**BHS API Documentation (UMC-WEBAPP Integration)**

The authenticated user obtains the Bearer token issued by the server and sends it to the server in the header of the request. The server verifies the received bearer token and controls user access based on the token. So firstly, call the token service and pass to each API service call and get response from each service.

**1) Create Bearer Token**

|  |  |  |
| --- | --- | --- |
| **Request Field** | **Field Type** | **Field Description** |
| username | String | The username of the user |
| password | String | The password of the user |
| grant\_type | String | Type of grant method |

|  |  |  |
| --- | --- | --- |
| **Response Field** | **Field Type** | **Field Description** |
| access\_token | String | The token string to be sent with all requests which need to be authenticated. |
| token\_type | String | String The type of the token "bearer" means the token string needs to be sent in the "Authorization" HTTP header with the string "Bearer " added as a prefix. (i.e Bearer zcEivUcNfsYmYBTn1iupWQSvCX6T) |
| expires\_in | Number | Number of seconds the token will stay valid. |

Service Name : Token

Service URL : <https://bhstms.bhs.global:89/token>

HTTP request method: POST

Request Parameters :

1. grant\_type=password
2. username=UMCTest
3. password=UMC@1234

Header Content-Type: "application/x-www-form-urlencoded"

**Response (Token key Service Call)**

{

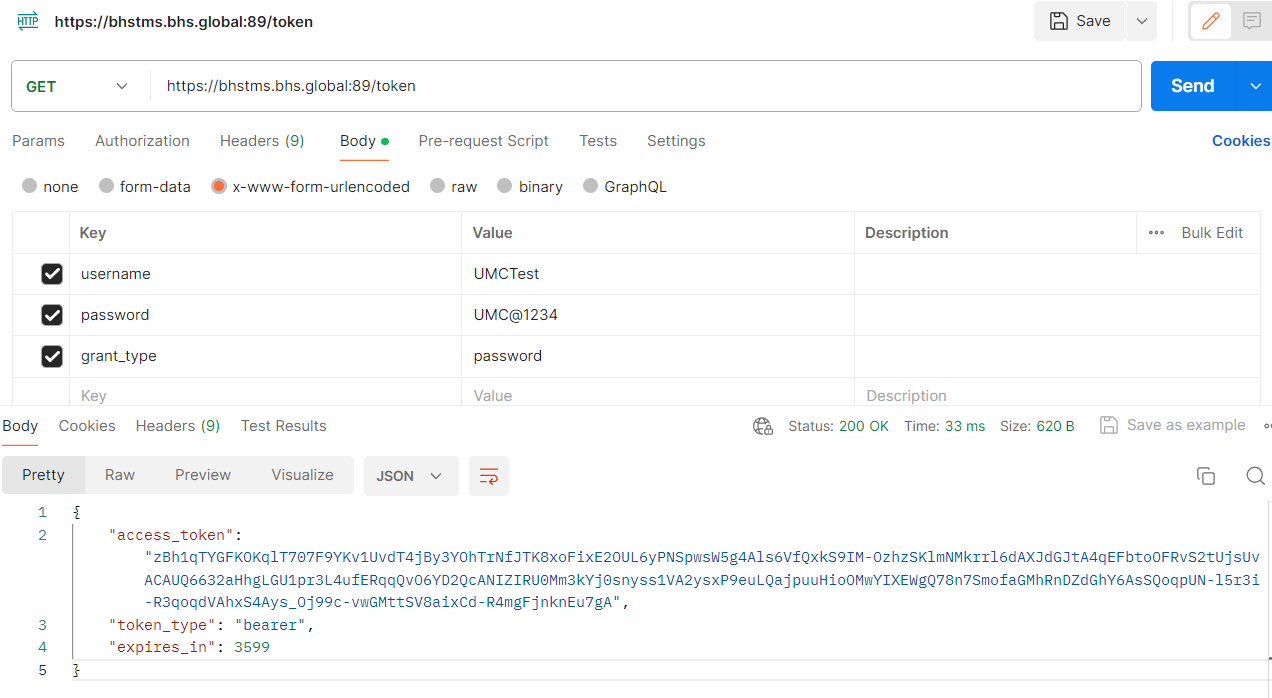
    "access\_token": "zcEivUcNfsYmYBTn1iupWQSvCX6Tk-pM09Z1k-yUqOBp5N5K8aVyE6HRzcLhdwTY-oDsvjkIl2w-zByDOfAe0lniykegwXnFbbMgJcE7DhQPVmMmkWf7WMVFGiOOR4HF6T\_aak9HWmegvQaqciULbYaee5szeAlTZm2OsJgteNPAfNgGyCS3ug3Ph7akjSLW\_tmfD2ni3H\_yiipa4JyiHCUT6DvLafUQiLDKIFPukIPPo4hoe4xw5\_UHrEkLLXew3SYqEPIPlE0aRNKChVc1y-gh-uRnl5NZGKkQLNNwTBg",

