

Change List:

10/1/2026

- Updated vendorUUID as mandatory field for NFIP Quote Request (POST API).

6/07/2026

- Update NFIP quote API
 - o Updated valid values for waitingPeriod field (Remove 5 - Lender Requirement - No Wait).
 - o Added default behavior for walledAndRoofed when buildingConstruction = N.
 - o Added default value for condoUnit field.
 - o Added default value for priorNfipLapse field.
 - o Updated valid values for lapseReason (Remove L: No Longer Required by Lender).
 - o Update valid values for constructionDateType (Remove 4: Construction Date of MH Park and 5: Set Date of MH on Private Lot).
 - o Added default behavior for basementEnclosureME.
 - o Make lowestElevationOfMachinery required if elevationCertificateYN = Y and hasSectionC = Y.
- Include Add Lender, Get Top Lenders and Search lenders API end points details

9/25/2025

- Update NFIP quote API
 - o Added new field levelOfInterest as optional field(This field will only use by Tryflood).

7/30/2025

- Made mobileHome.serialNumber as optional field.

03/14/2025

- Update NFIP quote API documentation
 - o Removed constructionType field from the JSON payload
 - o Changed the list of values for the constructionDateType field

03/06/2025

- Update NFIP quote API
 - o Added new field preFirmNfipLapse

11/20/2024

- Update NFIP quote API
 - o Added new field vendorUUID as optional

7/6/2023

- Added values for zdDocType

4/18/2023

- Added mobileHome.anchoredToFoundation field.
- Made mobileHome.serialNumber required field when occupancy is Mobile / Manufactured Home.

3/31/2023

- Added NFIP Quote Error Response example.

3/13/2023

- Mark the following fields as required:
 - o buildingPurpose
 - o underConstruction
 - o tenantOccupied
 - o replacementCost
- Remove enclosureApplianceIndicator
- Added attachedGarageEngineeredFloodOpenings field
- Added PATCH Update Quote section
- Updated following fields to reflect requirement when an EC is used:
 - o diagramNumber
 - o hasSectionC
 - o ecDatum

- topOfBottomFloor
 - lowestAdjacentGrade
- Updated enclosureCrawlspaceSquareFootage to show that it is required when basementEnclosure is sent as "E" or "C"

12/15/2021

- Added PROVISIONALRATES to the response.

11/21/2021

- Removed references to Risk Rating 1 vs Risk Rating 2 as Risk Rating 1 is no longer applicable in the API.
- Added prior carrier info documentation reference.

11/12/2021

- Added priorCarrierName as an optional field with a length of 3.

11/9/2021

- Added riskRating2Indicator
- Added priorCarrierNaicNumber
- Removed priorCarrierName
- Changed priorNewBusinessDate to originalNewBusinessDate
- Updated numberOfUnits validation based on occupancyType value.
- Added sample response payload.

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NFIP Quote Request

URL: POST /quote/nfip

Authorization Header: Bearer {{bearerToken}}

Body:

* denotes required fields

Fields highlighted in yellow have been changed or updated.

agentNumber	string	
	Default: Agent number associated with the authenticated user. Pass a different number to override for quote.	
firstName1	string example: Test	
	Insured first name. firstName1 and lastName1 are required if no businessName1 is provided.	
lastName1	string	
	Insured last name.	
firstName2	string	
	Additional insured first name.	
lastName2	string	
	Additional insured last name.	
businessName1	string	
	Insured business name. businessName1 is required if firstName1 and lastName1 are not provided.	
businessName2	string	
	Additional insured business name.	
propertyAddress*	{	
	address1	string minLength: 1 maxLength: 30
	address2	string minLength: 0 maxLength: 30
	city	string minLength: 1 maxLength: 30
	state	string minLength: 2 maxLength: 2
	zipCode	string minLength: 5 maxLength: 10
	country	string minLength: 2 maxLength: 10

	}
waitingPeriod*	integer
	1 : Standard 30-Day 2 : Renewal 3 : Loan Transaction - No Wait 4 : Map Revision - Zone Change
policyEffectiveDate*	string(\$date) example: 2021-12-31
existingNfipPolicy	string R: Existing NFIP Policy Exists N: No Existing NFIP Policy Exists
priorCarrierNaicNumber *see Prior Carrier Info spreadsheet for naic numbers.	string Required if existingNfipPolicy is R or waitingPeriod is 2
priorCarrierName *see Prior Carrier Info spreadsheet for 3 character company name code.	String Min length: 3 Max length: 3 Optional with a required length of 3 if passed in.
priorPolicyNumber	string Required if existingNfipPolicy is R or waitingPeriod is 2
priorExpirationDate	string example: 2021-02-14 Expiration Date of the prior NFIP Policy
originalNewBusinessDate	string(\$date) example: 2021-02-14 Original New Business date of the prior NFIP Policy Required if existingNfipPolicy is R or waitingPeriod is 2
buildingPurpose*	string R: Residential N: Non-Residential M: Mixed Use
occupancyType*	string 11: Single Family 12: 2-4 Family Building 13: Other Residential Building 14: Residential Manufactured/Mobile Home 15: Residential Condominium Building 16: Residential Unit 17: Non-Residential Manufactured/Mobile Building 18: Non-Residential Building 19: Non-Residential Unit
buildingDescription*	string 21:Main Dwelling 22:Detached Guest House

