets or sets Relationship To Insured.\r\n01 = Spouse\r\n18 = Self\r\n19 = Child\r\nG8 = Other"
    nullable: true
    example: '01'
  primaryPayerPolicyOrGroupNumber:
    type: string
    description: Gets or sets Primary Payer Policy Or Group Number.
    nullable: true
  primaryPayerProgramName:
    type: string
    description: Gets or sets Primary Payer Program Name.
```



```
    nullable: true

  planType:
    type: string
    description: "Gets or sets PlanType.\r\nBL = Blue Cross/Blue Shield
\r\nCH = Champus\r\nCI = Commercial Insurance Co.\r\nMB = Medicare Part \r\nB
MC = Medicaid"
    nullable: true
    example: BL

  totalPaidAmount:
    type: number
    description: Gets or sets Total Paid Amount.
    format: double
    nullable: true

  paidDate:
    type: string
    description: Gets or sets PaidDate.
    format: date-time
    nullable: true

  deductible:
    type: number
    description: Gets or sets Deductible.
    format: double
    nullable: true

  coinsurance:
    type: number
    description: Gets or sets Coinsurance.
    format: double
    nullable: true

  copay:
    type: number
```




```
description: Gets or sets Copay.
format: double
nullable: true
contractedAdjustments:
  type: number
  description: Gets or sets Contracted Adjustments.
  format: double
  nullable: true
notMedicallyNecessary:
  type: number
  description: Gets or sets Not Medically Necessary.
  format: double
  nullable: true
nonCoveredCharges:
  type: number
  description: Gets or sets Non-Covered Charges.
  format: double
  nullable: true
maxBenefitExhausted:
  type: number
  description: Gets or sets Max Benefit Exhausted.
  format: double
  nullable: true
additionalProperties: false
description: Contains properties related to Bill Secondary Payer.
Visit:
  required:
    - externalVisitId
    - payerId
```



- procedureCode
- providerTaxId
- scheduleEndTime
- scheduleStartTime
- timezone

type: object

properties:

providerTaxId:

maxLength: 9

type: string

description: 'Provider Tax ID - Unique Identifier for the Provider.
(Format: 999999999)'

example: '999999999'

office:

\$ref: '#/components/schemas/Office'

member:

\$ref: '#/components/schemas/Member'

caregiver:

\$ref: '#/components/schemas/CaregiverInfo'

payerId:

maxLength: 50

type: string

description: HHAX assigned ID for the payer. Payer ID is determined during the implementation process.

example: ACS

externalVisitId:

maxLength: 30

type: string

description: Unique Visit identifier in the external system.

example: '101'



```
evvmsid:
  maxLength: 64
  type: string
  description: Unique Visit identifier in the HHAX aggregator system.
  nullable: true
  example: ffa4e144-1ba3-49b8-a41f-6ed777412a8d

procedureCode:
  maxLength: 50
  type: string
  description: This is the billable procedure code which would be mapped to the associated service.
  example: T019

procedureModifierCode:
  maxItems: 4
  type: array
  items:
    type: string
  description: Two characters Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage.
  nullable: true

timezone:
  maxLength: 20
  type: string
  description: "Time zone visit data is captured in. Value: US/Eastern."
  example: US/Eastern

scheduleStartTime:
  type: string
  description: 'Schedule Start Time in UTC Time. (Format: YYYY-MM-DDThh:mm) '
```



```
format: date-time
example: '2020-09-23T12:16:00.0000000'

scheduleEndTime:
  type: string
  description: 'Schedule End Time in UTC Time. (Format: YYYY-MM-DDThh:mm) '
  format: date-time
  example: '2020-09-23T13:16:00.0000000'

visitStartDateTime:
  type: string
  description: 'Visit Start Time in UTC Time. (Format: YYYY-MM-DDThh:mm) '
  format: date-time
  nullable: true
  example: '2020-09-23T12:16:00.0000000'

visitEndDateTime:
  type: string
  description: 'Visit End Time in UTC Time. (Format: YYYY-MM-DDThh:mm) '
  format: date-time
  nullable: true
  example: '2020-09-23T13:16:00.0000000'

timesheetRequired:
  type: boolean
  description: Timesheet Required.
  example: true

timesheetApproved:
  type: boolean
  description: Timesheet is Approved.
  example: true
```



