



# PS Demo Documentation

*1.0 (alpha)*

**May 03, 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:**

<b>1</b>	<b>PSDemo Release Notes</b>	<b>1</b>
1.1	Introduction . . . . .	1
1.2	Hardware Platforms . . . . .	1
<b>2</b>	<b>PSDemo Getting Started Guide</b>	<b>3</b>
2.1	Introduction . . . . .	3
2.2	Chapter 1 . . . . .	3
2.3	Chapter 2 . . . . .	3
<b>3</b>	<b>PSDemo Developer’s Guide</b>	<b>5</b>
3.1	Introduction . . . . .	5
3.2	API for some functionality . . . . .	5
3.3	Example Code . . . . .	13
<b>4</b>	<b>PSDemo User Guide</b>	<b>15</b>
4.1	Revision History . . . . .	15
4.2	Introduction . . . . .	15
4.3	Section A . . . . .	15
4.4	Section B . . . . .	16
<b>5</b>	<b>PSDemo Frequently Asked Questions</b>	<b>17</b>
5.1	What is abc? . . . . .	17
5.2	How do we setup pqr? . . . . .	17
5.3	Is abk supported? . . . . .	17
5.4	What about mno? Can a user do pqr? . . . . .	17
<b>6</b>	<b>Indices and tables</b>	<b>19</b>



## PSDEMO RELEASE NOTES

**Warning:** This is a sample release note only for demonstration purposes.

### Version 1.0

## 1.1 Introduction

This document is the release notes for the product PSDemo Release 9.1R2. This document contains information about what is included in this software release: supported features, feature changes, unsupported features, and known issues. If the information in the release notes differs from the information found in the documentation set, follow the release notes.

## 1.2 Hardware Platforms

You can install and use this software version on the following hardware platforms: • PSA300, PSA3000, PSA5000, PSA7000f, PSA7000c

To download software for these hardware platforms, go to: <https://support.pulsesecure.net/> Virtual Appliance Editions  
This software version is available for the following virtual appliance editions: • Virtual Pulse Secure Appliance (PSA-V)

---

**Note:** From 9.1R1 release onwards, VA-DTE is not supported.

From 9.0R1 release, Pulse Secure has begun the End-of-Life (EOL) process for the VA-SPE virtual appliance. In its place, Pulse Secure has launched the new PSA-V series of virtual appliances designed for use in the data center or with cloud services such as Microsoft Azure and Amazon AWS.

---

The following table lists the virtual appliance systems qualified with this release.

### 1.2.1 Platform Qualified System

#### VMware

- HP ProLiant DL380 G5 with Intel(R) Xeon(R) CPU
- ESXi 6.7

- CentOS 6.6 with Kernel `cst-kvm 2.6.32-504.el6.x86_64`
- QEMU/KVM v1.4.0

**Linux Server Release 6.4 on an Intel Xeon CPU L5640 @ 2.27GHz**

- 24GB memory in host
- Allocation for virtual appliance ( KVM, Hyper-V)
  - 4vCPU,
  - 4GB memory,
  - 40GB disk space
- Standard DS2 V2 (2 Core, 2 NICs)

## PSDEMO GETTING STARTED GUIDE

TBD

- *Introduction*
- *Chapter 1*
- *Chapter 2*

### 2.1 Introduction

TBD

### 2.2 Chapter 1

TBD

### 2.3 Chapter 2





## PSDEMO DEVELOPER'S GUIDE

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*

---

### 3.1 Introduction

TBD

### 3.2 API for some functionality

TBD

#### 3.2.1 Pet Store APIs

**pet**

---

**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*

---

---

**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*

---

## store

---

### 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*

---

**GET /store/order/{orderId}**

Find purchase order by ID

- **Description:** For valid response try integer IDs with value  $\geq 1$  and  $\leq 10$ . 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*

---

**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*

---

## user

---

### 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*

---

### 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*

---



## 3.3 Example Code

Perform the setup using the following commands

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

### 3.3.1 Using API for xyz use case

### 3.3.2 Using API for mno use case



## PSDEMO USER GUIDE

This is the user guide for Pulse Secure product codenamed PSDemo.

- *Revision History*
- *Introduction*
- *Section A*
  - *Part 1*
  - *Part 2*
- *Section B*
  - *How to do xyz*
  - *How to setup mno*

---

### 4.1 Revision History

TBD

### 4.2 Introduction

This is the introduction of ...

### 4.3 Section A

TBD

#### **4.3.1 Part 1**

#### **4.3.2 Part 2**

### **4.4 Section B**

#### **4.4.1 How to do xyz**

#### **4.4.2 How to setup mno**

## PSDEMO FREQUENTLY ASKED QUESTIONS

TBD

- *What is abc?*
- *How do we setup pqr?*
- *Is abk supported?*
- *What about mno? Can a user do pqr?*

### 5.1 What is abc?

Answer to What is abc...

### 5.2 How do we setup pqr?

Detailed instructions on how to setup pqr...

### 5.3 Is abk supported?

Insights on backward compatibility and support matrix or *links to the same*.

### 5.4 What about mno? Can a user do pqr?

Ans



## INDICES AND TABLES

- `genindex`
- `modindex`
- `search`