	23: Detached Garage 24: Agricultural Building 25: Recreation Building 26: Storage/Tool Shed 27: Other (Residential) 28: Entire Apartment Building 29: Apartment Unit 30: Entire Cooperative Building 31: Cooperative Unit 32: Commercial 33: Entire Residential Condo Building 34: Residential Condo Unit (Residential Building) 35: Residential Condo Unit (Non-Residential Building) 36: House of Worship 37: Government Owned 38: Other (Non-Residential)
underConstruction*	string Y: Yes N: No
walledAndRoofed	string Y: Yes N: No If not provided and underConstruction = N. Default set to Y.
buildingOverWater	string 1: Not Over Water 2: Partially 3: Entirely
principalResidence*	string A: 50% or less B: Between 51 and 79% C: 80% or more
additionsExtensions	string A: Building is Addition/Extension I: Includes Additions/Extensions X: Excludes Additions/Extensions N: None
condoUnit	string Y: Yes N: No If not provided, default value is N.
constructionYear*	integer example: 2021 4 digit construction year
substantiallyImproved*	string Y: Yes N: No

substantiallyImprovedDate	string(\$date) example: 2021-01-01
	Required when substantiallyImproved is Y.
rentalProperty	string Y: Yes N: No
tenantOccupied*	string Y: Yes N: No
tenantInterest	string Required when tenantOccupied is Y. Y: Yes N: No
nonProfit	string Y: Yes N: No
lenderPlaced	string Y: Yes N: No
federalLeased	string Y: Yes N: No
smallBusiness	string Y: Yes N: No
priorNfipLapse	string Y: Yes N: No If not provided, default value is N.
preFirmNfipLapse	String Y: Yes N: No
lapseReason	string Required when proirNfipLapse or preFirmNfipLapse is Y. C: Community Suspension O: Other
communityReinstatementDate	string(\$date) example: 2021-01-01

	Required when lapseReason is C.
foundationType*	string
	1: Basement 2: Crawlspace 3: Elevated with Enclosure (Solid Foundation Walls) 4: Elevated with Enclosure (Post, File,
	or Pier) 5: Elevated without Enclosure 6: Slab on Grade
constructionDateType*	string
	1: Building Permit Date 2: Date of Construction 3: Substantial Improvement Date
buildingSquareFootage*	Integer minimum: 1 maximum: 9999999
numberOfFloors*	Integer minimum: 0 maximum: 999
numberOfDetachedStructures*	integer minimum: 0 maximum: 999
elevatorIndicator*	string
	Y: Yes N: No
numberOfElevators	integer minimum: 0 maximum: 99
	Required if elevatorIndicator is Y.
elevationCertificateYN	string
	Y: Yes N: No
ecSignatureDate	string(\$date) example: 2021-01-03
diagramNumber *Required when EC is used	string 1: Slab 1A: Slab on Grade 1B: Raised Slab on Grade 2: Basement 3: Split Level 4: Split Level with Basement 5: Elevated - No Enclosure 6: Elevated with Enclosure 7: Elevated with Enclosure 8: Crawlspace 9: Subgrade Crawlspace
hasSectionC *Required when EC is used	string
	Y: Yes N: No
ecDatum *Required when EC is used	string

	A: NAVD G: NGVD O: Other
topOfBottomFloor *Required when EC is used	number minimum: -99999.999 maximum: 99999.999
topOfNextHigherFloor	number minimum: -99999.999 maximum: 99999.999
bottomOfLowestHorizontalStructure	number minimum: -99999.999 maximum: 99999.999
attachedGarageTopOfSlab	number minimum: -99999.999 maximum: 99999.999
lowestElevationOfMachinery	number minimum: -99999.999 maximum: 99999.999 Required if elevationCertificateYN = Y and hasSectionC = Y
lowestAdjacentGrade *Required when EC is used	number minimum: -99999.999 maximum: 99999.999
recentPhotoDate	string(\$date) example: 2021-09-01
basementEnclosureME*	string Y: Yes N: No If not provided, occupancyType = 11 and foundationType = 6, default is N.
buildingCoverage	integer minimum: 0 maximum: 999999999
contentsCoverage	integer minimum: 0 maximum: 999999999
buildingDeductible	integer minimum: 0 maximum: 10000
contentsDeductible	integer minimum: 0 maximum: 10000
replacementCost*	integer Building replacement cost should be between 5 and 9 digits
coverageForEntireBuilding	string Y: Yes N: No
contentsLocation	integer 1: Basement/Enclosure Only 2: Basement/Enclosure and Above 3: Lowest Floor Only Above Ground 4: Lowest Floor Above Gound & Higher 5: Above Ground More than 1 Floor 6: Mobile Home Contents
basementEnclosure*	string

