**Service Name: GEO**

**Number Of API: 40**

**List Of API:**

1. All Division Of Bangladesh
2. Division information by it's attribute( Id,  Name in Bengla, Name in English)
3. All districts of Bangladesh
4. District Information by It's attribute(Id, Name in Bengla, Name in English)
5. All upazila of Bangladesh
6. Upazila Information by It's attribute(Id, Name in Bengla, Name in English)
7. All union of Bangladesh
8. Union Information by It's attribute(Id, Name in Bengla, Name in English)
9. All City Corporation of Bangladesh
10. City Corporation Information by It's attribute(Id, Name in Bengla, Name in English)
11. All City Corporation ward of Bangladesh
12. City Corporation ward Information by It's attribute(Id,  Name in Bengla, Name in English)
13. All municipalitiesof Bangladesh
14. Municipalities Information by It's attribute(Id, Name in Bengla, Name in English)
15. All municipalities ward of Bangladesh
16. Municipalities ward Information by It's attribute(Id,  Name in Bengla, Name in English)
17. All Thana of Bangladesh
18. Thana Information by It's attribute(Id, Name in Bengla, Name in English)
19. All Post Office of Bangladesh
20. Post Office Information by It's attribute(Id, Name in Bengla, Name in English)
21. All District By Division Id
22. All Upazilas By District ID
23. All Unions By Upazila ID
24. All City Corporation By Division ID
25. All City Corporation By District ID
26. All City Corporation ward By City Corporation ID
27. All Municipalitys By Upazila ID
28. All Municipalities Ward By Municipality
29. All Thana By District ID
30. All Post Office By District ID
31. All Post Office By Upazila ID
32. All Post Office By Thana ID
33. Division History Information
34. District History Information
35. Upazila History Information
36. Union History Information
37. City Corporation History Information
38. Municipality History Information
39. Post office History Information
40. Thana History Information