```
evv:
  $ref: '#/components/schemas/EVV'
missedVisit:
  $ref: '#/components/schemas/MissedVisit'
editVisit:
  $ref: '#/components/schemas/EditVisit'
billing:
  $ref: '#/components/schemas/Billing'
billSecondaryPayer:
  $ref: '#/components/schemas/BillSecondaryPayer'
additionalProperties: false
description: Create new visit command.
Visits:
  type: object
  properties:
    visits:
      type: array
      items:
        $ref: '#/components/schemas/Visit'
        description: Gets or sets list of visit info.
        nullable: true
      additionalProperties: false
      description: Create new bulk visit command.
  securitySchemes:
    oauth2:
      type: oauth2
      flows:
        clientCredentials:
```



```
tokenUrl: 'https://implementation.hhaexchange.com/identity/connect/
token'

scopes:

    'write:aggregator': Aggregator API Access

security:

- oauth2:

    - 'write:aggregator'
```

Sample Transactions

POST Request - Caregiver Request

Use Case: I want to create a new caregiver record.

<BASE URI>/api/v v{version}/caregivers

| | |
|-------------------|---|
| Test | https://implementation.hhaexchange.com/api/v1/caregivers |
| Production | https://app.hhaexchange.com/api/v1/caregivers |

```
{
  "providerTaxId": "242342342",
  "qualifier": "NPI",
  "externalID": "123456",
  "ssn": "123456789",
  "dateOfBirth": "1985-09-19",
  "lastName": "Doe",
  "firstName": "John",
  "gender": "Male",
  "email": "jd@axyz.com",
  "phoneNumber": "9898878776",
  "type": "Both",
  "stateRegistrationID": "1234565",
  "professionalLicenseNumber": "12344321",
  "hireDate": "2019-01-19",
  "address": {
    "addressLine1": "30 Fremont Ave ",
    "addressLine2": "Street Two",
    "city": "Newark",
    "state": "NJ",
    "zipcode": "071011111"
  }
}
```



POST Request – Batch EVV Request

Use Case: I want to submit a batch EVV request (one or more visit records).

<BASE URI>/api/v v{version}/visits

| | |
|-------------------|---|
| Test | https://implementation.hhaexchange.com/api/v1/visits |
| Production | https://app.hhaexchange.com/api/v1/visits |

```
{
  "visits": [
    {
      "providerTaxId": "912347893",
      "office": {
        "qualifier": "NPI",
        "identifier": "1234567890"
      },
      "member": {
        "qualifier": "MedicaidID",
        "identifier": "1EG4TE5NL74"
        "admissionId": "AB0001"
      },
      "caregiver": {
        "qualifier": "ExternalID",
        "identifier": "123456"
      },
      "payerId": "WCNJ",
      "externalVisitId": "101",
      "evmsid": "ffa4e144-1ba3-49b8-a41f-6ed777412a8d",
      "procedureCode": "T019",
      "procedureModifierCode": [
        "HQ"
      ],
      "timezone": "US/Eastern",
      "scheduleStartTime": "2020-09-23T12:16:00.00",
      "scheduleEndTime": "2020-09-23T13:16:00.00",
      "visitStartDateTime": "2020-09-23T12:16:00.00",
      "visitEndDateTime": "2020-09-23T13:16:00.00",
      "timesheetRequired": true,
      "timesheetApproved": true,
      "evv": {
        "clockIn": {
          "callDateTime": "2020-09-23T13:16:00.00",
          "callType": "Mobile",
          "callLatitude": 90.125345,
          "callLongitude": 90.125345,
          "originatingPhoneNumber": "1234567890",
          "serviceAddress": {
            "addressLine1": "O Airport 200 Riser Rd",
            "addressLine2": "Little Ferry",
            "city": "Montclair",
            "state": "NJ",
            "zipcode": "07042"
          }
        },
        "clockOut": {
```



