



PSdemo Developer's Guide

1.0 (alpha)

Pulse Secure, LLC

Feb 23, 2020

Pulse Secure, LLC
2700 Zanker Road, Suite 200
San Jose, CA 95134
<https://www.pulsesecure.net>

© 2019 by Pulse Secure, LLC. All rights reserved

CONTENTS

| | | |
|----------|--------------------------------------|-----------|
| 1 | Introduction | 3 |
| 2 | API for some functionality | 5 |
| 2.1 | Pet Store APIs | 5 |
| 3 | Example Code | 13 |
| 3.1 | Using API for xyz use case | 13 |
| 3.2 | Using API for mno use case | 13 |

TBD

- *Introduction*
- *API for some functionality*
 - *Pet Store APIs*
 - * *pet*
 - * *store*
 - * *user*
- *Example Code*
 - *Using API for xyz use case*
 - *Using API for mno use case*

INTRODUCTION

TBD

API FOR SOME FUNCTIONALITY

TBD

2.1 Pet Store APIs

2.1.1 pet

GET /pet/{petId}

Find pet by ID

- **Description:** Returns a single pet
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|-------|----------|---------------------|---------|
| petId | path | ID of pet to return | integer |

Responses

200 - *successful operation*

400 - *Invalid ID supplied*

404 - *Pet not found*

POST /pet/{petId}

Updates a pet in the store with form data

- **Description:**
- **Consumes:** ['application/x-www-form-urlencoded']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|--------|----------|------------------------------------|---------|
| petId | path | ID of pet that needs to be updated | integer |
| name | formData | Updated name of the pet | string |
| status | formData | Updated status of the pet | string |

Responses

405 - Invalid input

DELETE /pet/{petId}

Deletes a pet

- **Description:**
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|---------|----------|------------------|---------|
| api_key | header | | string |
| petId | path | Pet id to delete | integer |

Responses

400 - Invalid ID supplied

404 - Pet not found

POST /pet/{petId}/uploadImage

uploads an image

- **Description:**
- **Consumes:** ['multipart/form-data']
- **Produces:** ['application/json']

Parameters

| Name | Position | Description | Type |
|--------------------|----------|-----------------------------------|---------|
| petId | path | ID of pet to update | integer |
| additionalMetadata | formData | Additional data to pass to server | string |
| file | formData | file to upload | file |

Responses

200 - successful operation

POST /pet

Add a new pet to the store

- **Description:**
-

- **Consumes:** ['application/json', 'application/xml']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|--|------|
| body | body | Pet object that needs to be added to the store | |

Responses

405 - *Invalid input*

PUT /pet

Update an existing pet

- **Description:**
- **Consumes:** ['application/json', 'application/xml']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|--|------|
| body | body | Pet object that needs to be added to the store | |

Responses

400 - *Invalid ID supplied*

404 - *Pet not found*

405 - *Validation exception*

GET /pet/findByStatus

Finds Pets by status

- **Description:** Multiple status values can be provided with comma separated strings
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|--------|----------|---|-------|
| status | query | Status values that need to be considered for filter | array |

Responses

200 - *successful operation*

400 - *Invalid status value*

GET /pet/findByTags

Finds Pets by tags

- **Description:** Multiple tags can be provided with comma separated strings. Use tag1, tag2, tag3 for testing.
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|-------------------|-------|
| tags | query | Tags to filter by | array |

Responses

200 - *successful operation*

400 - *Invalid tag value*

2.1.2 store

GET /store/inventory

Returns pet inventories by status

- **Description:** Returns a map of status codes to quantities
- **Produces:** ['application/json']

Parameters

| Name | Position | Description | Type |
|------|----------|-------------|------|
|------|----------|-------------|------|

Responses

200 - *successful operation*

GET /store/order/{orderId}

Find purchase order by ID

- **Description:** For valid response try integer IDs with value ≥ 1 and ≤ 10 . Other values will generated exceptions
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|---------|----------|------------------------------------|---------|
| orderId | path | ID of pet that needs to be fetched | integer |

Responses

200 - *successful operation*

400 - *Invalid ID supplied*

404 - *Order not found*

DELETE /store/order/{orderId}

Delete purchase order by ID

- **Description:** For valid response try integer IDs with positive integer value. Negative or non-integer values will generate API errors
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|---------|----------|--|---------|
| orderId | path | ID of the order that needs to be deleted | integer |

Responses

400 - Invalid ID supplied

404 - Order not found

POST /store/order

Place an order for a pet

- **Description:**
- **Consumes:** ['application/json']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|-------------------------------------|------|
| body | body | order placed for purchasing the pet | |

Responses

200 - successful operation

400 - Invalid Order

2.1.3 user

GET /user/{username}

Get user by user name

- **Description:**
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|----------|----------|---|--------|
| username | path | The name that needs to be fetched. Use user1 for testing. | string |

Responses

200 - *successful operation*

400 - *Invalid username supplied*

404 - *User not found*

PUT /user/{username}

Updated user

- **Description:** This can only be done by the logged in user.
- **Consumes:** ['application/json']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|----------|----------|------------------------------|--------|
| username | path | name that need to be updated | string |
| body | body | Updated user object | |

Responses

400 - *Invalid user supplied*

404 - *User not found*

DELETE /user/{username}

Delete user

- **Description:** This can only be done by the logged in user.
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|----------|----------|-----------------------------------|--------|
| username | path | The name that needs to be deleted | string |

Responses

400 - *Invalid username supplied*

404 - *User not found*

GET /user/login

Logs user into the system

- **Description:**
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|----------|----------|--------------------------------------|--------|
| username | query | The user name for login | string |
| password | query | The password for login in clear text | string |

Responses

200 - *successful operation*

400 - *Invalid username/password supplied*

GET /user/logout

Logs out current logged in user session

- **Description:**
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|-------------|------|
|------|----------|-------------|------|

Responses

default - *successful operation*

POST /user

Create user

- **Description:** This can only be done by the logged in user.
- **Consumes:** ['application/json']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|---------------------|------|
| body | body | Created user object | |

Responses

default - *successful operation*

POST /user/createWithArray

Creates list of users with given input array

- **Description:**
- **Consumes:** ['application/json']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|---------------------|------|
| body | body | List of user object | |

Responses

default - successful operation

POST /user/createWithList

Creates list of users with given input array

- **Description:**
- **Consumes:** ['application/json']
- **Produces:** ['application/json', 'application/xml']

Parameters

| Name | Position | Description | Type |
|------|----------|---------------------|------|
| body | body | List of user object | |

Responses

default - successful operation

EXAMPLE CODE

Perform the setup using the following commands

```
bash xyz.py -o <outputfile> -d <inputdir> -t <type>
```

3.1 Using API for xyz use case

3.2 Using API for mno use case