	N: None E: Enclosure B: Basement C: Crawlspace S: Subgrade Crawlspace
attachedGarage*	string
	Y: Yes N: No
garageSquareFootage	integer
	Whole number square footage
equipmentInGarage	string
	Y: Yes N: No
equipmentInEnclosure	string
	Y: Yes N: No
garageUsage	string
	1: Parking 2: Storage 3: Access 4: Other
garageAreaBelowElevatedFloor	string
	A: B:
priorClaims*	string
	Y: Yes N: No
condoUnitOwner*	string
	Y: Yes N: No
contentsOnly	string
	Y: Yes N: No
percentResidentialArea	string
	Percentage of Mixed Use occupancy that has residential usage. Required when buildingOccupancy is M.
mandatoryPurchase	string
	Y: Yes N: No
mobileHome	{

	parkName	string maxLength: 30
	make	string maxLength: 30
	serialNumber	string maxLength: 20
	buildYear	integer minimum: 1900 example: 2002
		4 digit year
	width	integer minimum: 0 maximum: 99
	length	integer minimum: 0 maximum: 99
	additionsExtensions	string
		Y: Yes N: No
	additionalLength	integer minimum: 0 maximum: 999
	additionalWidth	integer minimum: 0 maximum: 999
	installedToStandards	string
		01: Manufacturer's specifications 02: Local floodplain management standards 03: State & local building standards
	anchoredToFoundation *Only mobile homes that are anchored to foundation are valid.	string
		Y: Yes N: No
baseFloodElevation		
	}	
zdDatum		
	number minimum: -99999.999 maximum: 99999.999	
lowestFloorElevation		
	string A: NAVD G: NGVD O: Other	
attachedGarageNumberOfPermanentOpenings		
	number minimum: -99999.999 maximum: 99999.999	
	integer minimum: 0 maximum: 999999	

attachedGarageTotalNetAreaOfOpenings	integer minimum: 0 maximum: 999999
attachedGarageMEDesc	string 01: Furnace 02: Hot Water Heater 03: Elevator Equipment
	04: Other Equipment 05: Heat Pump 06: Fuel Tank 07: Washer & Dryer 08: Air Conditioner 09: Cistern 10: Food Freezer
attachedGarageTotalCashValue	integer minimum: 0 maximum: 999999
slabDesign	string 1: Slab on Natural Grade 2: Slab on Fill 3: Unknown
attachedGarageLocation	string 1: Adjacent to the Elevated Floor 2: Beneath the Elevated Floor
finshedBasementOrEnclosure	string 1: 2:
basementEnclosureMEActualCashValue	string 1: \$0 to \$10,000 2: \$10,001 to \$20,000 3: Over \$20,000
basementEnclosureMETotalCashValue	integer minimum: 0 maximum: 999999
basementEnclosureWasherDryerFreezerACV	string 1: \$0 to \$10,000 2: \$10,001 to \$20,000 3: Over \$20,000
basementEnclosureWasherDryerFreezerTCV	integer minimum: 0 maximum: 999999
basementEnclosureMEDescription	string example: 010410 Concatenate mutiple values. 01: Furnace 02: Hot Water Heater 03: Elevator Equipment 04: Other Equipment 05: Heat Pump 06: Fuel Tank 07: Washer & Dryer 08: Air Conditioner 09: Cistern 10: Food Freezer

basementEnclosuerWasherDryerFreezerIndicator	string Y: Yes N: No								
partialOrFullEnclosure	string								
	1: Partially 2: Fully								
enclosureCrawlSpaceSquareFootage <i>*Required when basementEnclosure is "E" or "C"</i>	integer minimum: 0 maximum: 999999								
enclosureCrawlSpaceUsage	string 1: Parking 2: Storage 3: Access 4: Other								
enclosureCrawlSpaceWallDesign	string 1: Solid Wood Frame (Breakaway) 2: Light Wood Lattice 3: Masonry Walls 4: Other 5: Insect Screening 6: Solid Wood Frame (Non-Breakaway) 7: Masonry Walls								
enclosureCrawlSpaceOpenings	integer minimum: 0 maximum: 999999								
enclosureCrawlSpaceOpeningSqaureFootage	integer minimum: 0 maximum: 999999								
enclosureCrawlSpaceEngineeredFloodOpenings	string Y: Yes N: No								
businessNameIndicator	string Y: Yes N: No								
addressSameAsProperty	string Y: Yes N: No								
mailingAddress	{ <table> <tr> <td>address1</td><td>string minLength: 1 maxLength: 30</td></tr> <tr> <td>address2</td><td>string minLength: 0 maxLength: 30</td></tr> <tr> <td>city</td><td>string minLength: 1 maxLength: 30</td></tr> <tr> <td>state</td><td>string minLength: 2 maxLength: 2</td></tr> </table>	address1	string minLength: 1 maxLength: 30	address2	string minLength: 0 maxLength: 30	city	string minLength: 1 maxLength: 30	state	string minLength: 2 maxLength: 2
address1	string minLength: 1 maxLength: 30								
address2	string minLength: 0 maxLength: 30								
city	string minLength: 1 maxLength: 30								
state	string minLength: 2 maxLength: 2								

