**Service Name: Office**

**Number Of API: 30**

**API List:**

1. All Ministry/Division List
2. Ministry/Division by it's attribute(e.g. Name in Bangla,  Name in English etc.)
3. Ministry/Division Layer Information
4. All Office List of Government office
5. All Office List of Line Ministry
6. Fulll hierarchical Office List Top to Bottom) of a office
7. current Font Desk of a office
8. All previous Font Desk of a office
9. Domain Information of a office
10. Office Information by it's attribute( e.g. Id, Office Name, Ministry Name, It's geo location, Mobile no. etc.)
11. All  Units of a Office
12. Office Unit by It' attribute ( Unit Name, Office Name, etc.)
13. All Office Of A Specific Layer
14. Parent Office of A Office
15. All Child Office of a Office
16. Origin Structure Of An Office
17. Total No. of Position(Post) in Office
18. Total No. of Position(Post) in Office Unit
19. Total No. of Position(Post) in a Ministry
20. Total No. of Position(Post) in Bangladesh
21. Office hierarchy (top to bottom) of line ministry
22. Total Empty Post Of an office
23. Total Empty post of an office unit
24. Total Empty post of all child offices of specific office
25. Total Empty post of a ministry
26. Office GEO Change History
27. Office Line Ministry change History
28. Employee list work in specific chair of organogram
29. Organogram Information Of an Office
30. Office oragnogram change history

**OISF Core Service Definition**

**Service Name: ‘All Ministry/Division List’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0301 |
| 2 | Service Name | All Ministry/Division List |
| 3 | Description of Service | The service provides all the list of different Ministry/Division. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type (Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Office Type 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0301 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0301 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0301 |
| **Service Invoking Fields** | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Field**  1. Office Type |
| **Service Response Fields** | |
| 1. Name in English 2. Name in Bangle 3. Office Type 4. Short Name in English 5. Reference Code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Type | Number | Type of the office if it is ministry or division. If type = 1 then it is ministry else if type =2 then it is division. |
| Name in English | Varchar | The name of the Ministry/Division in English |
| Name in Bangla | Varchar | The name of the Ministry/Division in Bangla |
| Short name in English | Varchar | This field indicates the short name of ministry or Division |
| Reference Code | Varchar | A reference code of the ministry or division |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0301 |
| Invoking Uri | http://doptor.gov.bd:8090/office/ministries |
| Example of request | Request Uri- http://doptor.gov.bd:8090/office/ministries  Request Body:  {  ministry\_list:{  application\_code; 12345  application\_token: ‘XY13KLH’  office\_type : 1  }  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  [  {  nameEng: 'Dhaka'  nameBng: 'ঢাকা'  officeName: 'ministry\_name'  }( upto 0 to N number)  ]  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Ministry/Division by it's attribute (e.g. Name in Bangla, Name in English etc.)**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0302 |
| 2 | Service Name | Ministry/Division by it's attribute(e.g. Name in Bangla,  Name in English etc.) |
| 3 | Description of Service | From Name in Bangla, Name in English or other attribute the description of any ministry or division can be obtained |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Type 4. Name in English 5. Name in Bangle 6. Reference Code 7. Short name in English |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Type   Any One of the following   1. Name in English 2. Name in Bangle 3. Reference Code 4. Short name in English |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0302 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0302 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0302 |
| **Service Invoking Fields** | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Office Type 4. Any One of the following 5. Name in English 6. Name in Bangle 7. Reference Code 8. Short name in English | **Optional Field** |
| **Service Response Fields** | |
| 1. Name in English 2. Name in Bangle 3. Office Type 4. Short Name in English 5. Reference Code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Type | Number | Type of the office if it is ministry or division. If type = 1 then it is ministry else if type =2 then it is division. |
| Name in English | Varchar | The name of the Ministry/Division in English |
| Name in Bangla | Varchar | The name of the Ministry/Division in Bangla |
| Short name in English | Varchar | This field indicates the short name of ministry or Division |
| Reference Code | Varchar | A reference code of the ministry or division |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0302 |
| Invoking Uri | http://doptor.gov.bd:8090/office/ministries?name\_eng\_short=’BANGABHABAN’ |
| Example of request | Request Uri- http://doptor.gov.bd:8090/office/ministries?name\_eng\_short=’BANGABHABAN’  Request Body:  {  ministryOrDivisionByAttribute:{  application\_code; 12345  application\_token: ‘XY13KLH’  nameInEnglish: ‘Office of the President of Bangladesh’  office\_type: 1  name\_eng\_short:’ BANGABHABAN’  }  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  nameEng: Office of the President of Bangladesh  nameBng: রাষ্ট্রপতির কার্যালয়  officeName: Office of the President of Bangladesh'  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Ministry/Division Layer Information’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0303 |
| 2 | Service Name | Ministry/Division Layer Information |
| 3 | Description of Service | All the information about the ministry/division layer. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type (Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Ministry Id 4. Office Layer Sequence 5. Office Layer Level |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Ministry Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0303 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0303 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0303 |
| **Service Invoking Fields** | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Office Ministry Id | **Optional Fields**   1. Office Layer Sequence 2. Office Layer Level |
| **Service Response Fields** | |
| 1. Office Layer Name in English 2. Office Layer Name in Bangla 3. Office Layer Level | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Name in English | Varchar | Name of the office layer in English. |
| Office Layer Name in Bangla | Varchar | Name of the office layer in Bangla. |
| Office Layer Level | Number | Level of the office Layer. |
| Office Layer Sequence | Number | Sequence Of the office layer |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0303 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  officeLayer:{  officeLayerId: 5  application\_code; 12345  application\_token: ‘XY13KLH’  }  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  [  {  officeLayerNameEng:’ Ministry’  officeLayerNameBn: ‘মন্ত্রণালয়’  officeLayerLevel:4  id: 5  }(From 0 upto N]  ]  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Office List of Government office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0304 |
| 2 | Service Name | All Office List of Government office |
| 3 | Description of Service | Give all office List of Government office |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type ( Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office Layer Id  4. Geo Upazilla Id  5. Geo division Id  6. Geo District Id  7. Geo City Corporation Id  8. Office Ministry Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0304 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0304 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0304 |