```
"callDateTime": "2020-09-23T13:16:00.0000000",
"callType": "Mobile",
"callLatitude": 90.125345,
"callLongitude": 90.125345,
"originatingPhoneNumber": "",
"serviceAddress": {
  "addressLine1": "O Airport 200 Riser Rd",
  "addressLine2": "Little Ferry",
  "city": "Montclair",
  "state": "NJ",
  "zipcode": "07042"
},
"performedTasks": [
  {
    "code": "115"
  }
],
"refusedTasks": [
  {
    "code": "116"
  }
]
}
},
"missedVisit": {
  "missed": false,
  "reasonCode": "",
  "actionCode": "",
  "notes": ""
},
"editVisit": {
  "edited": true,
  "reasonCode": "200",
  "actionCode": "100",
  "notes": ""
},
"billing": {
  "externalInvoiceNumber": "",
  "totalBilledAmount": 0,
  "totalUnitsBilled": 0,
  "contractRate": 0,
  "diagnosisCodes": []
},
"billSecondaryPayer": {
  "enableSecondaryBilling": true,
  "otherSubscriberId": "Insurance",
  "primaryPayerId": "NJPP",
  "primaryPayerName": "New Jersey Primary Payer",
  "relationshipToInsured": "01",
  "primaryPayerPolicyOrGroupNumber": "John Group",
  "primaryPayerProgramName": "",
  "planType": "BL",
  "totalPaidAmount": 100.10,
  "paidDate": "2021-02-10T05:41:00",
  "deductible": 0,
  "coinsurance": 0,

```




```
"copay": 0,
"contractedAdjustments": 0,
"notMedicallyNecessary": 0,
"nonCoveredCharges": 0,
"maxBenefitExhausted": 0
}
},
{
  "providerTaxId": "912347893",
  "office": {
    "qualifier": "NPI",
    "identifier": "1234567890"
  },
  "member": {
    "qualifier": "MedicaidID",
    "identifier": "1EG4TE5NL74"
    "admissionId": "AB0001"
  },
  "caregiver": {
    "qualifier": "ExternalID",
    "identifier": "123456"
  },
  "payerId": "WCNJ",
  "externalVisitId": "101",
  "evvmsid": "",
  "procedureCode": "T019",
  "procedureModifierCode": [],
  "timezone": "US/Eastern",
  "scheduleStartTime": "2020-09-24T12:16:00.00",
  "scheduleEndTime": "2020-09-24T13:16:00.00",
  "visitStartDateTime": "2020-09-24T12:16:00.00",
  "visitEndDateTime": "2020-09-24T13:16:00.00",
  "timesheetRequired": true,
  "timesheetApproved": true,
  "evv": {
    "clockIn": {
      "callDateTime": "2020-09-24T13:16:00.00",
      "callType": "Mobile",
      "callLatitude": 90.125345,
      "callLongitude": 90.125345,
      "originatingPhoneNumber": "",
      "serviceAddress": {
        "addressLine1": "O Airport 200 Riser Rd",
        "addressLine2": "Little Ferry",
        "city": "Montclair",
        "state": "NJ",
        "zipcode": "07042"
      }
    },
    "clockOut": {
      "callDateTime": "2020-09-24T13:16:00.0000000",
      "callType": "Mobile",
      "callLatitude": 90.125345,
      "callLongitude": 90.125345,
      "originatingPhoneNumber": "1234567890",
      "serviceAddress": {
        "addressLine1": "O Airport 200 Riser Rd",
```



```
    "addressLine2": "Little Ferry",
    "city": "Montclair",
    "state": "NJ",
    "zipcode": "07042"
  },
  "performedTasks": [
    {
      "code": "115"
    }
  ],
  "refusedTasks": [
    {
      "code": "116"
    }
  ]
}
},
"missedVisit": {
  "missed": false,
  "reasonCode": "",
  "actionCode": "",
  "notes": ""
},
"editVisit": {
  "edited": false,
  "reasonCode": "",
  "actionCode": "",
  "notes": ""
},
"billing": {
  "externalInvoiceNumber": "",
  "totalBilledAmount": 0,
  "totalUnitsBilled": 0,
  "contractRate": 0,
  "diagnosisCodes": []
},
"billSecondaryPayer": {
  "enableSecondaryBilling": true,
  "otherSubscriberId": "Insurance",
  "primaryPayerId": "NJPP",
  "primaryPayerName": "New Jersey Primary Payer",
  "relationshipToInsured": "01",
  "primaryPayerPolicyOrGroupNumber": "John Group",
  "primaryPayerProgramName": "",
  "planType": "BL",
  "totalPaidAmount": 100.10,
  "paidDate": "2021-02-10T05:41:00",
  "deductible": 0,
  "coinsurance": 0,
  "copay": 0,
  "contractedAdjustments": 0,
  "notMedicallyNecessary": 0,
  "nonCoveredCharges": 0,
  "maxBenefitExhausted": 0
}
}
]
```



}

POST Request – Update EVV Request

Use Case: I want to update a single visit record.

<BASE URI>/api/v v{version}/visits/{evvmsid}

| | |
|-------------------|---|
| Test | https://implementation.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d |
| Production | https://app.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d |