	zipCode	string minLength: 5 maxLength: 10
	country	string minLength: 2 maxLength: 10
		}
emailAddress		
	string	
phoneNumber	string maxLength: 10	
disasterAssistance	string Y: Yes N: No	
stateOwned	string Y: Yes N: No	
floodProofIndicator	string	
		Required when foundationType is 1. Y: Yes N: No
numberOfUnits*	Integer minimum: 1 maximum: 99999	
		when occupancyType is 12: minimum: 2 maximum: 4 when occupancyType = 13: minimum: 5 maximum: 99999
floorOfUnit	Integer	
		Required when occupancyType is 16 or 19. Otherwise this value is set to 0.
zoneRequest*	string	
	Y: Yes N: No	
floodZone	string	
		Required if zoneRequest is N
communityNumber	integer minimum: 10000	
		Required if zoneRequest is N
mapPanel	string minLength: 4 maxLength: 4	
		Required if zoneRequest is N

mapSuffix	string minLength: 1 maxLength: 1 Required if zoneRequest is N
multipleStructures	string
	Y: Yes N: No
zdDocType	string minLength: 1 maxLength: 1 1: LOMA 2: LOMR 3: Copy of Current FIRM 4: Letter from the Community 5: An Elevation Certificate 6: A Zone Determination
subUser	string
returnDummyData	boolean
vendorUUID*	String length: 36 It is vendor Id and must be in GUUID format. Example: "bb464c85-a54d-4df9-a082-dc7e81a64158"
levelOfInterest	String Length: 3 This field represents the level of interest and will only be used in the tryflood.

Sample Request:

```
{
  "firstName1": "First",
  "lastName1": "Last",
  "firstName2": "",
  "lastName2": "",
  "businessName1": "",
  "businessName2": "",
  "policyEffectiveDate": "2021-10-31",
  "existingNfipPolicy": "N",
  "buildingDescription": "21",
  "substantiallyImproved": "N",
  "replacementCost": 250000,
  "buildingCoverage": 250000,
  "contentsCoverage": 100000,
  "contentsOnly": "N",
  "propertyAddress": {
    "address1": "111 Street Name",
    "address2": "",
    "city": "City",
    "state": "ST",
    "zipcode": "11111",
    "country": "US"
  },
  "constructionYear": "1970",
  "numberOfFloors": 1,
  "occupancyType": 11,
  "basementEnclosure": "N",
  "waitingPeriod": 1,
  "constructionDateType": 1,
  "attachedGarage": "N",
  "priorClaims": "N",
  "underConstruction": "N",
  "condoUnitOwner": "N",
  "tenantOccupied": "N",
  "principalResidence": "A",
  "buildingPurpose": "R",

  "zoneRequest": "Y",
  "buildingSquareFootage": 1500,
  "foundationType": "6",
  "numberOfUnits": 1,
  "floorOfUnit": 1,
  "diagramNumber": "1A",
  "basementEnclosureME": "N",
  "numFloors": 1,
  "numberOfDetachedStructures": 0,
  "elevatorIndicator": "N",
  "vendorUUID": "bb464c85-a54d-4df9-a082-dc7e81a64158",
  "levelOfInterest": "1"
}
```

Sample Response:

```
{
  "quote": {
    "policyNumber": "09QT00000000 99",
    "tdrpid": "PWS0000000000000000",
    "floodZone": "X"
  },
  "coverageOptions": [
    {
      "DISPLAYORDER": "1",
      "SELECTEDFLAG": "",
      "TOTALPREMIUM": "672",
      "TOTALICC": "6",
      "POLICYSERVICEFEE": "47",
      "TOTALAMOUNT": "672",
      "RESERVEFUNDFEE": "57",
      "HFIAAFEE": "250",
      "BUILDINGDEDUCTIBLE": "1250",
      "CONTENTSDeductible": "1000",
      "PROBATIONSURCHARGE": "0",
      "BUILDINGPREMIUM": "312",
      "CONTENTSPREMIUM": "0",
      "PROVISIONALRATES": "N"
    },
    ...
  ]
}
```

Sample Error Response:

```
{
  "message": "Unable to rate based on information given",
  "data": {
    "errorCode": 110,
    "messages": [
      {
        "messageType": "",
        "messageID": "FLD2147",
        "messageDescription": "FLD2147 - Diagram Number does not match Building Foundation
info"
      }
    ],
    "quote": {
      "policyNumber": "09QT00000000 99",
      "tdrpid": "PWS0000000000000000",
      "floodZone": "X"
    }
  }
}
```

NFIP Update Quote Request

URL: PATCH /quote

Authorization Header: Bearer {{bearerToken}}

Body:

* denotes required fields

Fields highlighted in yellow have been changed or updated.

drpid*	string example: DRP000000000000000000	
	Drpid value from initial quote creation is required for updating a quote.	
agentNumber	string	
	Default: Agent number associated with the authenticated user. Pass a different number to override for quote.	
firstName1	string example: Test	
	Insured first name. firstName1 and lastName1 are required if no businessName1 is provided.	
lastName1	string	
	Insured last name.	
firstName2	string	
	Additional insured first name.	
lastName2	string	
	Additional insured last name.	
businessName1	string	
	Insured business name. businessName1 is required if firstName1 and lastName1 are not provided.	
businessName2	string	
	Additional insured business name.	
mailingAddress*	{	
	address1	string minLength: 1 maxLength: 30
	address2	string minLength: 0 maxLength: 30
	city	string minLength: 1 maxLength: 30

	state	string minLength: 2 maxLength: 2
	zipCode	string minLength: 5 maxLength: 10
	country	string minLength: 2 maxLength: 10
	}	
waitingPeriod*	integer	
	1 : Standard 30-Day 2 : Renewal 3 : Loan Transaction - No Wait 4 : Map Revision - Zone Change	
policyEffectiveDate*	string(\$date) example: 2021-12-31	
existingNfipPolicy	string R: Existing NFIP Policy Exists N: No Existing NFIP Policy Exists	
priorCarrierNaicNumber *see Prior Carrier Info spreadsheet for naic numbers.	string	
	Required if existingNfipPolicy is R or waitingPeriod is 2	
priorCarrierName *see Prior Carrier Info spreadsheet for 3 character company name code.	String Min length: 3 Max length: 3	
	Optional with a required length of 3 if passed in.	
priorPolicyNumber	string Required if existingNfipPolicy is R or waitingPeriod is 2	
priorExpirationDate	string example: 2021-02-14	
	Expiration Date of the prior NFIP Policy	
originalNewBusinessDate	string(\$date) example: 2021-02-14	
	Original New Business date of the prior NFIP Policy	
	Required if existingNfipPolicy is R or waitingPeriod is 2	
buildingPurpose*	string	
	R: Residential N: Non-Residential M: Mixed Use	
occupancyType*	string	
	11: Single Family 12: 2-4 Family Building 13: Other Residential Building 14: Residential Manufactured/Mobile Home 15: Residential Condominium Building 16: Residential Unit	

	17: Non-Residential Manufactured/Mobile Building 18: Non-Residential Building 19: Non-Residential Unit
buildingDescription*	string 21: Main Dwelling 22: Detached Guest House 23: Detached Garage 24: Agricultural Building 25: Recreation Building 26: Storage/Tool Shed 27: Other (Residential) 28: Entire Apartment Building 29: Apartment Unit 30: Entire Cooperative Building 31: Cooperative Unit 32: Commercial 33: Entire Residential Condo Building 34: Residential Condo Unit (Residential Building) 35: Residential Condo Unit (Non-Residential Building) 36: House of Worship 37: Government Owned 38: Other (Non-Residential)
underConstruction*	string Y: Yes N: No
walledAndRoofed	string Y: Yes N: No
buildingOverWater	string 1: Not Over Water 2: Partially 3: Entirely
principalResidence*	string A: 50% or less B: Between 51 and 79% C: 80% or more
additionsExtensions	string A: Building is Addition/Extension I: Includes Additions/Extensions X: Excludes Additions/Extensions N: None
condoUnit	string Y: Yes N: No
constructionYear*	integer example: 2021

	4 digit construction year
substantiallyImproved*	string
	Y: Yes N: No
substantiallyImprovedDate	string(\$date) example: 2021-01-01
	Required when substantiallyImproved is Y.
rentalProperty	string
	Y: Yes N: No
tenantOccupied*	string
	Y: Yes N: No
tenantInterest	string
	Required when tenantOccupied is Y.
	Y: Yes N: No
nonProfit	string
	Y: Yes N: No
lenderPlaced	string
	Y: Yes N: No
federalLeased	string
	Y: Yes N: No
smallBusiness	string
	Y: Yes N: No
priorNfipLapse	string
	Y: Yes N: No
preFirmNfipLapse	string
	Y: Yes N: No
lapseReason	string