| **Service Invoking Fields** | |
| **Mandatory Fields**   1. Sender S/W Application Code   2. Sender Application Token | **Optional Fields**   1. Office Layer Id 2. Geo Upazilla Id 3. Geo division Id 4. Geo District Id 5. Geo City Corporation Id 6. Office Ministry Id |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of the requested office. |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique id of office layer |
| Geo Upazila Id | Number | This field indicates the respective identical upazila no for which the information will be asked. |
| Geo District Id | Number | This field indicates the respective identical District no for which the information will be asked. |
| Geo division Id | Number | This field indicates the respective identical division no for which the information will be asked. |
| Geo City Corporation Id | Number | This field indicates the respective identical City Corporation no for which the information will be asked. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.02.0001.0304 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  All\_office\_list:{  officeLayerId: 1  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  [  {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }( 0 to upto N)  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Office List of Line Ministry’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0305 |
| 2 | Service Name | All Office List of Line Ministry |
| 3 | Description of Service | Gives all office List of the requested line ministry |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type ( Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office Layer Id  4. Geo Upazilla Id  5. Geo division Id  6. Geo District Id  7. Geo City Corporation Id  8. Office Ministry Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Office Ministry Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0305 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0305 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0305 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Office Ministry Id | **Optional Fields**   1. Office Layer Id 2. Geo Upazilla Id 3. Geo division Id 4. Geo District Id 5. Geo City Corporation Id 6. Office Ministry Id |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of the requested office. |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique id of office layer |
| Geo Upazila Id | Number | This field indicates the respective identical upazila no for which the information will be asked. |
| Geo District Id | Number | This field indicates the respective identical District no for which the information will be asked. |
| Geo division Id | Number | This field indicates the respective identical division no for which the information will be asked. |
| Geo City Corporation Id | Number | This field indicates the respective identical City Corporation no for which the information will be asked. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0305 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  All\_office\_list\_of \_line\_ministry:{  Office\_ministry\_Id: 1  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office\_list:  [  {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }( 0 to upto N)  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Full hierarchical Office List Top to Bottom of an office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0306 |
| 2 | Service Name | Full hierarchical office list(top to bottom) of an office |
| 3 | Description of Service | Provides hierarchy office list and their information of the requested office . |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office ID |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Office ID |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0306 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0306 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0306 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Office ID | **Optional Field** |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangle 3. Office Layer Name in English 4. Office Layer Name in Bangle 5. Office Layer Level 6. Office Layer Sequence | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office. |
| Office Name in English | Varchar | The name of the Office in English |
| Office Name in Bangla | Varchar | The name of the Office in Bangla |
| Office Layer Name in English | Varchar | The name of the Office layer in English |
| Office Layer Name in Bangla | Varchar | The name of the Office layer in Bangla |
| Office Layer Level | Number | Layer level of the office |
| Office Layer  Sequence | Number | Layer sequence of the office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0306 |
| Invoking Uri | http://doptor.gov.bd:8090/offices/ |
| Example of request | Request Uri- [http://doptor.gov.bd:8090/offices](http://doptor.gov.bd:8090/emplopyee)  Request Body:  {  Employee\_office\_hierarchy\_information:{  application\_code; 12345  application\_token: ‘XY13KLH’  Office\_id: “123”  }  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office\_nameEng:”Dc office, Jhenaidah”  Office\_nameBng: “ডিসি অফিস, ঝিনাইদহ”  Office\_layer\_name\_eng: “District Office”  Office\_layer\_name\_bng: “জেলা কার্যালয়”  Office\_layer\_level: “4”  Office\_layer\_sequence: “0”  Top\_level\_office\_information:  [  {  Office\_nameEng:” Khulna Divisonal Office”  Office\_nameBng: “খুলনা বিভাগীয় অফিস”  Office\_layer\_name\_eng: “Divisiona Office”  Office\_layer\_name\_bng: “বিভাগীয় কার্যালয়”  Office\_layer\_level: “3”  Office\_layer\_sequence: “3”  }, (upto 0 to N number )  ]  Bottom\_level\_office\_information:  [  {  Office\_nameEng:” Shailkupa Upazila Office”  Office\_nameBng: “ শৈল কুপা উপজেলা অফিস”  Office\_layer\_name\_eng: “Upazilla Office”  Office\_layer\_name\_bng: “উপজেলা কার্যালয়”  Office\_layer\_level: “5”  Office\_layer\_sequence: “0”  }, (upto 0 to N number )  ]    }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Current Font Desk of an office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0307 |
| 2 | Service Name | Current Font Desk of an office |
| 3 | Description of Service | Provides current font desk of an office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0307 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0307 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0307 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Office id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Name English 2. Office Name Bangla 3. Officer Name English 4. Officer Name Bangla 5. Designation Name English 6. Designation Name Bangla 7. Employee Record Id 8. From date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Office Name English | Varchar | Name of requested office in English. |
| Office Name Bangla | Varchar | Name of requested office in Bangla. |
| Officer Name English | Varchar | Name of the officer of the font desk of the requested office in English |
| Officer Name Bangla | Varchar | Name of the officer of the font desk of the requested office in Bangla |
| Designation Name English | Varchar | This field indicates the designation of the officer in English |
| Designation Name Bangla | Varchar | This field indicates the designation of the officer in Bangla |
| Employee Record Id | Number | Unique employee id of the officer. |