**OISF Core Service Definition**

**Service Name: Information of ‘All Divisions of Bangladesh’**

**Service Meta data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0201 |
| 2 | Service Name | Information of ‘All Divisions of Bangladesh’ |
| 3 | Description of Service | This service will provide the list of all divisions of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0201 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0201 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0201 |
| **Service Invoking Fields** | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Division Id 2. Division Name English 3. Division Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Division Id | Number | A unique identifier of a division. |
| Division Name English | Varchar | This field will hold the name of a Division in English. Only Character are allowed for a name. No number or special character are allowed for a division name. |
| Division Name Bangla | Varchar | This field will hold the name of a Division in Bangla. Only Character are allowed for a name. No number or special character are allowed for a division. |
| BBS code | Up to Four--digit number, such: 0010 .See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0201 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/divisions |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/divisions  Request Body:  {  divisions: {  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  Division Name English: “Rajshahi”  Division Name Bangla: “রাজশাহী”  BBS code: 02  } (Up to 0 to N number)  ]    }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Division Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0202 |
| 2 | Service Name | Division information by it's attribute |
| 3 | Description of Service | This service will provide the details information of the division that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Division Id 2. Division Name Bangla 3. Division Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Anything of the following 2. Division Id 3. Division Name English 4. Division Name Bangla 5. BBS code 6. Sender S/W Application Code 7. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0202 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0202 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0202 |
| Service Invoking Fields | |
| **Mandatory Fields**  1. Any of the following –  A)Division Id  B)Division Name English  C)Division Name Bangla  D) BBS code   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Division Name English 2. Division Name Bangla 3. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Division Id | Number | A unique identifier of a division. |
| Division Name English | Varchar | This field will hold the name of a Division in English. Only Character are allowed for a name .No number or special character are allowed for a division name. |
| Division Name Bangla | Varchar | This field will hold the name of a Division in Bangla. Only Character are allowed for a name .No number or special character are allowed for a division. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0202 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/match/division/1 |
| Example of request | Request Uri- http://www.doptor.gov.bd:8080/geo/match/division/1  Request Body:  {  divisionByAttribute:{  Division\_id: 1  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  {  "name\_bn": "রাজশাহী",  "id": 5,  "bbs\_code": "50",  "name\_en": "Rajshahi"  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Districts information of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0203 |
| 2 | Service Name | All Districts information of Bangladesh |
| 3 | Description of Service | This service will provide the list of all districts of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0203 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0203 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0203 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. District Id 2. District Name English 3. District Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| District Name English | Varchar | This field will hold the name of a district in English. Only Character are allowed for a name . No number or special character are allowed for a district name. |
| District Name Bangla | Varchar | This field will hold the name of a district in Bangla. Only Character are allowed for a name .No number or special character are allowed for a district . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0203 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/districts |
| Example of request | Request Uri- http://www.doptor.gov.bd:8080/geo/districts  Request Body:  {  districts:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :    [  {  "name\_bn": "বরগুনা",  "id": 1,  "bbs\_code": "04",  "name\_en": "BARGUNAA"  }, (Up to 0 to N number)  ]      }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘District Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0204 |
| 2 | Service Name | District information by it's attribute |
| 3 | Description of Service | This service will provide the details information of the district that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. District Id 2. District Name Bangla 3. District Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following   1. District Id 2. District Name English 3. District Name Bangla 4. BBS Code   2.Sender S/W Application Code  3.Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0204 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0204 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0204 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following   1. District Id 2. District Name English 3. District Name Bangla 4. BBS code   2.Sender S/W Application Code  3.Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. District Id 2. District Name English 3. District Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| District Name English | Varchar | This field will hold the name of a district in English. Only Character are allowed for a name .No number or special character are allowed for a district name. |
| District Name Bangla | Varchar | This field will hold the name of a district in Bangla. Only Character are allowed for a name .No number or special character are allowed for a district . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0204 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/match/district /BARGUNA |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geomatch//district/BARGUNA  Request Body:  {  District\_information\_by\_it's\_attribute\_info:{  "name\_en": "BARGUNAA",  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  {    "name\_bn": "বরগুনা",  "id": 1,  "bbs\_code": "04",  "name\_en": "BARGUNAA",    }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Upazilas information of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0205 |
| 2 | Service Name | All Upazilas information of Bangladesh |
| 3 | Description of Service | This service will provide the list of all upazilas of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0205 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0205 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0205 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Upazila Id 2. Upazila Name English 3. Upazila Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Upazila Id | Number | A unique identifier for a upazilla. |
| Upazila Name English | Varchar | This field will hold the name of a upazila in English. Only Character are allowed for a name .No number or special character are allowed for a upazila name. |
| Upazila Name Bangla | Varchar | This field will hold the name of a upazila in Bangla. Only Character are allowed for a name .No number or special character are allowed for a upazila. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0205 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/upazilas |
| Example of request | Request Uri- http://www.doptor.gov.bd:8080/geo/upazilas  Request Body:  {  upazilas:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :    [  {  "name\_bn": "আমতলী ",  "id": 1,  "bbs\_code": "09",  "name\_en": "AMTALI"  }, (Up to 0 to N number)  ]      }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Upazila Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0206 |
| 2 | Service Name | Upazila information by it's attribute |
| 3 | Description of Service | This service will provide the details information of the upazila that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Upazila Id 2. Upazila Name Bangla 3. Upazila Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following   1. Upazila Id 2. Upazila Name English 3. Upazila Name Bangla 4. BBS code   2.Sender S/W Application Code  3.Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0206 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0206 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0206 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following   1. Upazila Id 2. Upazila Name English 3. Upazila Name Bangla 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Upazila Id 2. Upazila Name English 3. Upazila Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Upazila Id | Number | A unique identifier for a upazila. |
| Upazila Name English | Varchar | This field will hold the name of a upazila in English. Only Character are allowed for a name .No number or special character are allowed for a upazila name. |
| Upazila Name Bangla | Varchar | This field will hold the name of a upazila in Bangla. Only Character are allowed for a name .No number or special character are allowed for a upazila . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0206 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/match/upazila /BAMNA |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/match/upazila/BAMNA  Request Body:  {  Upazila\_ information\_by\_it's\_attribute\_info:{  "name\_en": "BAMNA"  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  {  "name\_bn": "বামনা ",  "district\_bbs\_code": "",  "bbs\_code": "19",    "id": 2,    }}  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Unions of Bangladesh’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0207 |
| 2 | Service Name | All Unions of Bangladesh Info Provider |
| 3 | Description of Service | This service will provide the list of all unions of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0207 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0207 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0207 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Union Id 2. Union Name English 3. Union Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Union Id | Number | A unique identity of a union. |
| Union Name English | Varchar | This field will hold the name of a union in English. Only Character are allowed for a name .No number or special character are allowed for a union name. |
| Union Name Bangla | Varchar | This field will hold the name of a union in Bangla. Only Character are allowed for a name .No number or special character are allowed for a union . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0207 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/unions |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/unions  Request Body:  {  unions:{    Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "আদমদিঘি",  "id": 1,  "name\_en": "ADAM DIGHI"  },  (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Union Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0208 |
| 2 | Service Name | Union information by it's attribute |
| 3 | Description of Service | This service will provide the details information of the union that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Union Id 2. Union Name Bangla 3. Union Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following   1. Union Id 2. Union Name English 3. Union Name Bangla 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0208of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0208 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0208 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following  A)Union Id  B) Union Name English  C)Union Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Union id 2. Union Name English 3. Union Name Bangla 4. BBS code 5. District Name 6. Division Name 7. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Union Id | Number | A unique identity of a union. |
| Union Name English | Varchar | This field will hold the name of a union in English. Only Character are allowed for a name .No number or special character are allowed for a union name. |
| Union Name Bangla | Varchar | This field will hold the name of a union in Bangla. Only Character are allowed for a name .No number or special character are allowed for a union . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0208 |
| Invoking Uri | <http://www.doptor.gov.bd:8090/geo/match/union/ADAM> DIGHI |
| Example of request | Request Uri- <http://www.doptor.gov.bd:8090/geo/match/union/ADAM> DIGHI  Request Body:  {  Union\_information\_by\_it's\_attribute\_info:{  "name\_en": "ADAM DIGHI"  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "আদমদিঘি",  "bbs\_code": "13",  "id": 1,  "name\_en": "ADAM DIGHI",  }, (upto 1 to N number)  ]  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All City Corporation of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0209 |
| 2 | Service Name | All City Corporations of Bangladesh |
| 3 | Description of Service | This service will provide the list of all city corporations of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0209 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0209 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0209 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. City Corporation Id 2. City Corporation Name English 3. City Corporation Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Id | Number | A unique identifier for a city corporation. |
| City Corporation Name English | Varchar | This field will hold the name of a city corporation in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation name. |
| City Corporation Name Bangla | Varchar | This field will hold the name of a city corporation in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation. |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0209 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/city\_corporations |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/city\_corporations  Request Body:  {  All\_city\_corporations\_of\_Bangladesh\_info:{    Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "বরিশাল সিটি কর্পোরেশন",  "bbs\_code": "50",    "id": 1,  "name\_en": "BARISAL CITY CORP."  }(Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘City Corporation Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0210 |
| 2 | Service Name | City Corporation information by it's attribute |
| 3 | Description of Service | This service will provide the details information of the City Corporation that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. City Corporation Id 2. City Corporation Name Bangla 3. City Corporation Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following  A)City Corporation Id  B) City Corporation Name English  C)City Corporation Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0210 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0210 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0210 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following  A)City Corporation Id  B) City Corporation Name English  C)City Corporation Name Bangla  D)BBS code   1. Sender S/W Application Cod 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. City Corporation Id 2. City Corporation Name English 3. City Corporation Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Id | Number | A unique identifier for a city corporation. |
| City Corporation Name English | Varchar | This field will hold the name of a city corporation in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation name. |
| City Corporation Name Bangla | Varchar | This field will hold the name of a city corporation in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation. |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0210 |
| Invoking Uri | <http://www.doptor.gov.bd:8090/geo/match/cityCorporation/BARISAL> CITY CORP. |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/match/cityCorporation /BARISAL CITY CORP.  Request Body:  {  City\_corporation\_information\_by\_it's\_attribute\_info:{  Name\_en : “BARISAL CITY CORP.”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  {  "name\_bn": "বরিশাল সিটি কর্পোরেশন",  "bbs\_code": "50",    "id": 1,  "name\_en": "BARISAL CITY CORP."  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All City Corporation ward of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | 01.02.0001.0210 | 01.01.0001.0211 |
| 2 | Service Name | All City Corporations ward of Bangladesh |
| 3 | Description of Service | This service will provide the list of all city corporation wards of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0211 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0211 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0211 |
| Service Invoking Field | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Field | |
| 1. City Corporation Ward Id 2. City Corporation Ward Name English 3. City Corporation Ward Name Bangla 4. BBS Code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Ward Id | Number | A unique identifier for a city corporation ward. |
| City Corporation Ward Name English | Varchar | This field will hold the name of a city corporation ward in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward name. |
| City Corporation Ward Name Bangla | Varchar | This field will hold the name of a city corporation ward in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0211 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/cityCorporation/wards |
| Example of request | Request Uri- <http://www.doptor.gov.bd:8090/geo/cityCorporation/wards>  Request Body:  {  All\_city\_corporation\_wards\_of\_Bangladesh\_info:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:  }, (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘City Corporation Ward Information by It’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0212 |
| 2 | Service Name | City Corporation Ward information by it's attribute Info Provider |
| 3 | Description of Service | This service will provide the details information of the City Corporation Ward that requested. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. City Corporation Ward Id 2. City Corporation Ward Name Bangla 3. City Corporation Ward Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following  A)City Corporation Word Id  B) City Corporation Word Name English  C)City Corporation Word Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0212 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0212of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0212 |