```
{
  "providerTaxId": "912347893",
  "office": {
    "qualifier": "NPI",
    "identifier": "1234567890"
  },
  "member": {
    "qualifier": "MedicaidID",
    "identifier": "1EG4TE5NL74"
    "admissionId": "AB0001"
  },
  "caregiver": {
    "qualifier": "ExternalID",
    "identifier": "123456"
  },
  "payerId": "WCNJ",
  "externalVisitId": "101",
  "evvmsid": "ffa4e144-1ba3-49b8-a41f-6ed777412a8d",
  "procedureCode": "T019",
  "procedureModifierCode": [
    "HQ"
  ],
  "timezone": "US/Eastern",
  "scheduleStartTime": "2020-09-23T12:16:00.00",
  "scheduleEndTime": "2020-09-23T13:16:00.00",
  "visitStartDateTime": "2020-09-23T12:16:00.00",
  "visitEndDateTime": "2020-09-23T13:16:00.00",
  "timesheetRequired": true,
  "timesheetApproved": true,
  "evv": {
    "clockIn": {
      "callDateTime": "2020-09-23T13:16:00.00",
      "callType": "Mobile",
      "callLatitude": 90.125345,
      "callLongitude": 90.125345,
      "originatingPhoneNumber": "1234567890",
      "serviceAddress": {
        "addressLine1": "O Airport 200 Riser Rd",
        "addressLine2": "Little Ferry",
        "city": "Montclair",
        "state": "NJ",
        "zipcode": "07042"
      }
    }
  }
}
```



```
},
"clockOut": {
  "callDateTime": "2020-09-23T13:16:00.0000000",
  "callType": "Mobile",
  "callLatitude": 90.125345,
  "callLongitude": 90.125345,
  "originatingPhoneNumber": "1234567890",
  "serviceAddress": {
    "addressLine1": "O Airport 200 Riser Rd",
    "addressLine2": "Little Ferry",
    "city": "Montclair",
    "state": "NJ",
    "zipcode": "07042"
  },
  "performedTasks": [
    {
      "code": "115"
    }
  ],
  "refusedTasks": [
    {
      "code": "116"
    }
  ]
},
"missedVisit": {
  "missed": false,
  "reasonCode": "",
  "actionCode": "",
  "notes": ""
},
"editVisit": {
  "edited": true,
  "reasonCode": "200",
  "actionCode": "100",
  "notes": ""
},
"billing": {
  "externalInvoiceNumber": "",
  "totalBilledAmount": 0,
  "totalUnitsBilled": 0,
  "contractRate": 0,
  "diagnosisCodes": []
},
"billSecondaryPayer": {
  "enableSecondaryBilling": true,
  "otherSubscriberId": "Insurance",
  "primaryPayerId": "NJPP",
  "primaryPayerName": "New Jersey Primary Payer",
  "relationshipToInsured": "01",
  "primaryPayerPolicyOrGroupNumber": "John Group",
  "primaryPayerProgramName": "",
  "planType": "BL",
  "totalPaidAmount": 100.10,
  "paidDate": "2021-02-10T05:41:00",
  "deductible": 0,

```