| From date | Date | This fields indicates the starting date. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.02.0001.0307 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Current\_offce\_Front\_desk{  Offce\_id: “1”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  {  Office\_name\_eng: “BimanBahini Office”  Office\_name\_bng: “বিমানবাহিনী অফিস”  officer\_name\_eng: “Bishwajit Saha”  officer\_name\_bng: “বিশ্বজিৎ সাহা”  Designation\_name\_eng: “HR”  Designation\_name\_bng: “এইচ আর”  Employee\_record\_id: “234”  From\_date: “1/2/2003”  }  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Previous Font Desks of an office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0308 |
| 2 | Service Name | All previous Font Desks of an office |
| 3 | Description of Service | Provides all previous font desks of an office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0308 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0308 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0308 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Office id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Name English 2. Office Name Bangla 3. Officer Name English 4. Officer Name Bangla 5. Designation Name English 6. Designation Name Bangla 7. Employee Record Id 8. From date 9. To date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Office Name English | Varchar | Name of requested office in English. |
| Office Name Bangla | Varchar | Name of requested office in Bangla. |
| Officer Name English | Varchar | Name of the officer of the font desk of the requested office in English |
| Officer Name Bangla | Varchar | Name of the officer of the font desk of the requested office in Bangla |
| Designation Name English | Varchar | This field indicates the designation of the officer in English |
| Designation Name Bangla | Varchar | This field indicates the designation of the officer in Bangla |
| Employee Record Id | Number | Unique employee id of the officer. |
| From date | Date | This fields indicates the starting date. |
| To date | Date | This fields indicates the ending date. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.02.0001.0308 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  All\_previous\_Front\_desk{  Offce\_id: “1”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office\_name\_eng: “BimanBahini Office”  Office\_name\_bng: “বিমানবাহিনী অফিস”  Officers:  [  {    officer\_name\_eng: “Bishwajit Saha”  officer\_name\_bng: “বিশ্বজিৎ সাহা”  Designation\_name\_eng: “HR”  Designation\_name\_bng: “এইচ আর”  Employee\_record\_id: “234”  From\_date: “1/2/2003”  To\_date: “2/2/2003”  }, (upto 0 to N number )  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |
|  |  |

**Service Name: ‘Domain Information of an office’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0309 |
| 2 | Service Name | Domain Information of an office |
| 3 | Description of Service | Domain Information of an office |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Office id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0309 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0309 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0309 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Office id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Doman URL  2. Domain Prefix  3. Domain Host | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Domain URL | Varchar | Name of domain of the office |
| Domain Host | Varchar | Host name of the domain of the office |
| Domain Prefix | Varchar | Prefix of the domain of the office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0309 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  officeDomain{  application\_code; 12345  application\_token: ‘XY13KLH’  Offce\_id: 1234  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  domainUrl: ‘http://jamalpur.nothi.gov.bd’  domainPrefix: ‘jamalpur’  domainHost: ‘192.168.5.101’    }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office Information by its attribute’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0310 |
| 2 | Service Name | Office Information by it's attribute |
| 3 | Description of Service | From different attributes (eg. Id, Office Name, Ministry Name, Geo Location) the office information can be get |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type ( Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. office\_ministry\_id  4. office\_layer\_id  5. Office id  6. Geo Upazilla Id  7. Geo division Id  8. Geo District Id  9. Geo City Corporation Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  Any Of the following-   1. Office Id 2. office\_ministry\_id 3. office\_layer\_id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0310 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0310 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0310 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  Any Of the following-   1. Office ID 2. office\_ministry\_id 3. office\_layer\_id | **Optional Fields**     1. Geo Upazilla Id 2. Geo division Id 3. Geo District Id 4. Geo City Corporation Id |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique layer id for the requested office. |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of Office |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Office Web | Varchar | Website of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0310 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  officeInformationByAttribute:{  id: 10  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Units of an Office’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0311 |
| 2 | Service Name | All  Units of a Office |
| 3 | Description of Service | Information about all the units of an office |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. office ministry id  5. office Layer id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. office id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0311 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0311 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0311 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. office id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Unit Name in English 2. Office Unit Name in Bangla 3. Office Unit Category 4. Unit Level | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique layer id for the requested office. |
| Office Unit Name in English | Varchar | Name of Office Unit in English |
| Office Unit Name in Bangla | Varchar | Name of Office Unit in Bangla |
| Office Unit Category | Varchar | Office Unit category |
| Unit Level | Varchar | Level of the unit of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0311 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  officeUnit:{  officeId: 53  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  [  {  Id: 33  officeUnitNameEng: ‘Computer Cell’  officeUnitNameBng: ‘কম্পিউটার সেল’  OfficeUnitCategory: ‘শাখা’  }( from 0 upto N)  ]    }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office Unit by It's attribute’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0312 |
| 2 | Service Name | Office Unit by It' attribute |
| 3 | Description of Service | Information about an office unit from it’s attribute |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. office ministry id  5. office Layer id  6. Office Unit Id  7.Unit level |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4.Office Unit Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0312 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0312 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0312 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  3. office id  4.Office Unit Id | **Optional Fields**     1. office ministry id 2. office Layer id 3. Unit level |
| **Service Response Fields** | |
| 1. Office Unit Name in English 2. Office Unit Name in Bangla 3. Office Unit Category 4. Unit Level | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office ID | Number | Unique id of the requested office. |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique layer id for the requested office. |