	Required when proirNfipLapse or preFirmNfipLapse is Y. C: Community Suspension O: Other
communityReinstatementDate	string(\$date) example: 2021-01-01
	Required when lapseReason is C.
foundationType*	string 1: Basement 2: Crawlspace 3: Elevated with Enclosure (Solid Foundation Walls) 4: Elevated with Enclosure (Post, Pile, or Pier) 5: Elevated without Enclosure 6: Slab on Grade
constructionDateType*	String 1: Building Permit Date 2: Date of Construction 3: Substantial Improvement Date
buildingSquareFootage*	Integer minimum: 1 maximum: 9999999
numberOfFloors*	Integer minimum: 0 maximum: 999
numberOfDetachedStructures*	integer minimum: 0 maximum: 999
elevatorIndicator*	string Y: Yes N: No
numberOfElevators	integer minimum: 0 maximum: 99 Required if elevatorIndicator is Y.
elevationCertificateYN	string Y: Yes N: No
ecSignatureDate	string(\$date) example: 2021-01-03

diagramNumber	string 1: Slab 1A: Slab on Grade 1B: Raised Slab on Grade 2: Basement 3: Split Level 4: Split Level with Basement 5: Elevated - No Enclosure 6: Elevated with Enclosure 7: Elevated with Enclosure 8: Crawlspace 9: Subgrade Crawlspace
hasSectionC	string Y: Yes N: No
ecDatum	string
	 A: NAVD G: NGVD O: Other
topOfBottomFloor	 number minimum: -99999.999 maximum: 99999.999
topOfNextHigherFloor	number minimum: -99999.999 maximum: 99999.999
bottomOfLowestHorizontalStructure	number minimum: -99999.999 maximum: 99999.999
attachedGarageTopOfSlab	number minimum: -99999.999 maximum: 99999.999
lowestElevationOfMachinery	number minimum: -99999.999 maximum: 99999.999
lowestAdjacentGrade	number minimum: -99999.999 maximum: 99999.999
recentPhotoDate	string (\$date) example: 2021-09-01
basementEnclosureME*	string Y: Yes N: No
buildingCoverage	 integer minimum: 0 maximum: 999999999
contentsCoverage	integer minimum: 0 maximum: 999999999
buildingDeductible	integer minimum: 0 maximum: 10000
contentsDeductible	integer minimum: 0 maximum: 10000
replacementCost*	integer Building replacement cost should be between 5 and 9 digits

coverageForEntireBuilding	string
	Y: Yes N: No
contentsLocation	integer
	1: Basement/Enclosure Only 2: Basement/Enclosure and Above 3: Lowest Floor Only Above Ground 4: Lowest Floor Above Gound & Higher 5: Above Ground More than 1 Floor 6: Mobile Home Contents
basementEnclosure*	string
	N: None E: Enclosure
	B: Basement C: Crawlspace S: Subgrade Crawlspace
attachedGarage*	string
	Y: Yes N: No
garageSquareFootage	integer
	Whole number square footage
equipmentInGarage	string
	Y: Yes N: No
equipmentInEnclosure	string
	Y: Yes N: No
garageUsage	string
	1: Parking 2: Storage 3: Access 4: Other
garageAreaBelowElevatedFloor	string
	A: B:
priorClaims*	string
	Y: Yes N: No
condoUnitOwner*	string
	Y: Yes N: No
contentsOnly	string

	Y: Yes N: No	
percentResidentialArea	string	
	Percentage of Mixed Use occupancy that has residential usage. Required when buildingOccupancy is M.	
mandatoryPurchase	string	
	Y: Yes N: No	
mobileHome	{	
	parkName	string maxLength: 30
	make	string maxLength: 30
	serialNumber	string maxLength: 20
	buildYear	integer minimum: 1900 example: 2002
		4 digit year
	width	integer minimum: 0 maximum: 99
	length	integer minimum: 0 maximum: 99
	additionsExtensions	string
		Y: Yes N: No
	additionalLength	integer minimum: 0 maximum: 999
	additionalWidth	integer minimum: 0 maximum: 999
	installedToStandards	string
		01: Manufacturer's specifications 02: Local floodplain management standards 03: State & local building standards
	}	
baseFloodElevation		
	number minimum: -99999.999 maximum: 99999.999	

zdDatum	string A: NAVD G: NGVD O: Other
lowestFloorElevation	number minimum: -99999.999 maximum: 99999.999
attachedGarageNumberOfPermanentOpenings	integer minimum: 0 maximum: 999999
attachedGarageTotalNetAreaOfOpenings	integer minimum: 0 maximum: 999999
attachedGarageMEDesc	string 01: Furnace 02: Hot Water Heater
	03: Elevator Equipment 04: Other Equipment 05: Heat Pump 06: Fuel Tank 07: Washer & Dryer 08: Air Conditioner 09: Cistern 10: Food Freezer
attachedGarageTotalCashValue	integer minimum: 0 maximum: 999999
slabDesign	string 1: Slab on Natural Grade 2: Slab on Fill 3: Unknown
attachedGarageLocation	string 1: Adjacent to the Elevated Floor 2: Beneath the Elevated Floor
finshedBasementOrEnclosure	string 1: 2:
basementEnclosureMEActualCashValue	string 1: \$0 to \$10,000 2: \$10,001 to \$20,000 3: Over \$20,000
basementEnclosureMETotalCashValue	integer minimum: 0 maximum: 999999
basementEnclosureWasherDryerFreezerACV	string 1: \$0 to \$10,000 2: \$10,001 to \$20,000 3: Over \$20,000
basementEnclosureWasherDryerFreezerTCV	integer minimum: 0 maximum: 999999
basementEnclosureMEDescription	string example: 010410 Concatenate mutiple values.