| Service Invoking Field | |
| **Mandatory Fields**  1.Any of the following  A)City Corporation Word Id  B) City Corporation Word Name English  C)City Corporation Word Name Bangla  D)BBS code   1. Sender S/W Application Cod 2. Sender Application Token | **Optional Fields** |
| Service Response Field | |
| 1. City Corporation Ward Id 2. City Corporation Ward Name English 3. City Corporation Ward Name Bangla 4. BBS Code 5. Division Name 6. City Corporation Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Ward Id | Number | A unique identifier for a city corporation ward. |
| City Corporation Ward Name English | Varchar | This field will hold the name of a city corporation ward in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward name. |
| City Corporation Ward Name Bangla | Varchar | This field will hold the name of a city corporation ward in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0212 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/city\_corporation\_ward/details?id=2 |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/city\_corporation\_ward/details?id=2  Request Body:  {  City\_corporation\_ward\_information\_by\_it's\_attribute\_info:{  cityCorporationWardInformationById: 123  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:    }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All municipalities Information of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0213 |
| 2 | Service Name | All municipalities of Bangladesh |
| 3 | Description of Service | This service will provide the list of all municipalities of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0213 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0213 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0213 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Municipality Id 2. Municipality Name English 3. Municipality Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Municipality **Id** | **Number** | **A unique identifier which denote the municipality.** |
| Municipality Name English | Varchar | This field will hold the name of municipality in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Municipality Name Bangla | Varchar | This field will hold the name of municipality in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0213 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)unicipalities  Request Body:  {  All\_Municipalties\_of\_Bangladesh\_info:{    Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  municipality\_name\_eng:  municipality\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Municipality information By It’s Attributes’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0214 |
| 2 | Service Name | Municipalities information by it’s attribute |
| 3 | Description of Service | This service will provide municipalities information 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. Municipality Id 4. Municipality Name English 5. Municipality Name Bangla 6. BBS code |
| 7 | Mandatory Fields for service Invocation | 1.Any of the following  A)Municipality Id  B) Municipality Name English  C)Municipality Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0214 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0214 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0214 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Any of the following  A)Municipality Id  B) Municipality Name English  C)Municipality Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Municipality Id 2. Municipality Name English 3. Municipality Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Municipality **Id** | **Number** | **A unique identifier which denote the municipality.** |
| Municipality Name English | Varchar | This field will hold the name of municipality in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Municipality Name Bangla | Varchar | This field will hold the name of municipality in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0214 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis/5 |
| Example of request | Request Uri- <http://www.doptor.gov.bd:8090/geo/municipalities/>5  Request Body:  {  MunicipaltyByAttribute:{  upaZillaDistrictCode: 123  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {    Municipalty Name English: “Rajshahi”  Municipalty Name Bangla: “রাজশাহী”  BBS code: 02      }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All municipalities ward of Bangladesh’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0215 |
| 2 | Service Name | All municipalities of Bangladesh Info Provider |
| 3 | Description of Service | This service will provide the list of all municipalitie words of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0215 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0215 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0215 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Ward Id 2. Ward Name English 3. Ward Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ward Id | Number | A unique identifier which denotes the Ward . |
| Ward Name English | Varchar | This field will hold the name of ward in English. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward name. |
| Ward Name Bangla | Varchar | This field will hold the name of ward in Bangla. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward . |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0215 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis/ward |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)municipalitis/ward  Request Body:  {  municipalities:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Municipalities ward of Bangladesh by It’s attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0216 |
| 2 | Service Name | Municipalties ward of Bangladesh Info Provider |
| 3 | Description of Service | This service will provide municipalities ward with their corresponding 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. Ward Id 4. Ward Name English 5. Ward Name Bangla 6. BBS code |
| 7 | Mandatory Fields for service Invocation | 1.Any of the following  A)Ward Id  B) Ward Name English  C)Ward Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0216 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0216 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0216 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Any of the following  A)Ward Id  B) Ward Name English  C)Ward Name Bangla  D)BBS code   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Ward Id 2. Ward Name English 3. Ward Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ward Id | Number | A unique identifier which denotes the Ward . |
| Ward Name English | Varchar | This field will hold the name of ward in English. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward name. |
| Ward Name Bangla | Varchar | This field will hold the name of ward in Bangla. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward . |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0216 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis/ward/1 |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)unicipalities/ward/1  Request Body:  {  municipalitiesByAttribute:{  upaZillaDistrictCode: 54  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:    }    }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Thana Information of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0217 |
| 2 | Service Name | All Thana information of Bangladesh |
| 3 | Description of Service | This service will provide the list of all thanas of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0217 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0217 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0217 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Thana Id 2. Thana Name English 3. Thana Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Thana Id | Number | A unique identifier for a thana. |
| Thana Name English | Varchar | This field will hold the name of a thana in English. Only Character are allowed for a name .No number or special character are allowed for a thana name. |
| Thana Name Bangla | Varchar | This field will hold the name of a thana in Bangla. Only Character are allowed for a name .No number or special character are allowed for a thana . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0217 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/thanas/ |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)thanas/  Request Body:  {  thanas:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  thana\_name\_eng:  thana\_name\_bng:  bbs\_code:      } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Thana Information by it’s Attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0218 |
| 2 | Service Name | Thana Information by it’s Attribute |
| 3 | Description of Service | This service will provide information of thana from it’s attribute. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Thana Id 2. Thana Name Bangla 3. Thana Name English 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following   1. Thana Id 2. Thana Name English 3. Thana Name Bangla 4. BBS code   2.Sender S/W Application Code  3.Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0218 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0218 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0218 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following   1. Thana Id 2. Thana Name English 3. Thana Name Bangla 4. BBS code 5. Sender S/W Application Code 6. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. Thana Id 2. Thana Name English 3. Thana Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Thana Id | Number | A unique identifier for a Thana . |
| Thana Name English | Varchar | This field will hold the name of a Thana in English. Only Character are allowed for a name .No number or special character are allowed for a Thana name. |
| Thana Name Bangla | Varchar | This field will hold the name of a Thana in Bangla. Only Character are allowed for a name .No number or special character are allowed for a Thana . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0218 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/thanas |
| Example of request | Request Uri- ? sample ( http://www.doptor.gov.bd:8090/geo/thanas )  Request Body:  {  thanaInfromationByAttributes:{  thana\_name\_eng: ‘Adabar’  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  thana\_name\_eng:  thana\_name\_bng:  bbs\_code:    }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Post Office Information of Bangladesh’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0219 |
| 2 | Service Name | All Post Office of Bangladesh Info Provider |
| 3 | Description of Service | This service will provide the list of all post offices of Bangladesh with their corresponding BBS code. |
| 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 01.02.0001.0219 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0219 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0219 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Post Office Id 2. Post Office Name English 3. Post Office Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | A unique identifier for a Post office. |
| Post Office Name English | Varchar | This field will hold the name of post office in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Post Office Name Bangla | Varchar | This field will hold the name of post office in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0219 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/postoffices |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)postofficese  Request Body:  {  postOffices:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  postoffice\_name\_eng:  postoffice\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Post Office information by it’s attribute’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0220 |
| 2 | Service Name | Post Office Information by it’s attribute |
| 3 | Description of Service | This service will provide the information of a post office by 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. Post office Id 4. Post office Name English 5. Post office Name Bangla 6. BBS code |
| 7 | Mandatory Fields for service Invocation | 1.Anything of the following   1. Post office Id 2. Post office Name English 3. Post office Name Bangla 4. BBS code   2.Sender S/W Application Code  3.Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0220 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0220 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0220 |
| Service Invoking Fields | |
| **Mandatory Fields**  1.Anything of the following   1. Post office Id 2. Post office Name English 3. Post office Name Bangla 4. BBS code   2.Sender S/W Application Code  3.Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Post Office Id 2. Post Office Name English 3. Post Office Name Bangla 4. BBS code | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | A unique identifier for a Post office. |
| Post Office Name English | Varchar | This field will hold the name of post office in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Post Office Name Bangla | Varchar | This field will hold the name of post office in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0220 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)unicipalitiesWard  Request Body:  {  postOfficeInformationByAttribute:{  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  postoffice\_name\_eng:  postoffice\_name\_bng:  bbs\_code:      }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Districts By Division ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0221 |
| 2 | Service Name | All Districts by division id. |
| 3 | Description of Service | This service will provide the list of all districts of the requested division with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Division ID 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Division ID 2. Sender S/W Application Code 3. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0221 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0221 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0221 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Division ID 2. Sender S/W Application Code 3. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. District Id 2. District Name English 3. District Name Bangla 4. BBS code 5. Division Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| District Name English | Varchar | This field will hold the name of a district in English. Only Character are allowed for a name .No number or special character are allowed for a district name. |
| District Name Bangla | Varchar | This field will hold the name of a district in Bangla. Only Character are allowed for a name .No number or special character are allowed for a district . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Division Id | Number | A unique identifier of a division. |
| Division Name | Varchar | This field will hold the name of a Division in which the district is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0221 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/districts\_by\_division\_id |
| Example of request | Request Uri- http://www.doptor.gov.bd:8080/geo/districts\_by\_division\_id  Request Body:  {  districts:{  Division Id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :    [  {  "name\_bn": "বরগুনা",  "id": 1,  "bbs\_code": "04",  "name\_en": "BARGUNAA"  }, (Up to 1 to N number)  ]      }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Upazilas By District ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0222 |
| 2 | Service Name | All Upazilas by district id |
| 3 | Description of Service | This service will provide the list of all upazilas of the requested district with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. District Id 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. District Id 2. Sender S/W Application Code 3. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0222 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0222 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0222 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. District Id 2. Sender S/W Application Code 3. Sender Application Token | **Optional Fields** |
| Service Response Fields | |
| 1. Upazila Id 2. Upazila Name English 3. Upazila Name Bangla 4. BBS code 5. District Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Upazila Id | Number | A unique identifier for a upazilla. |
| Upazila Name English | Varchar | This field will hold the name of a upazila in English. Only Character are allowed for a name .No number or special character are allowed for a upazila name. |
| Upazila Name Bangla | Varchar | This field will hold the name of a upazila in Bangla. Only Character are allowed for a name .No number or special character are allowed for a upazila. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| District Id | Number | A unique identifier for a district. |
| District Name | Varchar | This field will hold the name of the district in which the upazila is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0222 |
| Invoking Uri | http://www.doptor.gov.bd:8080/geo/upazilas\_by\_district\_id |
| Example of request | Request Uri- http://www.doptor.gov.bd:8080/geo/upazilas\_by\_district\_id  Request Body:  {  upazilas:{  District Id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :    [  {  "name\_bn": "আমতলী ",  "id": 1,  "bbs\_code": "09",  "name\_en": "AMTALI"  }, (Up to 0 to N number)  ]      }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Unions By Upazila ID’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0223 |
| 2 | Service Name | All Unions by Upazila id |
| 3 | Description of Service | This service will provide the list of all unions of the requested upazila with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Upazila ID 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Upazila ID 2. Sender S/W Application Code 3. Sender Application Toke |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0223 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0223 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0223 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Upazila ID 2. Sender S/W Application Code 3. Sender Application Toke | **Optional Fields** |
| Service Response Fields | |
| 1. Union Id 2. Union Name English 3. Union Name Bangla 4. BBS code 5. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Union Id | Number | A unique identity of a union. |