| Office Unit Name in English | Varchar | Name of Office Unit in English |
| Office Unit Name in Bangla | Varchar | Name of Office Unit in Bangla |
| Office Unit Category | Varchar | Office Unit category |
| Unit Level | Varchar | Level of the unit of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0312 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  officeUnit:{  officeId: 53  Id: 33  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  officeUnitNameEng: ‘Computer Cell’  officeUnitNameBng: ‘কম্পিউটার সেল’  OfficeUnitCategory: ‘শাখা’  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Office Of A Specific Layer’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0313 |
| 2 | Service Name | All office of a specific layer |
| 3 | Description of Service | Gives list of all office of a specific layer of a specific ministry. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Layer Id 4. Office Ministry id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3.Office Layer Id  4. Office Ministry id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0313 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0313 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0313 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  3.Office Layer Id  4. Office Ministry id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of the requested office. |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Layer Id | Number | Unique id of office layer |
| Office Ministry Id | Number | Unique identifier for office ministry. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0313 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Office\_of\_a\_specific\_layer:{  Office layer id: 53  Office ministry id: “5”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  [  {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }( 0 to upto N)  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Parent Office of A Office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0314 |
| 2 | Service Name | Parent office of a office |
| 3 | Description of Service | Gives all information about the parent office of a specific office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0314 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0314 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0314 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of the requested office. |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Id | Number | Unique id of the requested office . |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0314 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Parent\_office\_of\_a\_office:{  Office id: “10”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘All Child Offices of A Office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0315 |
| 2 | Service Name | All child offices of a office |
| 3 | Description of Service | Gives all information about all child offices of a specific office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0315 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0315 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0315 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office Name in English 2. Office Name in Bangla 3. Office Address 4. Office Email 5. Office Web 6. Office Phone 7. Office Mobile 8. Office Fax | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Name in English | Varchar | Name of Office in English |
| Office Address | Varchar | Address of the requested office. |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Email | Varchar | Email Address of Office |
| Office Phone | Varchar | Phone Number of Office |
| Office Fax | Varchar | Fax Number of Office |
| Office Mobile | Varchar | Mobile Number of Office |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Id | Number | Unique id of the requested office . |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0315 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  All\_child\_offices\_of\_a\_office:{  Office id: “10”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  [  {  officeNameEng: ’ Office of the Deputy Commissionar, Chittagong’  officeNameBng: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  OfficeAddress: ‘জেলা প্রশাসকের কার্যালয়, চট্টগ্রাম’  officeEmail: ‘dcchittagong@mopa.gov.bd’  officeWeb: ‘http://www.chittagong.gov.bd/’  officePhone: ‘০৩১- ৬১৯৯৯৬’  officeMobile: ‘01713104332’  officeFax: ‘৮৮-০৩১-৬২০৫৭০, ৮৮-০৩১-৬৩৫২৭২’  }( 0 to upto N)  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Origin Structure Of An Office Layer’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0316 |
| 2 | Service Name | Origin structure of a office layer |
| 3 | Description of Service | Gives origin structure of the requested office layer of the selected ministry. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Layer Id 4. Office Ministry id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3.Office Layer Id  4. Office Ministry id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0316 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0316 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0316 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  3.Office Layer Id  4. Office Ministry id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Unit Id 5. Unit Name English 6. Unit Name Bangla 7. Designation Id 8. Designation Name English 9. Designation Name Bangla 10. Designation Level 11. Designation Sequence | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of Office Unit in English |
| Unit Name in Bangla | Varchar | Name of Office Unit in Bangla |
| Unit Id | Number | Unique id of the requested office unit . |
| Designation Id | Number | Unique id of the the designation of the requested office unit . |
| Designation Name in English | Varchar | Name of the designation of the requested office unit in English |
| Designation Name in Bangla | Varchar | Name of the designation of the requested office unit in Bangla |
| Designation Level | Number | Level of the designation of the requested office unit. |
| Designation Sequence | Number | Sequence number of the designation of the requested office unit. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |
| Office Layer Id | Number | Unique id of office layer |
| Office Ministry Id | Number | Unique identifier for office ministry. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0316 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Origin\_structure\_of\_an\_office\_layer:{  Office layer id: 53  Office ministry id: “5”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  [  {  Unit ID : “184”  Unit Name English: “Cabinet Secretary Office”  Unit Name Bangla: “মন্ত্রিপরিষদ সচিব এর দপ্তর”  [  {  Designation Id: “551”  Designation English: ‘PS to Secretary’  Designation Bangla: ‘একান্ত সচিব (সহকারী সচিব)’  Designation Level: “4”  Designation Sequence: “1”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]    }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total No. of Position(Post) in an Office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0317 |
| 2 | Service Name | Total No. of Position(Post) in an Office |
| 3 | Description of Service | Gives information about the Total No. of Position(Post) of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0317 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0317 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0317 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Unit Name in English 5. Office Name in Bangla 6. Total Post 7. Total Unit Post 8. Post Name English 9. Post Name Bangla 10. Number of Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of the requested Office in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of the requested Office in Bangla |
| Total Post | Number | This field contains total number of post of the requested office. |