    "token\_type": "bearer",

    "expires\_in": 3599

}

**Postman Sample:**



**2.1) User Login**

|  |  |  |
| --- | --- | --- |
| **Request Field** | **Field Type** | **Field Description** |
| UserName | String | User name |
| Password | String | User password |

Service Name: getlogininfo

Service URL : https://bhstms.bhs.global:89/api/bhskapi/getuser

HTTP request method: GET.

Headers - Authorization: "Bearer " <From Token Service call>

Header - Content-Type: "application/json"

--Current user info

**Request Parameters:**

1. Username: UMCTest
2. Password: UMC@1234

**Response Field**

Json format

[

    {

        "StatusCode": 1,

        "UserName": "UMCTest",

        "UserId": "716",

        "Role": "admin",

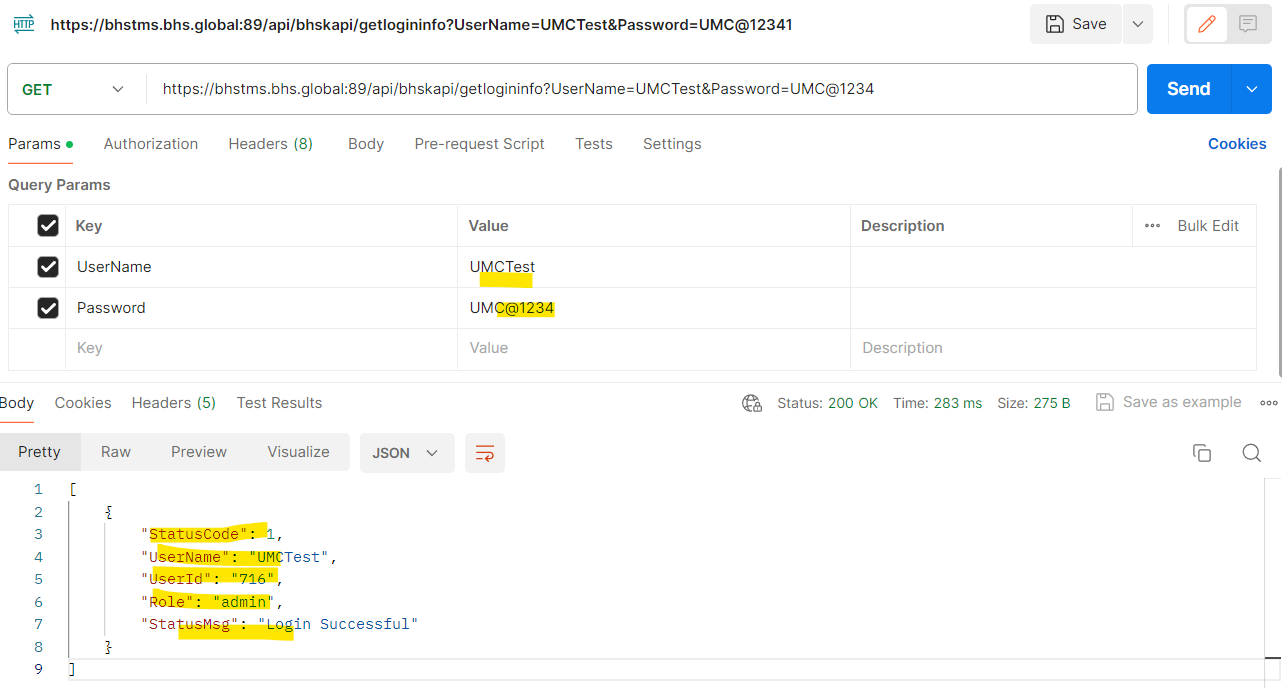
        "StatusMsg": "Login Successful"