| Union Name English | Varchar | This field will hold the name of a union in English. Only Character are allowed for a name .No number or special character are allowed for a union name. |
| Union Name Bangla | Varchar | This field will hold the name of a union in Bangla. Only Character are allowed for a name .No number or special character are allowed for a union . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Upazila Id | Number | A unique identifier for a upazila. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the union is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0223 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/unions |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/unions  Request Body:  {  unions:{  Upazila id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "আদমদিঘি",  "id": 1,  "name\_en": "ADAM DIGHI"  },  (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All City Corporation By Division ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0224 |
| 2 | Service Name | All City Corporations by division id |
| 3 | Description of Service | This service will provide the list of all city corporations of the requested division with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. Division ID 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. Division ID 2. Sender S/W Application Code 3. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0224 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0224 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0224 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Division ID 2. Sender S/W Application Code 3. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. City Corporation Id 2. City Corporation Name English 3. City Corporation Name Bangla 4. BBS code 5. Division Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Id | Number | A unique identifier for a city corporation. |
| City Corporation Name English | Varchar | This field will hold the name of a city corporation in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation name. |
| City Corporation Name Bangla | Varchar | This field will hold the name of a city corporation in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation. |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Division Id | Number | A unique identifier for a division. |
| Division Name | Varchar | This field will hold the name of the division in which the city corporation is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0224 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/city\_corporations\_by\_division\_id |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/city\_corporations\_by\_division\_id  Request Body:  {  All\_city\_corporations\_of\_Bangladesh\_info:{  Division id: “3”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "বরিশাল সিটি কর্পোরেশন",  "bbs\_code": "50",    "id": 1,  "name\_en": "BARISAL CITY CORP."  }(Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All City Corporation By District ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0225 |
| 2 | Service Name | All City Corporations by district id |
| 3 | Description of Service | This service will provide the list of all city corporations of the requested district with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. District ID 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. District ID 2. Sender S/W Application Code 3. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0225 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0225 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0225 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Dstrict ID 2. Sender S/W Application Code 3. Sender Application Token | **Optional Fields** |
| **Service Response Fields** | |
| 1. City Corporation Id 2. City Corporation Name English 3. City Corporation Name Bangla 4. BBS code 5. District Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Id | Number | A unique identifier for a city corporation. |
| City Corporation Name English | Varchar | This field will hold the name of a city corporation in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation name. |
| City Corporation Name Bangla | Varchar | This field will hold the name of a city corporation in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation. |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| District Id | Number | A unique identifier for a district. |
| District Name | Varchar | This field will hold the name of the district in which the city corporation is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0225 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/city\_corporations |
| Example of request | Request Uri- http://www.doptor.gov.bd:8090/geo/city\_corporations  Request Body:  {  All\_city\_corporations\_of\_Bangladesh\_info:{  District Id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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 :  [  {  "name\_bn": "বরিশাল সিটি কর্পোরেশন",  "bbs\_code": "50",    "id": 1,  "name\_en": "BARISAL CITY CORP."  }(Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All City Corporation ward By City Corporation ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | 01.02.0001.0210 | 01.01.0001.0226 |
| 2 | Service Name | All City Corporations ward by city corporation id |
| 3 | Description of Service | This service will provide the list of all city corporation wards of the requested city corporation with their corresponding BBS code. |
| 4 | Owner | OISF |
|  | Output type (Data/Redirect) | Data |
| 5 | Service Type ( Core/Shared) | Core |
| 6 | Service Invoking Parameter | 1. City Corporation Id 2. Sender S/W Application Code 3. Sender Application Token |
| 7 | Mandatory Fields for service Invocation | 1. City Corporation Id 2. Sender S/W Application Code 3. Sender Application Token |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0226 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0226 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0226 |
| Service Invoking Field | |
| **Mandatory Fields**   1. City Corporation Id 2. Sender S/W Application Code 3. Sender Application Token | **Optional Fields** |
| Service Response Field | |
| 1. City Corporation Ward Id 2. City Corporation Ward Name English 3. City Corporation Ward Name Bangla 4. BBS Code 5. City Corporation Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Ward Id | Number | A unique identifier for a city corporation ward. |
| City Corporation Ward Name English | Varchar | This field will hold the name of a city corporation ward in English. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward name. |
| City Corporation Ward Name Bangla | Varchar | This field will hold the name of a city corporation ward in Bangla. Only Character are allowed for a name .No number or special character are allowed for a city corporation ward . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| City Corporation Id | Number | A unique identifier for a city corporation. From this Id we can get all the related information of a city corporation. |
| City Corporation Name | Varchar | This field will hold the name of the city corporation in which the city corporation word is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0226 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/cityCorporation/wards\_by\_city\_corporation |
| Example of request | Request Uri- <http://www.doptor.gov.bd:8090/geo/cityCorporation/wards>\_by\_city\_corporation  Request Body:  {  All\_city\_corporation\_wards\_\_by\_city\_corporation\_info:{  City corporation id: “3”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789EDf  }    } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:  }, (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All municipalities By Upazila ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0227 |
| 2 | Service Name | All municipalities by upazia id |
| 3 | Description of Service | This service will provide the list of all municipalities of the requested upazila with their corresponding BBS code. |
| 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. Upazilla Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Upazilla Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0227 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0227 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0227 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Upazilla Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Municipality Id 2. Municipality Name English 3. Municipality Name Bangla 4. BBS code 5. Division Name 6. District Name 7. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Municipality **Id** | **Number** | **A unique identifier which denote the municipality.** |
| Municipality Name English | Varchar | This field will hold the name of municipality in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Municipality Name Bangla | Varchar | This field will hold the name of municipality in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field. |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Upazila Id | Number | A unique identifier for a upazila. From this Id we can get all the related information of a upazila. |
| Division Name | Varchar | This field will hold the name of the division in which the municipalityis located. |
| District Name | Varchar | This field will hold the name of the district in which the municipalityis located. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the municipalityis located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0227 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis\_by\_upazila |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)unicipalities\_by\_upazila  Request Body:  {  All\_Municipalties\_by\_upazila\_info:{  Upazila id: “3”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  municipality\_name\_eng:  municipality\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All municipalities ward By Municipality’ Info Provider**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0228 |
| 2 | Service Name | All municipalities ward by municipality id |
| 3 | Description of Service | This service will provide the list of all municipalitie words of the requested municipality with their corresponding BBS code. |
| 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. Municipality Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Municipality Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0228 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0228 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0228 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Municipality Id | **Optional Fields** |
| Service Response Fields | |
| 1. Ward Id 2. Ward Name English 3. Ward Name Bangla 4. BBS code 5. Division Name 6. District Name 7. Upazila Name 8. Municipality Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Ward Id | Number | A unique identifier which denotes the Ward . |
| Ward Name English | Varchar | This field will hold the name of ward in English. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward name. |
| Ward Name Bangla | Varchar | This field will hold the name of ward in Bangla. Only Character are allowed for a name. No number or special character are allowed for a municipalities ward . |
| BBS code | Up to Four--digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Municipality Id | Number | A unique identifier for a municipality. From this Id we can get all the related information of a thana. |
| Division Name | Varchar | This field will hold the name of the division in which the municipality word is located. |
| District Name | Varchar | This field will hold the name of the district in which the municipalityword is located. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the municipality word is located. |
| Municipality Name | Varchar | This field will hold the name of the municipality in which the municipality word is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0228 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/municipaliteis/ward\_by\_municipallity\_id |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)municipalitis/ward\_by\_municipallity\_id  Request Body:  {  Municipalities\_word\_by\_municipallity\_id:{  Municipality id: ‘1’  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  ward\_name\_eng:  ward\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Thana By District Id’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0229 |
| 2 | Service Name | All Thana by district id |
| 3 | Description of Service | This service will provide the list of all thanas of the requested district with their corresponding BBS code. |
| 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. District Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. District Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0229 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0229 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0229 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. District Id | **Optional Fields** |
| **Service Response Fields** | |
| 1. Thana Id 2. Thana Name English 3. Thana Name Bangla 4. BBS code 5. District Name 6. Division Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Thana Id | Number | A unique identifier for a thana. |
| Thana Name English | Varchar | This field will hold the name of a thana in English. Only Character are allowed for a name .No number or special character are allowed for a thana name. |
| Thana Name Bangla | Varchar | This field will hold the name of a thana in Bangla. Only Character are allowed for a name .No number or special character are allowed for a thana . |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Division Name | Varchar | This field will hold the name of the division in which the thana is located. |
| District Id | Number | A unique identifier for a district. |
| District Name | Varchar | This field will hold the name of the district in which the thana is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0229 |
| Invoking Uri | http://www.doptor.gov.bd:8090/geo/thanas\_by\_district\_id |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)thanas\_by\_district\_id  Request Body:  {  thanas\_by\_district\_id:{  District id: “1”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  thana\_name\_eng:  thana\_name\_bng:  bbs\_code:      } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Post Office By District ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0230 |
| 2 | Service Name | All Post Office by district id |
| 3 | Description of Service | This service will provide the list of all post offices of the requested district with their corresponding BBS code. |
| 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. District Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. District Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0230 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0230of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0230 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. District Id | **Optional Fields** |
| Service Response Fields | |
| 1. Post Office Id 2. Post Office Name English 3. Post Office Name Bangla 4. BBS code 5. Division Name 6. District Name 7. Thana Name 8. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | A unique identifier for a Post office. |
| Post Office Name English | Varchar | This field will hold the name of post office in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Post Office Name Bangla | Varchar | This field will hold the name of post office in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| District Id | Number | A unique identifier for a district. From this Id we can get all the related information of a district. |
| Division Name | Varchar | This field will hold the name of the division in which the post office is located. |
| District Name | Varchar | This field will hold the name of the district in which the post office is located. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the post office is located. |
| Thana Name | Varchar | This field will hold the name of the thana in which the post office is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0230 |
| Invoking Uri | <http://www.doptor.gov.bd:8090/geo/postoffices_by_>district\_id |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)postoffices\_by\_district\_id  Request Body:  {  postOffices\_by\_district\_id :{  District id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  postoffice\_name\_eng:  postoffice\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Post Office By Upazila ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0231 |
| 2 | Service Name | All Post Office by upazila id |
| 3 | Description of Service | This service will provide the list of all post offices of the requested upazila with their corresponding BBS code. |
| 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. Upazila Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Upazila Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0231 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0231of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0231 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Upazila Id | **Optional Fields** |
| Service Response Fields | |
| 1. Post Office Id 2. Post Office Name English 3. Post Office Name Bangla 4. BBS code 5. Division Name 6. District Name 7. Thana Name 8. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | A unique identifier for a Post office. |
| Post Office Name English | Varchar | This field will hold the name of post office in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Post Office Name Bangla | Varchar | This field will hold the name of post office in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Upazila Id | Number | A unique identifier for a upazila. From this Id we can get all the related information of a upazila. |
| Division Name | Varchar | This field will hold the name of the division in which the post office is located. |
| District Name | Varchar | This field will hold the name of the district in which the post office is located. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the post office is located. |
| Thana Name | Varchar | This field will hold the name of the thana in which the post office is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0231 |
| Invoking Uri | <http://www.doptor.gov.bd:8090/geo/postoffices_by_>upazila\_id |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)postoffices\_by\_upazila\_id  Request Body:  {  postOffices\_by\_upazila\_id :{  Upazila id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  postoffice\_name\_eng:  postoffice\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘All Post Office By Thana ID’**