| Total unit Post | Number | This field contains total number of post of a specific unit of the requested office. |
| Post Name English | Varchar | This field will hold the name of the post in English. |
| Post Name Bangla | Varchar | This field will hold the name of the post in Bangla. |
| Number of Post | Number | This field will contain number of post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0317 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_post\_of\_an\_office:{  Office id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total Post: “100”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total Unit Post: “30”  [  {  Post Name English: “Upazila Social Service Officer”  Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Post: “7”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]    }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total No. of Position(Post) in an Office unit’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0318 |
| 2 | Service Name | Total No. of Position(Post) in an Office unit |
| 3 | Description of Service | Gives information about the Total No. of Position(Post) of a specific unit of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. office ministry id  5. office Layer id  6. Office Unit Id  7.Unit level |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. Office Unit Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0318 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0318 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0318 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. Office Unit Id | **Optional Fields**   1. office ministry id 2. office Layer id 3. Unit level |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Unit Name in Bangla 4. Unit Name in English 5. Office Name in Bangla 6. Total Unit Post 7. Post Name English 8. Post Name Bangla 9. Number of Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique layer id for the requested office. |
| Unit Level | Varchar | Level of the unit of the requested office. |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of the requested Office in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of the requested Office in Bangla |
| Total unit Post | Number | This field contains total number of post of the requested unit of an office. |
| Post Name English | Varchar | This field will hold the name of the post in English. |
| Post Name Bangla | Varchar | This field will hold the name of the post in Bangla. |
| Number of Post | Number | This field will contain number of post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0318 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_post\_of\_an\_office\_unit:{  Office id: “39”  Office Unit Id : “2”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Office Unit Id : “2”  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total Unit Post: “30”  [  {  Post Name English: “Upazila Social Service Officer”  Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Post: “7”  }, ( upto 0 to N number )  ]    }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total No. of Position(Post) in Ministry’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0319 |
| 2 | Service Name | Total No. of Position(Post) in a Ministry |
| 3 | Description of Service | Gives information about the Total No. of Position(Post) of the requested ministry. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id 4. Office Type |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0319 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0319 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0319 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id | **Optional Fields**  1. Office Type |
| **Service Response Fields** | |
| 1. Ministry ID 2. Ministry Name in English 3. Ministry Name in Bangla 4. Office Name in English 5. Office Name in Bangla 6. Unit Name in English 7. Unit Name in Bangla 8. Total Post 9. Total Office Post 10. Total Unit Post 11. Post Name English 12. Post Name Bangla 13. Number of Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ministry Id | Number | Unique id of the requested Ministry . |
| Ministry Name in English | Varchar | Name of Ministry in English |
| Ministry Name in Bangla | Varchar | Name of Ministry in Bangla |
| Office Name in English | Varchar | Name of an office under the requested ministry in English |
| Office Name in Bangla | Varchar | Name of an office under the requested ministry in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of a specific office of the requested ministry in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of a specific office of the requested ministry in Bangla |
| Total Post | Number | This field contains total number of post of the requested ministry . |
| Total office Post | Number | This field contains total number of a specific office of the requested ministry . |
| Total unit Post | Number | This field contains total number of post of a specific unit of a specific office of the requested ministry . |
| Post Name English | Varchar | This field will hold the name of the post in English. |
| Post Name Bangla | Varchar | This field will hold the name of the post in Bangla. |
| Number of Post | Number | This field will contain number of post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0319 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_post\_of\_an\_ministry:{  Ministry id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Ministry id: “53”  Ministry\_Name\_eng: ’Ministry of Land’  Ministry\_Name\_bng: ‘ভূমি মন্ত্রণালয়’  Total Post: “1000”  Offices:  [  {  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total\_office\_post: “100”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total Unit Post: “30”  [  {  Post Name English: “Upazila Social Service Officer”  Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Post: “7”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total No. of Position(Post) in Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0320 |
| 2 | Service Name | Total No. of Position(Post) in a Bangladesh |
| 3 | Description of Service | Gives information about the Total No. of Position(Post) of Bangladesh. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0320 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0320 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0320 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Ministry ID 2. Ministry Name in English 3. Ministry Name in Bangla 4. Office Name in English 5. Office Name in Bangla 6. Unit Name in English 7. Unit Name in Bangla 8. Total Post 9. Total Ministry Post 10. Total Office Post 11. Total Unit Post 12. Post Name English 13. Post Name Bangla 14. Number of Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ministry Id | Number | Unique id of a Ministry . |
| Ministry Name in English | Varchar | Name of Ministry in English |
| Ministry Name in Bangla | Varchar | Name of Ministry in Bangla |
| Office Name in English | Varchar | Name of an office under a specific ministry in English |
| Office Name in Bangla | Varchar | Name of an office under a specific ministry in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of a specific office under a specific ministry in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of a specific office under a specific ministry in Bangla |
| Total Post | Number | This field contains total number of post in Bangladesh . |
| Total Ministry Post | Number | This field contains total number of post of a specific ministry . |
| Total office Post | Number | This field contains total number of post of a specific office under a specific ministry . |
| Total unit Post | Number | This field contains total number of post of a specific unit of a specific office under a specific ministry . |