	01: Furnace 02: Hot Water Heater 03: Elevator Equipment 04: Other Equipment 05: Heat Pump 06: Fuel Tank 07: Washer & Dryer 08: Air Conditioner 09: Cistern 10: Food Freezer
basementEnclosuerWasherDryerFreezerIndicator	string Y: Yes N: No
partialOrFullEnclosure	string
	1: Partially 2: Fully
enclosureCrawlSpaceSquareFootage	integer <i>minimum: 0</i> <i>maximum: 999999</i>
enclosureCrawlSpaceUsage	string 1: Parking 2: Storage 3: Access 4: Other
enclosureCrawlSpaceWallDesign	string 1: Solid Wood Frame (Breakaway) 2: Light Wood Lattice 3: Masonry Walls 4: Other 5: Insect Screening 6: Solid Wood Frame (Non-Breakaway) 7: Masonry Walls
enclosureCrawlSpaceOpenings	integer <i>minimum: 0</i> <i>maximum: 999999</i>
enclosureCrawlSpaceOpeningSqaureFootage	integer <i>minimum: 0</i> <i>maximum: 999999</i>
enclosureCrawlSpaceEngineeredFloodOpenings	string Y: Yes N: No
businessNameIndicator	string Y: Yes N: No
addressSameAsProperty	string Y: Yes N: No
emailAddress	string
phoneNumber	

	string maxLength: 10
disasterAssistance	string Y: Yes N: No
stateOwned	string Y: Yes N: No
floodProofIndicator	string Required when foundationType is 1. Y: Yes N: No
numberOfUnits*	Integer
	minimum: 1 maximum: 99999 when occupancyType is 12: minimum: 2 maximum: 4 when occupancyType = 13: minimum: 5 maximum: 99999
floorOfUnit	Integer Required when occupancyType is 16 or 19. Otherwise this value is set to 0.

Example Request:

```
{
  "drpid": "PWS000000000000021421",
  "quoteNumber": "09QT00390666 99",
  "firstName1": "First2",
  "lastName1": "Last",
  "firstName2": "",
  "lastName2": "",
  "businessName1": "",
  "businessName2": "",
  "policyEffectiveDate": "2021-10-31",
  "existingNfipPolicy": "N",
  "buildingDescription": "21",
  "substantiallyImproved": "N",
  "replacementCost": 300000,
  "buildingCoverage": 300000,
  "contentsCoverage": 150000,
  "contentsOnly": "N",
  "mailingAddress": {
    "address1": "192 2nd Court",
    "address2": "",
    "city": "Key Largo",
    "state": "FL",
    "zipcode": "33037",
    "country": "US"
  },
  "constructionYear": "2006",
  "numberOfFloors": 2,
  "occupancyType": 11,
  "waitingPeriod": 1,
  "constructionDateType": 2,
  "attachedGarage": "Y",
  "garageAreaBelowElevatedFloor": "A",
  "priorClaims": "N",
  "underConstruction": "N",
  "condoUnitOwner": "N",
  "tenantOccupied": "N",
  "principalResidence": "C",
  "buildingPurpose": "R",
  "buildingDeductible": 1000,
  "contentsDeductible": 1000,
  "businessNameIndicator": "N",
  "addressSameAsProperty": "Y",
  "buildingSquareFootage": 1960,
  "foundationType": "1",
  "floodProofIndicator": "N",
  "basementEnclosure": "B",
  "finishedBasementOrEnclosure": "2",
  "numberOfUnits": 1,
  "basementEnclosureME": "N",
  "numFloors": 2,
  "numberOfDetachedStructures": 0,
  "elevatorIndicator": "N",
```

```
    "emailAddress": "test@test.com",
    "tenantInterest": "N",
    "phoneNumber": "",
    "nonProfit": "N",
    "smallBusiness": "N",
    "rentalProperty": "N",
    "federalLeased": "N",
    "disasterAssistance": "N",
    "stateOwned": "N",
    "buildingOverWater": "1"
}
```

```
{
```

Response:

```
{
  "quote": {
    "policyNumber": "09QT00390666 99",
    "tdrpid": "PWS00000000000021421",
    "floodZone": "X"
  },
  "coverageOptions": [
    {
      "DISPLAYORDER": "1",
      "SELECTEDFLAG": "",
      "TOTALPREMIUM": "669",
      "TOTALICC": "5",
      "POLICYSERVICEFEE": "47",
      "TOTALAMOUNT": "669",
      "RESERVEFUND FEE": "57",
      "HFIAAFEE": "250",
      "BUILDINGDEDUCTIBLE": "1250",
      "CONTENTSDeductible": "1000",
      "PROBATIONSURCHARGE": "0",
      "BUILDINGPREMIUM": "310",
      "CONTENTSPREMIUM": "0",
      "PROVISIONALRATES": "N"
    },
    ...
  ]
}
```

Add Lender Request

URL: POST /lenders

Authorization Header: Bearer {{bearerToken}}

Body:

Note: You can find the lender details and address information in the responses of the Get Top Lender and Search Lender APIs.