```

"coinsurance": 0,
"copay": 0,
"contractedAdjustments": 0,
"notMedicallyNecessary": 0,
"nonCoveredCharges": 0,
"maxBenefitExhausted": 0
}
}

```

Appendix E – Caregiver Error Messages

| Element | Error Code | Error Message | Action |
|---------------|------------|---|--|
| providerTaxID | 102001 | Provider Tax ID is required | Include the Provider Federal Tax ID and call API. |
| providerTaxID | 102002 | Provider is not found based on Provider Tax ID | The Provider was not found. Provide the correct federal Tax ID and call API. |
| providerTaxID | 102003 | Provider is not active | Use a Provider that is active and call API. |
| providerTaxID | 102004 | Invalid Provider Tax ID format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| qualifier | 102005 | Invalid Qualifier value | Correct the Caregiver's Qualifier and call API. |
| qualifier | 102006 | Multiple Caregiver records found based on Qualifier value. Please provide unique identifier | Use a Caregiver Qualifier that is unique for this Caregiver and call API. |
| externalID | 102007 | Unique Caregiver identifier in the external system is required | Include the External ID and call API. |
| ssn | 102008 | Caregiver's SSN is required | Include the Caregiver's SSN and call API. |
| ssn | 102009 | Invalid Caregiver's SSN format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| dateOfBirth | 102010 | Caregiver's Date of Birth is required | Include the Caregiver's Date of Birth and call API. |
| dateOfBirth | 102011 | Caregiver's Date of Birth value should be less than current date | The Caregiver's Date of Birth is using a date in the future. Resolve issue and call API. |
| lastName | 102012 | Caregiver's Last Name is required | Include the Caregiver's Last Name and call API. |
| firstName | 102013 | Caregiver's FirstName is required | Include the Caregiver's First Name and call API. |
| gender | 102014 | Caregiver's Gender Is required | Include the Caregiver's Gender and call API. |



| Element | Error Code | Error Message | Action |
|---------------------------|------------|---|--|
| gender | 102015 | Invalid Caregiver's Gender value | Correct the Caregiver's Gender and call API. |
| email | 102016 | Invalid Caregiver's Email Format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| phoneNumber | 102017 | Invalid Caregiver's Phone Number Format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| type | 102018 | Caregiver's Type is required | Include the Caregiver's Type and call API. |
| type | 102019 | Invalid Caregiver's Type value | Correct the Caregiver's Type and call API. |
| type | 102020 | You cannot change the type of a Caregiver that has been previously assigned to a visit. | Correct the Caregiver's Type and call API. |
| professionalLicenseNumber | 102021 | Caregiver's Professional License Number is required | Include the Caregiver's Professional License Number and call API. |
| hireDate | 102022 | Caregiver's Hire Date is required | Include the Caregiver's Hire Date and call API. |
| state | 102023 | State is required | Include the Caregiver's State and call API. |
| zipcode | 102024 | Zip Code is required | Include the Caregiver's Zip Code and call API. |
| zipcode | 102025 | Invalid Zip Code format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| client_id | 102026 | Records that are created with a specific ClientID must be updated using the same ClientID | Call API with correct ClientID. |
| client_id | 102027 | ClientID does not have access permission to update the Provider's Caregiver record | Resolve permission issue. |
| ssn | 102028 | Caregiver with same SSN already exists. | Provide unique Caregiver SSN or default SSN value (999999999) and call API. |
| externalID | 102029 | Length of the External ID cannot exceed 20 characters | Correct the External ID value and call API. |
| npi | 102030 | Caregiver's NPI Number is required when NPI is set as Qualifier | Include the NPI and call API. |



| Element | Error Code | Error Message | Action |
|---------|------------|---|---|
| npi | 102031 | Length of the NPI cannot exceed 10 characters | Correct the NPI value and call API. |
| Unknown | 102999 | Can occur if there is an interruption in service. | Contact HHAExchange to inquire and to determine the resolution. |

If you require assistance with interpreting these error messages or the action that is required to rectify the issue, please contact edisupport@hhaexchange.com with the subject 'WV API Technical Support Request'.



Appendix F – EVV Error Messages

| Element | Error Code | Error Message | Action |
|---------------|------------|---|--|
| providerTaxID | 101001 | Provider Tax ID is required | Include the Provider Federal Tax ID and call API. |