| Post Name English | Varchar | This field will hold the name of the post in English. |
| Post Name Bangla | Varchar | This field will hold the name of the post in Bangla. |
| Number of Post | Number | This field will contain number of post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0320 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_post\_of\_bangladesh:{  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Total\_post: “10000”  Ministries:  [  {  Ministry id: “53”  Ministry\_Name\_eng: ’Ministry of Land’  Ministry\_Name\_bng: ‘ভূমি মন্ত্রণালয়’  Total\_ministry-post: “1000”  Offices:  [  {  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total\_office\_post: “100”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total Unit Post: “30”  [  {  Post Name English: “Upazila Social Service Officer”  Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Post: “7”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office Hierarchy (Top to Bottom) of line Ministry’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0321 |
| 2 | Service Name | Office Hierarchy (Top to Bottom) of line Ministry |
| 3 | Description of Service | Provides hierarchy office list and their information of the requested office . |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. Ministry ID |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. Ministry ID |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0321 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0321 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0321 |
| **Service Invoking Fields** | |
| **Mandatory Fields**  1. Sender S/W Application Code  2. Sender Application Token  3. Ministry ID | **Optional Field** |
| **Service Response Fields** | |
| 1. Ministry Name in English 2. Ministry Name in Bangle 3. Office Name in English 4. Office Name in Bangle 5. Layer Name in English 6. Layer Name in Bangle 7. Layer Level 8. Layer Sequence | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ministry Id | Number | Unique id of the requested Ministry . |
| Ministry Name in English | Varchar | The name of the Ministry in English |
| Ministry Name in Bangla | Varchar | The name of the Ministry in Bangla |
| Office Name in English | Varchar | The name of the Office in English |
| Office Name in Bangla | Varchar | The name of the Office in Bangla |
| Layer Name in English | Varchar | The name of the Office/Ministry in English |
| Layer Name in Bangla | Varchar | The name of the Office/Ministry in Bangla |
| Layer Level | Number | Layer level of the Office/Ministry |
| Layer Sequence | Number | Layer sequence of the Office/Ministry |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0321 |
| Invoking Uri | http://doptor.gov.bd:8090/offices/ |
| Example of request | Request Uri- [http://doptor.gov.bd:8090/offices](http://doptor.gov.bd:8090/emplopyee)  Request Body:  {  Employee\_office\_hierarchy\_information:{  application\_code; 12345  application\_token: ‘XY13KLH’  Ministry\_id: “123”  }  } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Ministry\_name\_eng:”Ministry of Public Administration”  Ministry\_name\_bng: “জনপ্রশাসন মন্ত্রণালয়”  layer\_name\_eng: “Ministry”  layer\_name\_bng: “মন্ত্রণালয়”  layer\_level: “1”  layer\_sequence: “0”  offices\_information:  [  {  Office\_name\_eng:” Khulna Divisonal Office”  Office\_name\_bng: “খুলনা বিভাগীয় অফিস”  layer\_name\_eng: “Divisiona Office”  layer\_name\_bng: “বিভাগীয় কার্যালয়”  layer\_level: “3”  layer\_sequence: “3”  }, (upto 0 to N number )  ]  }    }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total Empty Post of an office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0322 |
| 2 | Service Name | Total Empty post of an office |
| 3 | Description of Service | Gives information about the total empty post of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0322 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0322 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0322 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Unit Name in Bangla 5. Unit Name in English 6. Total Empty Post 7. Total Unit Empty Post 8. Empty Post Name English 9. Empty Post Name Bangla 10. Number of Empty Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of the requested Office in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of the requested Office in Bangla |
| Total Empty Post | Number | This field contains total number of empty post of the requested office. |
| Total unit Empty Post | Number | This field contains total number of empty post of a specific unit the requested office. |
| Empty Post Name English | Varchar | This field will hold the name of the empty post in English. |
| Empty Post Name Bangla | Varchar | This field will hold the name of the empty post in Bangla. |
| Number of Empty Post | Number | This field will contain number of empty post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0322 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Empty\_post\_of\_an\_office:{  Office id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total Empty Post: “10”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total\_unit\_empty\_post: “3”  [  {  Empty Post Name English: “Upazila Social Service Officer”  Empty Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Empty Post: “1”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]    }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total Empty Post of an office unit’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0323 |
| 2 | Service Name | Total Empty Post of an Office unit |
| 3 | Description of Service | Gives information about the Total Empty Post of a specific unit of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. office ministry id  5. office Layer id  6. Office Unit Id  7.Unit level |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. Office Unit Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0323 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0323 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0323 |
| **Service Invoking Fields** | |
| **Mandatory Fields**    1. Sender S/W Application Code  2. Sender Application Token  3. office id  4. Office Unit Id | **Optional Fields**   1. office ministry id 2. office Layer id 3. Unit level |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Unit Name in Bangla 4. Unit Name in English 5. Office Name in Bangla 6. Total Unit Empty Post 7. Post Name English 8. Post Name Bangla 9. Number of Empty Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Ministry Id | Number | Unique identifier for office ministry. |
| Office Layer Id | Number | Unique layer id for the requested office. |
| Unit Level | Varchar | Level of the unit of the requested office. |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of the requested Office in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of the requested Office in Bangla |
| Total unit empty Post | Number | This field contains total number of empty post of the requested unit of an office. |
| Post Name English | Varchar | This field will hold the name of the post in English. |
| Post Name Bangla | Varchar | This field will hold the name of the post in Bangla. |
| Number of Empty Post | Number | This field will contain number of empty post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0323 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_empty \_post\_of\_an\_office\_unit:{  Office id: “39”  Office Unit Id : “2”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Office Unit Id : “2”  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total Unit Empty Post: “3”  [  {  Post Name English: “Upazila Social Service Officer”  Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Empty Post: “1”  }, ( upto 0 to N number )  ]    }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total Empty post in all child offices of specific office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0324 |