* Denotes required fields

quoteNumber*	String
	Quote Number
lenderType*	String
	Value: Description 1: First Mortgagee 2: Second Mortgagee 3: Loss Payee 4: Disaster Agency 101: Additional Insured 102: Additional Interest 104: Mail Add'l DEC page to
	Lender Type
nameOne*	String MAX: 30
	Name One
nameTwo	String MAX: 30
	Name Two
isaoaIndicator*	String
	Value: Description Y: Yes N: No
	Lender Clauses: ISAOA
atimaIndicator*	String
	Value: Description Y: Yes N: No
	Lender Clauses: ATIMA
billToLender*	String
	Value: Description Y: Yes N: No
	Bill To Lender?
loanNumber	String
	Required if lenderType 1,2 or 4
	Loan Number
additionalInfo	String
	Additional Information
interestCode*	String
	Value: Description

	1: Building Only 2: Personal Property-Household/Commercial only 3: Building and Personal Property
	Lender Has A Financial Interest In
addressOne*	String
	Address One
addressTwo	String
	Address Two
cityName*	String
	City
stateCode*	String
	State
postalCode*	String
	Postal Code
countryCode*	String
	Country
phoneNumber	String
	Phone Number
faxNumber	String
	Fax Number
email	String
	Fax Number

Sample Request:

```
{
  "quoteNumber": " 09QT01687672 99",
  "lenderType": "1",
  "nameOne": "JPMORGAN CHASE BANK NA",
  "atimaIndicator": "Y",
  "isaoaIndicator": "Y",
  "billToLender": "N",
  "interestCode": "1",
  "addressOne": "PO BOX 4465",
  "stateCode": "OH",
  "countryCode": "US",
  "cityName": "SPRINGFIELD",
  "postalCode": "45501-4465",
  "loanNumber": "123456789"
}
```

Sample Response:

```
{
  "lenderNumberDisplay": 9507399,
  "lenderNumber": 0,
  "active": "A",
  "nameOne": "JPMORGAN CHASE BANK NA",
  "nameTwo": "",
  "addressOne": "PO BOX 4465",
  "additionalAddressInfo": "",
  "city": "SPRINGFIELD",
  "state": "OH",
  "zipCode": "45501-4465",
  "countryCode": "US",
  "addressCleaned": 1,
  "phoneNumber": 0,
  "faxNumber": 0,
  "email": ""
}
```

Get Top Lender Request

URL: GET /lenders/top

Authorization Header: Bearer {{bearerToken}}

Body: No Body Required

Sample Response:

```
[
  {
    "lenderNumber": 2775535,
    "active": "A",
    "nameOne": "JPMORGAN CHASE BANK NA",
    "nameTwo": "",
    "addressOne": "PO BOX 4465",
    "additionalAddressInfo": "",
    "city": "SPRINGFIELD",
    "state": "OH",
    "zipCode": "45501-4465",
    "countryCode": "US",
    "addressCleaned": 1,
    "phoneNumber": 0,
    "faxNumber": 0
  },
  {
    "lenderNumber": 2130218,
    "active": "A",
    "nameOne": "NATIONSTAR MORTGAGE LLC",
    "nameTwo": "",
    "addressOne": "PO BOX 7729",
    "additionalAddressInfo": "",
    "city": "SPRINGFIELD",
    "state": "OH",
    "zipCode": "45501-7729",
    "countryCode": "US",
    "addressCleaned": 1,
    "phoneNumber": 0,
    "faxNumber": 0
  },
  .....
]
```

Search Lender Request

URL: GET /lenders/search

Authorization Header: Bearer {{bearerToken}}

Body: No Body Required

Note: Pass the query parameters in the URL. Use & to provide multiple parameters. Below is an example.

Sample Request for single parameter: /lenders/search?nameOne=test

Sample Request for multiple parameters: /lenders/search?nameOne=test&addressOne=test

Query Parameters

Parameter Name	Type	Required	Description
nameOne*	String	Yes Min: 3	Name One
addressOne	String	No Min: 3	Address One
city	String	No Min: 1 Max: 30	City
state	String	No Min: 2 Max: 2	State
zipCode	String	No Min: 5 Max: 10	Postal Code
country	String	No Min: 2 Max: 10	Country

Sample Request: GET - /lenders/search?nameOne=JPMORGAN

Sample Response:

```
[
  {
    "lenderNumber": 2775535,
    "active": "A",
    "nameOne": "JPMORGAN CHASE BANK NA",
    "nameTwo": "",
    "addressOne": "PO BOX 4465",
    "additionalAddressInfo": "",
    "city": "SPRINGFIELD",
    "state": "OH",
    "zipCode": "45501-4465",
    "countryCode": "US",
    "addressCleaned": 1,
    "phoneNumber": 0,
    "faxNumber": 0
  }
]
```