**Service Metadata Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0232 |
| 2 | Service Name | All Post Office by thana id |
| 3 | Description of Service | This service will provide the list of all post offices of the requested thana with their corresponding BBS code. |
| 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. Thana Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Thana Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0232 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0232 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0232 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Thana Id | **Optional Fields** |
| Service Response Fields | |
| 1. Post Office Id 2. Post Office Name English 3. Post Office Name Bangla 4. BBS code 5. Division Name 6. District Name 7. Thana Name 8. Upazila Name | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | A unique identifier for a Post office. |
| Post Office Name English | Varchar | This field will hold the name of post office in English. Only Character are allowed for a name .No number or special character are allowed for the field. |
| Post Office Name Bangla | Varchar | This field will hold the name of post office in Bangla. Only Character are allowed for a name .No number or special character are allowed for the field |
| BBS code | Up to Four- digit number, such: 0010 . See Appendix for details | A unique identifier for an individual location unit, as allocated by Bangladesh Bureau of Statistics (BBS). |
| Thana Id | Number | A unique identifier for a thana. From this Id we can get all the related information of a thana. |
| Division Name | Varchar | This field will hold the name of the division in which the post office is located. |
| District Name | Varchar | This field will hold the name of the district in which the post office is located. |
| Upazila Name | Varchar | This field will hold the name of the upazila in which the post office is located. |
| Thana Name | Varchar | This field will hold the name of the thana in which the post office is located. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0232 |
| Invoking Uri | <http://www.doptor.gov.bd:8090/geo/postoffices_by_>thana\_id |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/m](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)postoffices\_by\_thana\_id  Request Body:  {  postOffices\_by\_district\_id :{  Thana id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:  postoffice\_name\_eng:  postoffice\_name\_bng:  bbs\_code:    } (Up to 0 to N number)    ]  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Division History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0233 |
| 2 | Service Name | Division History Information |
| 3 | Description of Service | This service will provide the current, child, historical condition of a division. |
| 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. Division Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Division Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0233 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0233 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0233 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Division Id | **Optional Fields** |
| Service Response Fields | |
| 1. Division Id 2. Assigned District Name 3. Assigned District Id | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Division Id | Number | A unique identifier for a division. |
| Assigned District Name | Varchar | The Name field explain the name of the response field. |
| Assigned District Id | Number | Unique Identifier for the response field. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0233 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/postoffices_by_)division\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)division\_history  Request Body:  {  Division\_history :{  Division\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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:[  {  Assigned\_district\_Name: Padma  Assigned\_district\_Id: 3  Type: 2  } ( from 0 upto N)  ]  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘District History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0234 |
| 2 | Service Name | District History Information |
| 3 | Description of Service | This service will provide historical condition of a division. |
| 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. District Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. District Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0234 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0234 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0234 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. District Id | **Optional Fields** |
| Service Response Fields | |
| 1. District Name in English 2. Id 3. Type 4. Division Name in English 5. Division Name in Bangla 6. Division Id 7. From Date 8. To Date 9. Sender S/W Application Code 10. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| District Name in English | Varchar | The Name field explain the name of the district. |
| District Name in Bangla | Varchar | The name field explain the name of the district in bangla. |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0234 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/postoffices_by_)district\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)district\_history  Request Body:  {  district\_history :{  district\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5    }    Child[  {  Name: Nalda  Id: 3  Type: upazia  } ,  {  Name: Somala  Id: 3  Type: municipality  } ( from 0 upto N)  ]  Historical\_condition[  {  Division\_name: Chittagaong  Division\_id: 2  From\_date:1/2/12  To\_date:1/5/15    }( from 0 upto N)  ]  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |
|  |  |