| providerTaxID | 101002 | Provider is not found based on Provider Tax ID | The Provider was not found. Provide the correct federal Tax ID and call API. |
| providerTaxID | 101003 | Provider is not active | Contact HHAExchange to rectify this issue. |
| providerTaxID | 101004 | Invalid Provider Tax ID format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| office | 101005 | Office (qualifier and identifier) is required | Include Office (qualifier and identifier) and call API. |
| office | 101006 | Invalid Office's Qualifier value | Correct the Office's Qualifier and call API. |
| office | 101007 | Office is not found based on Qualifier value | Office was not found. Provide the correct Qualifier value and call API. |
| office | 101008 | Office is not active | Contact HHAExchange to rectify this issue. |
| office | 101009 | Multiple Office records found based on Qualifier value. Please provide unique identifier. | Use an Office Qualifier that is unique for this Office and call API. |
| member | 101010 | Member (qualifier and identifier) is required | Include Member (qualifier and identifier) and call API. |
| member | 101011 | Invalid Member's Qualifier value | Correct the Member's Qualifier and call API. |
| member | 101012 | Member is not found based on Qualifier value | Member was not found. Provide the correct Qualifier value and call API. |
| member | 101013 | Member is not active | Contact MCO and determine why Member is not active. Once the issue is resolved call API. |
| member | 101014 | Multiple Member records found based on Qualifier value. Please provide unique identifier. | Use a Member Qualifier that is unique for this Member and call API. |
| caregiver | 101015 | Caregiver (qualifier and identifier) is required | Include Caregiver (qualifier and identifier) and call API. |
| caregiver | 101016 | Invalid Caregiver's Qualifier value | Correct the Caregiver's Qualifier and call API. |
| caregiver | 101017 | Caregiver is not found based on Qualifier value | Provide the correct Qualifier value and call API. |
| caregiver | 101018 | Caregiver is not active | Change the Caregiver status to Active and call API. |
| caregiver | 101019 | Caregiver is not linked with Provider | Link the Caregiver to the Provider and call API. |



| Element | Error Code | Error Message | Action |
|-----------------|------------|--|---|
| caregiver | 101020 | Multiple Caregiver records found based on Qualifier value. Please provide unique identifier. | Use a Caregiver Qualifier that is unique for this Caregiver and call API. |
| caregiver | 101021 | Visit cannot be greater than 25 hours | Change the Visit duration to be less than or equal to 25 hours and call API. |
| caregiver | 101022 | Caregiver is restricted. No Schedule can be created. | Caregiver cannot provide services until Payer removes Caregiver from the Restriction List. Resolve the issue and call API. |
| caregiver | 101023 | Caregiver was previously declined by the patient | Resolve the issue with the Caregiver and call API. |
| caregiver | 101024 | Caregiver is marked as absent | Resolve the issue with the Caregiver and call API. |
| payerID | 101025 | Payer ID is required | Include the Payer ID and call API. |
| payerID | 101026 | Invalid Payer ID value | Correct the Payer ID and call API. |
| payerID | 101027 | Payer is not active | Contact HHAExchange to rectify this issue. |
| payerID | 101028 | There is no active contract for this visit | If Member is Active for the time period for which you are billing, then contact the MCO and request to Start of Care plan date and/or Discharge date. |
| externalVisitID | 101029 | External VisitID is required | Include External Visit ID and call API. |
| evvmsid | 101030 | EVVMSID is required when EVV record needs to be updated | Include EVVMSID and call API. |
| evvmsid | 101031 | EVVMSID is not found | Confirm that the EVVMSID submitted matches the EVVMSID in the HHAExchange system and call API. |
| evvmsid | 101032 | EVVMSID does not belong to this payer | Use a EVVMSID that is linked with this Payer and call API. |
| evvmsid | 101033 | EVVMSID does not belong to this provider | Use a EVVMSID that is linked with this Provider and call API. |
| procedureCode | 101034 | Procedure Code is required | Include Service/Procedure Code and call API. |
| procedureCode | 101035 | Procedure Code is not found | Confirm that the Service/Procedure Code submitted matches the Service/Procedure Code in HHAExchange. Correct the issue and call API. |
| procedureCode | 101036 | Procedure Code is not active | Contact HHAExchange to rectify this issue. |
| procedureCode | 101037 | The service type was set to either Skilled or Non-Skilled for this visit when created and cannot be changed. | The incorrect Service Type was used for the EVVMSID. Correct the issue and call API. |



| Element | Error Code | Error Message | Action |