| 2 | Service Name | Total Empty post in all child offices of specific office |
| 3 | Description of Service | Gives information about the total empty post of all child offices of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0324 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0324 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0324 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Unit Name in Bangla 5. Unit Name in English 6. Total Empty Post 7. Total Unit Empty Post 8. Empty Post Name English 9. Empty Post Name Bangla 10. Number of Empty Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of the requested Office in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of the requested Office in Bangla |
| Total Empty Post | Number | This field contains total number of empty post of the requested office. |
| Total unit Empty Post | Number | This field contains total number of empty post of a specific unit the requested office. |
| Empty Post Name English | Varchar | This field will hold the name of the empty post in English. |
| Empty Post Name Bangla | Varchar | This field will hold the name of the empty post in Bangla. |
| Number of Empty Post | Number | This field will contain number of empty post of the specific post of the requested office. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0324 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Empty\_post\_of\_all\_child\_offices\_of\_an\_office:{  Office id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Child\_Offices:  [  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total Empty Post: “10”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total\_unit\_empty\_post: “3”  [  {  Empty Post Name English: “Upazila Social Service Officer”  Empty Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Empty Post: “1”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]    } ( upto 0 to N number )  ]    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Total Empty Post of A Ministry’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0325 |
| 2 | Service Name | Total Empty Post of A Ministry |
| 3 | Description of Service | Gives information about the Total No. of empty Post of the requested ministry. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id 4. Office Type |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0325 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0325 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0325 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Ministry Id | **Optional Fields**  1. Office Type |
| **Service Response Fields** | |
| 1. Ministry ID 2. Ministry Name in English 3. Ministry Name in Bangla 4. Office Name in English 5. Office Name in Bangla 6. Unit Name in English 7. Unit Name in Bangla 8. Total Empty Post 9. Total Office Empty Post 10. Total Unit Empty Post 11. Empty Post Name English 12. Empty Post Name Bangla 13. Number of Empty Post | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ministry Id | Number | Unique id of the requested Ministry . |
| Ministry Name in English | Varchar | Name of Ministry in English |
| Ministry Name in Bangla | Varchar | Name of Ministry in Bangla |
| Office Name in English | Varchar | Name of an office under the requested ministry in English |
| Office Name in Bangla | Varchar | Name of an office under the requested ministry in Bangla |
| Unit Name in English | Varchar | Name of a specific unit of a specific office of the requested ministry in English |
| Unit Name in Bangla | Varchar | Name of a specific unit of a specific office of the requested ministry in Bangla |
| Total Empty Post | Number | This field contains total number of empty post of the requested ministry . |
| Total office Empty Post | Number | This field contains total number of empty post of a specific office of the requested ministry . |
| Total unit Empty Post | Number | This field contains total number of empty post of a specific unit of a specific office of the requested ministry . |
| Empty Post Name English | Varchar | This field will hold the name of the empty post in English. |
| Empty Post Name Bangla | Varchar | This field will hold the name of the empty post in Bangla. |
| Number of Empty Post | Number | This field will contain number of empty post of the specific post of a specific office under the requested ministry. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0325 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Total\_empty \_post\_of\_an\_ministry:{  Ministry id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {    {  Ministry id: “53”  Ministry\_Name\_eng: ’Ministry of Land’  Ministry\_Name\_bng: ‘ভূমি মন্ত্রণালয়’  Total\_empty\_post: “100”  Offices:  [  {  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Total\_office\_empty-post: “10”  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Total\_unit\_empty\_post: “3”  [  {  Empty Post Name English: “Upazila Social Service Officer”  Empty Post Name Bangla: “উপজেলা সমাজসেবা অফিসার”  Number of Empty Post: “1”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office GEO Change History’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0326 |
| 2 | Service Name | Office Geo Change History |
| 3 | Description of Service | Gives information about the geo change history of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0326 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0326 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0326 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Office Address in English 5. Office Address in Bangla 6. From date 7. To date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| From date | Date | This fields indicates the starting date. |
| To date | Date | This fields indicates the ending date. |
| Office Address in English | Varchar | Address of Office in English |
| Office Address in Bangla | Varchar | Address of Office in Bangla |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0326 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Office\_geo\_history:{  Office id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Geo\_histories::  [  {  Ofiice\_address\_eng: “Shailkupa, Jhenaidah”  Ofiice\_address\_bng: “শৈল কুপা, ঝিনাইদহ”  From\_date: “1.2.2012”  To\_date:” 1.3.2015”  }, ( upto 0 to N number )  ]    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office LIne Ministry Change History’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0327 |
| 2 | Service Name | Office LIne Ministry Change History |
| 3 | Description of Service | Gives information about the line ministry change history of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0327 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0327 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0327 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Ministry name in English 5. Ministry names in Bangla 6. From date 7. To date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| From date | Date | This fields indicates the starting date. |
| To date | Date | This fields indicates the ending date. |
| Ministry Name in English | Varchar | Ministry Name in English |
| Ministry Name in Bangla | Varchar | Ministry Name in Bangla |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0327 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Office\_line\_ministry\_change\_history:{  Office id: “53”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Line\_minstry\_change\_histories::  [  {  Ministry\_name\_eng: “ Ministry of Land”  Ministry\_name\_bng: “ভূমি মন্ত্রণালয়”  From\_date: “1.2.2012”  To\_date:” 1.3.2015”  }, ( upto 0 to N number )  ]    }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Employee list work in specific chair of organogram’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0328 |