**Service Name: ‘Upazila History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0235 |
| 2 | Service Name | Upazila History Information |
| 3 | Description of Service | This service will provide historical condition of a upazila. |
| 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. Upazila Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Upazila Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0235 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0235 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0235 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Upazila Id | **Optional Fields** |
| Service Response Fields | |
| 1. Upazila Name in English 2. Upazila Name in Bangla 3. Upazila Id 4. District Name in English 5. District Name in Bangla 6. Division Name in English 7. Division Name in Bangla 8. Division Id 9. From Date 10. To Date 11. Sender S/W Application Code 12. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| Upazila Id | Number | Unique identifier for upazila. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0235 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/postoffices_by_)upazila\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)upazila\_history  Request Body:  {  upazila\_history :{  upazila\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barishal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patuakhali  District\_name\_bn: বরিশাল  District\_id:5  }    Child[  {  Union\_Name\_eng: Chuni  Union\_name\_bn: চুনি  Union\_id:2  Municipality\_name\_eng: panna  Municipality\_name\_bn: পান্না  Municipality\_id:8    } ( from 0 upto N)  ]  Historical\_condition[  {  Division\_name\_eng: Barishal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: patuakhali  District\_name\_bn: পটুয়াখালী  District\_id:7  From\_date:1/2/12  To\_date:15    }( from 0 upto N)  ]  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |
|  |  |

