**API Specification Doc**

**(*Pegasus Server*)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 14-Sept-2015 | Farid Nakhle | Initial release |
| 1.0 | 03-Oct-2015 | Farid Nakhle | Added Bandwidth Control |

## 

Methods

## 1. Authentication

Authenticating to the system is easy and straight forward. Simply input your provided API\_KEY right after the server URL.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **URI** | http://APISERVER\_URL/API\_KEY |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD | api\_key | string |

**api\_key**

api\_key must be sent with all client requests. The api\_key helps the server to validate the request source.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | all API calls must have this key in header |
| 401 | 401 Unauthorized: Invalid Service Key |

## 2. Allow User

Give User Access to Internet

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | http://APISERVER\_URL/API\_KEY/API\_NAME/API\_VERSION/Allowip |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST | auth\_key  ip | string  ipaddress |

**auth\_key**

The auth\_key is the auth key provided.

**ip**

The user’s IP address.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **OK** |
| 401 | 401 Unauthorized: Invalid Service Key |
| 200 | ERROR: ip param not set |
| 200 | ERROR: xxxxx is not a valid IP address |

## 3. Remove User

Prevent User From Accessing the Internet (kick user)

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | http://APISERVER\_URL/API\_KEY/API\_NAME/API\_VERSION/Denyip |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST | auth\_key  ip | string  ipaddress |

**auth\_key**

The auth\_key is the auth key provided.

**ip**

The user’s IP address.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **OK** |
| 401 | 401 Unauthorized: Invalid Service Key |
| 200 | ERROR: ip param not set |
| 200 | ERROR: xxxxx is not a valid IP address |

## 4. Set Upload Limit

Set Upload Limit for a specific User

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | http://APISERVER\_URL/API\_KEY/API\_NAME/API\_VERSION/SetUpload |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST  POST | auth\_key  ip  speed | string  ipaddress  1:1 OR 1:2 OR 1:3 OR 1:4 |

**auth\_key**

The auth\_key is the auth key provided.

**ip**

The user’s IP address.

**Speed**

The required speed to be set:

1:1 for 1600kbps

1:2 for 720kbps

1:3 for 480kbps

1:4 for 240kbps

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **OK** |
| 401 | 401 Unauthorized: Invalid Service Key |
| 200 | ERROR: not all required params are set |
| 200 | ERROR: xxxxx is not a valid IP address |
| 200 | ERROR: $speed does not have a valid value |

## 4. Set Download Limit

Set Download Limit for a specific User

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | http://APISERVER\_URL/API\_KEY/API\_NAME/API\_VERSION/SetDownload |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST  POST | auth\_key  ip  speed | string  ipaddress  2:1 OR 2:2 OR 2:3 OR 2:4 |

**auth\_key**

The auth\_key is the auth key provided.

**ip**

The user’s IP address.

**Speed**

The required speed to be set:

2:1 for 1600kbps

2:2 for 720kbps

2:3 for 480kbps

2:4 for 240kbps

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **OK** |
| 401 | 401 Unauthorized: Invalid Service Key |
| 200 | ERROR: not all required params are set |
| 200 | ERROR: xxxxx is not a valid IP address |
| 200 | ERROR: $speed does not have a valid value |

## 5. Example

Allow User:

http://185.56.88.234/publicapi/index.php/key/PegasusApi/V1/Allowip