| 2 | Service Name | Employee list work in specific chair of organogram |
| 3 | Description of Service | Provides employee list work in specific chair of organogram of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id 4. Office Unit Organogram Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id 4. Office Unit Organogram Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0328 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0328 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0328 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office Id 4. Office Unit Organogram Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Office Unit name in English 5. Office Unit names in Bangla 6. Designation name in Bangla 7. Designation name in English 8. Employee Name in English 9. Employee Name in Bangla 10. Employee Record Id 11. From date 12. To date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| From date | Date | This fields indicates the starting date. |
| To date | Date | This fields indicates the ending date. |
| Office Unit Organogram Id | Number | Unique Unit Organogram id of the requested office . |
| Office Unit Name in English | Varchar | Office Unit Name in English |
| Office Unit Name in Bangla | Varchar | Office Unit Name in Bangla |
| Designation Name in English | Varchar | Name of Designation in English |
| Designation Name in Bangla | Varchar | Name of Designation in Bangla |
| Employee Name in English | Varchar | Name of Employee in English |
| Employee Name in Bangla | Varchar | Name of Employee in Bangla |
| Employee record Id | Number | Unique id of the employee |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0328 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Employee\_list\_work\_in\_specific\_chair\_of\_organogram:{  Office id: “53”  Office\_unit\_organogram\_id: “5”  application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Designations:  [  {  Designation\_name\_eng: “Director”  Designation\_name\_bng: “পরিচালক”  Empolyee\_list:  [  {  Employee\_name\_eng: “Bishwajit Saha”  Employee\_name\_bng: “বিশ্বজিৎ সাহা”  From\_date: “1.2.2012”  To\_date:” 1.3.2015  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Organogram Information Of an Office’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0329 |
| 2 | Service Name | Organogram Information Of an Office |
| 3 | Description of Service | Provides Organogram Information of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id 4. Office Unit Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office ID |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0329 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0329 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0329 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office ID | **Optional Fields**  1. Office Unit Id |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Office Unit name in English 5. Office Unit names in Bangla 6. Designation name in Bangla 7. Designation name in English 8. Designation level 9. Designation sequence | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Unit Id | Number | Unique id of a specific unit of the requested office . |
| Office Unit Name in English | Varchar | Office Unit Name in English |
| Office Unit Name in Bangla | Varchar | Office Unit Name in Bangla |
| Designation Name in English | Varchar | Name of Designation in English |
| Designation Name in Bangla | Varchar | Name of Designation in Bangla |
| Designation Level | Number | Level of the designation |
| Designation sequence | Number | sequence of the designation |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0329 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Organogram\_information\_of\_an\_office:{  Office id: “53”    application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  Designations:  [  {  Designation\_name\_eng: “Director”  Designation\_name\_bng: “পরিচালক”  Designation\_level: “3”  Designation\_sequence: “1”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |

**Service Name: ‘Office Organogram Change History’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0330 |
| 2 | Service Name | Office Organogram Change History |
| 3 | Description of Service | Provides Organogram Information of the requested office. |
| 4 | Owner | OISF |
|  | Output type (Data/ Redirect) | Data |
| 5 | Service Type (Core/ Shared) | Core |
| 6 | Service Invoking Parameter | 1. Sender S/W Application Code 2. Sender Application Token 3. Office Id 4. Office Unit Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Office ID |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0330 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0330 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference Number** | 01.02.0001.0330 |
| **Service Invoking Fields** | |
| **Mandatory Fields**     1. Sender S/W Application Code 2. Sender Application Token 3. Office ID | **Optional Fields**  1. Office Unit Id |
| **Service Response Fields** | |
| 1. Office ID 2. Office Name in English 3. Office Name in Bangla 4. Office Unit name in English 5. Office Unit names in Bangla 6. Designation name in Bangla 7. Designation name in English 8. Designation level 9. Designation sequence 10. From Date 11. To Date | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Office Id | Number | Unique id of the requested office . |
| Office Name in English | Varchar | Name of Office in English |
| Office Name in Bangla | Varchar | Name of Office in Bangla |
| Office Unit Id | Number | Unique id of a specific unit of the requested office . |
| Office Unit Name in English | Varchar | Office Unit Name in English |
| Office Unit Name in Bangla | Varchar | Office Unit Name in Bangla |
| Designation Name in English | Varchar | Name of Designation in English |
| Designation Name in Bangla | Varchar | Name of Designation in Bangla |
| Designation Level | Number | Level of the designation |
| Designation sequence | Number | sequence of the designation |
| From date | Date | This fields indicates the starting date. |
| To date | Date | This fields indicates the ending date. |
| Sender S/W Application Code | Number | Unique code of sender Application |
| Sender Application Token | varchar | Generated authentication token of sender app |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0330 |
| Invoking Uri | http:// |
| Example of request | Request Uri-  Request Body:  {  Organogram\_information\_of\_an\_office:{  Office id: “53”    application\_code; 12345  application\_token: ‘XY13KLH’  }    } |
| Service Response | Response code : 200 interpretation : Successful Return.  Response code : 301 interpretation : Moved Permanently/Redirect.  Response code : 400 interpretation : Bad Request(Required info not present).  Response code : 401 interpretation : Unauthorized.  Response code : 403 interpretation : Forbidden.  Response code : 404 interpretation : Not Found.  Response code : 405 interpretation : Request method not allowed.  Response code : 406 interpretation : Not Acceptable.  Response code : 408 interpretation : Request time out.  Response code : 500 interpretation : Internal Server Error. |
| Example of Response | Response Body: (on success)  {  Response :  {  Office ID : “39”  officeNameEng: ’ Upazila Land Office’  officeNameBng: ‘উপজেলা ভূমি অফিস’  Units:  [  {  Unit\_Name\_bng: ’Computer Cell’  Unit\_Name\_bng: ‘কম্পিউটার সেল’  From\_date: “1.2.2005”  To\_date: “2.1.2017”  Designations:  [  {  Designation\_name\_eng: “Director”  Designation\_name\_bng: “পরিচালক”  Designation\_level: “3”  Designation\_sequence: “1”  From\_date: “1.2.2005”  To\_date: “2.1.2017”  }, ( upto 0 to N number )  ]  }, ( upto 0 to N number )  ]  }  }  Response Body: (on failure) {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }  } |