**Service Name: ‘Union History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0236 |
| 2 | Service Name | Union History Information |
| 3 | Description of Service | This service will provide historical condition of a union. |
| 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. Union Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Union d |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0236 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0236 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0236 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Upazila Id | **Optional Fields** |
| Service Response Fields | |
| 1. Upazila Name in English 2. Upazila Name in Bangla 3. Upazila Id 4. District Name in English 5. District Name in Bangla 6. Division Name in English 7. Division Name in Bangla 8. Division Id 9. From Date 10. To Date 11. Sender S/W Application Code 12. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| District Id | Number | A unique identifier for a district. |
| Upazila Id | Number | Unique identifier for upazila. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0236 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/postoffices_by_)union\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)union\_history  Request Body:  {  union\_history :{  union\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  }  Historical\_condition[  {  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  From\_date: 1/12/11  To\_date: 5/ 3/16    }( from 0 upto N)  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘City Corporation History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0237 |
| 2 | Service Name | City Corporation History Information |
| 3 | Description of Service | This service will provide historical condition of a city corporation. |
| 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. City Corporation Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. City Corporation Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0237of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0237 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0237 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. City Corporation Id | **Optional Fields** |
| Service Response Fields | |
| 1. City Corporation Id 2. Upazila Name in English 3. Upazila Name in Bangla 4. Upazila Id 5. District Name in English 6. District Name in Bangla 7. Division Name in English 8. Division Name in Bangla 9. Division Id 10. From Date 11. To Date 12. Sender S/W Application Code 13. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| City Corporation Id | Number | Unique identifier for a city corporation. |
| District Id | Number | A unique identifier for a district. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0237 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/c](http://www.doptor.gov.bd:8090/geo/postoffices_by_)ity\_corporation\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)city\_corporation\_history  Request Body:  {  city\_corporation\_history :{  city\_corporation\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  }  Historical\_condition[  {  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  From\_date: 1/12/11  To\_date: 5/ 3/16    }( from 0 upto N)  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Municipality History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0238 |
| 2 | Service Name | Municipality History Information |
| 3 | Description of Service | This service will provide historical condition of a municipality. |
| 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. City Corporation Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. City Corporation Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0238of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0238 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0238 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Municipality Id | **Optional Fields** |
| Service Response Fields | |
| 1. Municipality Id 2. Upazila Name in English 3. Upazila Name in Bangla 4. Upazila Id 5. District Name in English 6. District Name in Bangla 7. Division Name in English 8. Division Name in Bangla 9. Division Id 10. From Date 11. To Date 12. Sender S/W Application Code 13. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Municipality Id | Number | Unique identifier for a municipality.. |
| District Id | Number | A unique identifier for a district. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0238 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/postoffices_by_)municipality |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)municipality  Request Body:  {  municipality\_history :{  municipality\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  }  Historical\_condition[  {  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  From\_date: 1/12/11  To\_date: 5/ 3/16    }( from 0 upto N)  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Post Office History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0239 |
| 2 | Service Name | Post Office History Information |
| 3 | Description of Service | This service will provide historical condition of a post 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. Post Office Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Post Office Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0239of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0239 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0239 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Post Office Id | **Optional Fields** |
| Service Response Fields | |
| 1. Upazila Name in English 2. Upazila Name in Bangla 3. Upazila Id 4. District Name in English 5. District Name in Bangla 6. Division Name in English 7. Division Name in Bangla 8. Division Id 9. From Date 10. To Date 11. Sender S/W Application Code 12. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Post Office Id | Number | Unique identifier for a post office. |
| District Id | Number | A unique identifier for a district. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| Upazila Id | Number | Unique identifier for a upzilla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0239 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/p](http://www.doptor.gov.bd:8090/geo/postoffices_by_)ost\_office\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/p](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)ost\_office\_history  Request Body:  {  post\_office\_history :{  post\_office\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  }  Historical\_condition[  {  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  From\_date: 1/12/11  To\_date: 5/ 3/16    }( from 0 upto N)  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |

**Service Name: ‘Thana History Information’**

**Service Meta-data Definition**

|  |  |  |
| --- | --- | --- |
| **Serial No** | **Service Information** | **Description** |
| 1 | Reference Number | 01.01.0001.0240 |
| 2 | Service Name | Thana History Information |
| 3 | Description of Service | This service will provide historical condition of a thana. |
| 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. Thana Id |
| 7 | Mandatory Fields for service Invocation | 1. Sender S/W Application Code 2. Sender Application Token 3. Thana Id |
| 8 | Data Reference Model (DRM) | See 01.02.0001.0240 of Data Standard |
| 9 | Application Integration Reference Model (AIRM) | See 01.03.0001.0240 of Integration Standard |

**Data Standard**

|  |  |
| --- | --- |
| **Reference No** | 01.02.0001.0240 |
| Service Invoking Fields | |
| **Mandatory Fields**   1. Sender S/W Application Code 2. Sender Application Token 3. Thana Id | **Optional Fields** |
| Service Response Fields | |
| 1. City Corporation Id 2. Upazila Name in English 3. Upazila Name in Bangla 4. Upazila Id 5. District Name in English 6. District Name in Bangla 7. Division Name in English 8. Division Name in Bangla 9. Division Id 10. From Date 11. To Date 12. Sender S/W Application Code 13. Sender Application Token | |

**Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Field Type** | **Detail description** |
| Thana Id | Number | Unique identifier for a thana. |
| District Id | Number | A unique identifier for a district. |
| Upazila Name in English | Varchar | The name of the upazila in english. |
| Upazila Name in Bangla | Varchar | The name of the upazila in bangla. |
| District Name in English | Varchar | The Name field explain the name of the district in english. |
| District Name in Bangla | Varchar | The Name field explain the name of the District in bangla |
| Type | Varchar | The type of the response field. |
| Division Name in English | Varchar | The name of the division in english according to the district. |
| Division Name in Bangla | Varchar | The name of the division in bangla according to the district. |
| Division Id | Number | Unique identifier for a division |
| From Date | Date | Assigned division starting date. |
| To Date | Date | Assigned division ending date. |
| Sender S/W Application Code | Number | Unique Code of sender application. |
| Sender Application Token | Varchar | General Authentication token of sender app. |

**Integration Standard**

|  |  |
| --- | --- |
| Reference No | 01.03.0001.0240 |
| Invoking Uri | [http://www.doptor.gov.bd:8090/geo/t](http://www.doptor.gov.bd:8090/geo/postoffices_by_)hana\_hisotory |
| Example of request | Request Uri- [http://www.doptor.gov.bd:8090/geo/t](http://www.doptor.gov.bd:8090/geo/city_corporation_wards)hana\_history  Request Body:  {  city\_corporation\_history :{  thana\_id: “2”  Sender\_App\_Id:22  Sender\_App\_token:!@#4fgthr56789  }  } |
| 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 :  {  Current{  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  }  Historical\_condition[  {  Division\_name\_eng: Barisal  Division\_name\_bn: বরিশাল  Division\_id: 5  District\_name\_eng: Patukhali  District\_name\_bn: পাটুয়াখালি  District\_id:3  upazila\_name\_eng: Chuni  upazila\_name\_bn: চুনি  upazila\_id: 6  From\_date: 1/12/11  To\_date: 5/ 3/16    }( from 0 upto N)  }  }  Response Body: (on failure)  {  Response{  Reason: “Token Mismatch”  Source IP: “172.16.1.2”  }    }  } |