    }

]

**\*\* Please Keep the userId fields and passed into other server call API method parameters. (if applicable)**

**Postman Sample:**

****

**2.2) Add Users**

Service Name: addusers

Service URL : <https://bhstms.bhs.global:89/api/bhskapi/addusers>

HTTP request method: POST.

Headers - Authorization: "Bearer " <From Token Service call>

Header - Content-Type: "application/json"

**Requested Parameter Json format**

{

    "UserName": "UMCTest",

    "Password": "Umc@1234",

    "Role": "admin",

    "EmailId":"kannan@gmail.com",

    "Contact":"85252525",

    "Workgroup":"UMC",

    "UserId":"bhs"

    }

**Response Field Json format**

{ErrCode:1, ErrMsg:User Details Added Successfully.!}

**2.3) Userlist**

Service Name: getuserlist

Service URL : <https://bhstms.bhs.global:89/api/bhskapi/getuserlist>

HTTP request method: GET.

Headers - Authorization: "Bearer " <From Token Service call>

Header - Content-Type: "application/json"

**Request Parameters:**

1. Userid: 716
2. <https://bhstms.bhs.global:89/api/bhskapi/getuserlist>&

filter[Usernamee]=XXX&filter[emailid]=YYYY&filter[Contact]=XXX&filter[workgroup]=&search\_keyword=keyword&page=10 only single digits

**Response Field Json format**

[

    {

        "UserName": "UMCTest",

        "UserId": "716",

        "Password": **null**,

        "Role": "admin",

        "EmailId": "bhsuser@bhs.global",

        "Contact": "85252525",

        "Workgroup": "UMC",

        "Createdby": "bhs"

    },

    {

        "UserName": "UMCTest1",

        "UserId": "717",

        "Password": **null**,

        "Role": "admin",

        "EmailId": "bhsuser@bhs.global",

        "Contact": "85252525",

        "Workgroup": "UMC",

        "Createdby": "bhs"

    }

]

**2.4) Change password**

Service Name: changepassword

Service URL : <https://bhstms.bhs.global:89/api/bhskapi/changepassword>

HTTP request method: POST.

Headers - Authorization: "Bearer " <From Token Service call>

Header - Content-Type: "application/json"

**Request Parameters:**

1. Userid: 716
2. OldPassword:UMC@1234
3. NewPassword:UMC@7891

**Response Field Json format**

{ErrCode:1,ErrMsg:Password Changed}

**2.5) Reset password**

Service Name: resetpassword

Service URL : <https://bhstms.bhs.global:89/api/bhskapi/resetpassword>

HTTP request method: POST.

Headers - Authorization: "Bearer " <From Token Service call>

Header - Content-Type: "application/json"

resetpassword

**Request Parameters:**

1. Userid: 716
2. Password:UMC@1234

**Response Field Json format**

{ErrCode:1,ErrMsg:Password Changed}

**Reference Point :**

* Every service call needs to pass a Token key.
* Mandatory fields need to pass the above API's.