|--------------------------------|------------|---|---|
| procedureCode | 101038 | Procedure Code is not mapped to Caregiver's Discipline | Contact HHAExchange to rectify this issue. |
| procedureModifier Code | 101039 | Maximum 4 Procedure Modifier codes are allowed. | Correct the Procedure Modifier Codes and call API. |
| Timezone | 101040 | Timezone is required | Include Timezone and call API. |
| Timezone | 101041 | Invalid Timezone value | Correct the Timezone and call API. |
| scheduleStartTime | 101042 | Schedule Start Time is required | Include the Schedule Start Time and call API. |
| scheduleEndTime | 101043 | Schedule End Time is required | Include Schedule End Time and call API. |
| scheduleStartTime/EndTime | 101044 | Schedule cannot be greater than 24 hours | Change the Schedule duration to be less than or equal to 24 hours and call API. |
| scheduleStartTime/EndTime | 101045 | Schedule duration is 0 | Schedule Start and End Time should not have the same value. Correct the issue and call API. |
| visitStartDateTime | 101046 | Visit Start Time is required when "Visit End Date Time" OR "EVV Clock In Time" is provided | Include Visit Start Time and call API. |
| visitStartDateTime | 101047 | Visit Start Time cannot be greater than current date | The Visit Start Time is using a time in the future. Resolve issue and call API. |
| visitEndDateTime | 101048 | Visit End Time is required when "EVV Clock Out Time" is provided | Include Visit End Time and call API. |
| visitEndDateTime | 101049 | Visit End Time cannot be greater than current date | The Visit End Time is using a time in the future. Resolve issue and call API. |
| visitEndDateTime | 101050 | Visit End Time must be greater than Visit Start Date Time | Resolve the issue and call API. |
| visitStartDateTime/EndDateTime | 101051 | Visit duration is 0 | EVV Start and End Time should not have the same value; this might be an export issue. Consult with your 3rd party provider and advise of the issue. Make the required changes and call API. |
| evv > clockIn/Out | 101052 | Once EVV Clock In/Out is completed, then change in EVV Clock In/Out is not allowed in subsequent requests | Delete the visit and resubmit. |
| evv > clockIn/Out | 101053 | If the EVV Clock Out is provided, then the EVV Clock In is mandatory | Add the EVV Clock In to the Visit with Clock Out and call API. |
| evv > clockIn/Out | 101054 | Once visit is confirmed manually, then EVV Clock In/Out is not allowed in subsequent requests | Delete the visit and resubmit. |
| evv > clockIn/Out > callType | 101055 | Call Type is required when EVV Clock In/Out Time is confirmed via EVV | Include Call Type and call API. |
| evv > clockIn/Out > callType | 101056 | Invalid Call Type value | Correct the Call Type and call API. |



| Element | Error Code | Error Message | Action |
|---|------------|---|--|
| evv > clockIn/Out > callLatitude | 101057 | Call Latitude is required when EVV Clock In/Out Time is confirmed by GPS (i.e. CallType = Mobile) | Include Call Latitude and call API. |
| evv > clockIn/Out > callLatitude | 101058 | Invalid Call Latitude value | Correct the Call Latitude and call API. |
| evv > clockIn/Out > callLongitude | 101059 | Call Longitude is required when EVV Clock In/Out Time is confirmed by GPS (i.e. CallType = Mobile) | Include Call Longitude and call API. |
| evv > clockIn/Out > callLongitude | 101060 | Invalid Call Longitude value | Correct the Call Longitude and call API. |
| evv > clockIn/Out > originatingPhoneNumber | 101061 | Originating Phone Number is required when EVV Clock In/Out Time is confirmed by Telephony (i.e. CallType = Telephony) | Include Originating Phone Number and call API. |
| evv > clockIn/Out > originatingPhoneNumber | 101062 | Invalid Originating Phone Number format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| evv > clockIn/Out > serviceAddress | 101063 | Service Address is required when EVV Clock In/Out Time is confirmed via EVV | Include Service Address and call API. |
| evv > clockIn/Out > serviceAddress > addressLine1 | 101064 | AddressLine1 is required when EVV Clock In/Out Time is confirmed via EVV | Include Address Line 1 and call API. |
| evv > clockIn/Out > serviceAddress > city | 101065 | City is required when EVV Clock In/Out Time is confirmed via EVV | Include City and call API. |
| evv > clockIn/Out > serviceAddress > state | 101066 | State Code is required when EVV Clock In/Out Time is confirmed via EVV | Include State Code and call API. |
| evv > clockIn/Out > serviceAddress > zipcode | 101067 | Zip Code is Required when EVV Clock In/Out Time is confirmed via EVV | Include Zip Code and call API. |
| evv > clockIn/Out > serviceAddress > zipcode | 101068 | Invalid Zip Code format | Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API. |
| evv > clockOut > performedTasks | 101070 | Invalid Duties (Performed Task/Refused Task) field value | Correct the value in the Duties field and call API. |
| missed | 101071 | A missed visit request must not contain Clock In/Out information | Remove Clock In/Out information and call API. |
| missedVisit > reasonCode | 101072 | Missed Visit Reason Code is required when Missed flag is marked as True | Include Missed EVV Reason Code and call API. |



| Element | Error Code | Error Message | Action |
|---------------------------------|------------|---|---|
| missedVisit > reasonCode | 101073 | Invalid Missed Visit Reason Code value | Correct the Missed Visit Reason Code and call API. |
| missedVisit > reasonCode | 101074 | Missed Visit Reason Code is not active | Contact HHAExchange to rectify this issue. |
| missedVisit > actionCode | 101075 | Missed Visit Action Code is required when Missed flag is marked as True | Include Missed EVV Action Code and call API. |
| missedVisit > actionCode | 101076 | Invalid Missed Visit Action Code value | Correct the Missed Visit Action Code and call API. |
| missedVisit > actionCode | 101077 | Missed Visit Action Code is not active | Contact HHAExchange to rectify this issue. |
| editVisit > reasonCode | 101078 | Edit Visit Reason Code is required | Include Edit Visit Reason Code and call API. |
| editVisit > reasonCode | 101079 | Invalid Edit Visit Reason Code value | Correct the Edit Visit Reason Code and call API. |
| editVisit > reasonCode | 101080 | Edit Visit Reason Code is not active | Contact HHAExchange to rectify this issue. |
| editVisit > actionCode | 101081 | Edit Visit Action Code is required | Include Edit Visit Action Code and call API. |
| editVisit > actionCode | 101082 | Invalid Edit Visit Action Code value | Correct the Edit Visit Action Code and call API. |
| editVisit > actionCode | 101083 | Edit Visit Action Code is not active | Contact HHAExchange to rectify this issue. |
| billing > externalInvoiceNumber | 101084 | External Invoice Number, Total Billed Amount, Total Units Billed, Contract Rate and Diagnosis Codes fields are required when visit is billed in the Provider's third party EVV System | Include External Invoice Number, Total Billed Amount, Total Units Billed, Contract Rate and Diagnosis Codes fields and call API. |
| Shift Overlap | 101085 | Another Visit is using the same time in full or in part | Overlapped Shift times are not allowed. Correct the times so they are not sharing the same time. |
| Visit | 101086 | Visit is already billed | If you are attempting to edit the visit, and the visit has been billed in HHAExchange, this action is not allowed. Adjustments would need to be re-billed to the Payer. |
| Batch Visits | 101087 | The number of input records exceed the max limit per submission | Reduce the records being submitted in batch to be less than or equal to 100 and call API. |
| Visit | 101088 | Visit date is not in range of Eligibility Start and End date | Call API with correct date. |
| client_id | 101089 | Records that are created with a specific ClientID must be updated using the same ClientID | Call API with correct ClientID. |



| Element | Error Code | Error Message | Action |
|-----------------|------------|--|---|
| client_id | 101090 | ClientID does not have access permission to update the Provider's Visit record | Resolve permission issue. |
| Visit | 101091 | Schedule Date should be the visit day or the next day of the visit (inclusive of EVV) | Correct the Schedule, Visit and EVV Start/End date and/or time and call API |
| member | 101092 | Length of the Member's Identifier cannot exceed max characters of the Qualifier. Refer to the endpoint description for this field | Correct the Member's Identifier value and call API. |
| caregiver | 101093 | Length of the Caregiver's Identifier cannot exceed max characters of the Qualifier. Refer to the endpoint description for this field | Correct the Caregiver's Identifier value and call API. |
| externalVisitID | 101094 | Length of the External Visit ID cannot exceed 30 characters | Correct the External Visit ID value and call API. |
| EVVMSID | 101095 | Length of the EVVMSID cannot exceed 64 characters | Correct the EVVMSID value and call API. |
| EVVMSID | 101096 | The external evvmsid contains invalid characters. Please only use alphanumeric characters in addition to '-' and '_' | Correct the EVVMSID value and call API. |
| Unknown | 101999 | Can occur if there is an interruption in service | Contact HHAExchange to inquire and to determine the resolution. |

If you require assistance with interpreting these error messages or the action that is required to rectify the issue, please contact edisupport@hhaexchange.com with the subject 'WV API Technical Support Request'.