

1. Domain Availability API

Endpoint: POST https://141.lyre.us/rsdom/domain_availability.do

Auth: Basic Auth

Request Example

```
{  
  "domain": "example.bd"  
}
```

Response (Success Example)

```
{  
  "status": "success",  
  "response_code": 2000,  
  "message": "Domain is available",  
  "domain": "example.bd"  
}
```

Response (Error Example)

```
{  
  "status": "error",  
  "response_code": 2001,  
  "message": "Domain already registered",  
  "domain": "example.bd"  
}
```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain name



2. Domain Reserve API

Endpoint: POST <https://141.lyre.us/rsdom/reserve.do>

Auth: Basic Auth

Important Note: The Domain will be reserved for you for 20 min. You need to finish the registration process within this time.

Request Example

```
{  
  "domain": "example.bd"  
}
```

Response (Success Example)

```
{  
  "domain": "masud50.org.bd",  
  "status": "success",  
  "responseCode": 2000,  
  "message": "Domain successfully reserved for you"  
}
```

Response (Error Example)

```
{  
  "domain": "example.bd",  
  "status": "error",  
  "responseCode": 4030,  
  "message": "Reseller not allowed for this domain category"  
}
```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain name

3. Domain Registration API

Endpoint: POST https://141.lyre.us/rsdom/domain_buy.do

Auth: Basic Auth

Request Example

```
{
  "domain": "masud7.edu.bd",
  "year": 2,
  "nameServers": [
    "ns1.btcl.com.bd",
    "ns2.btcl.com.bd",
    "ns3.btcl.com.bd"
  ],
  "fullName": "Masudur Rahman",
  "nid": "1234567890123",
  "email": "john.doe@example.com",
  "contactAddress": "123 Main Street, Dhaka, Bangladesh",
  "contactNumber": "+8801234567890"
}
```

Response (Success Example)

```
{
  "domain": "masud7.edu.bd",
  "currentBalanace": 483670.0,
  "billAmt": 1610.0,
  "transactionId": "RC20250929092116792",
  "status": "success",
  "responseCode": 2000,
```

```

    "message": "Domain registered successfully"
}

```

Response (Error Example)

```
{
    "domain": "example.bd",
    "currentBalance": 0.0,
    "billAmt": 0.0,
    "responseCode": 4030,
    "message": "Reseller not allowed for this domain category"
}
```

API-Specific Fields

Field Name	Type	Description / Constraint (All are Mandatory)
domain	string	Domain name
years	number	years to register (min: 2, max: 10)
nameServers	string	Valid name servers (min: 2, max: 3)
fullName	string	Full name of the registrant- As per NID
nid	string	National ID of end user- 10 or 13 or 17 digit
email	string	Email address- End user valid email
contactAddress	string	Contact address- End user

contactNumber	string	Contact phone number- +880 prefix, 14 length, no space
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4. Domain Update API

Endpoint: POST https://141.lyre.us/rsdom/domain_update_ns.do

Auth: Basic Auth

Request Example

```
{  
  "domain": "masud18.com.bd",  
  "nameServers": [  
    "ns1.masud2.com",  
    "ns2.masud2.com"  
  ]  
}
```

Response (Success Example)

```
{  
  "domain": "NS Record updated",  
  "status": "success",  
  "responseCode": 2000  
}
```

Response (Error Example)

```
{  
  "status": "error",  
  "response_code": 4008,  
  "message": "duplicate nameserver: ns1.masud2.com"  
}
```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain name
nameServers	string	Valid name servers (min: 2, max: 3)



5. Account Balance API

Endpoint: POST <https://141.lyre.us/rsdom/balance.do>

Auth: Basic Auth

Request Example

Response (Success Example)

```
{  
    "balance": 485280.0,  
    "responseCode": 2000  
}
```

API-Specific Fields

6. Transaction Detail API

Endpoint: POST https://141.lyre.us/rsdom/billing_transactions.do

Auth: Basic Auth

Request Example

```
{  
    "fromDate": "2025-06-01",  
    "toDate": "2025-09-29"  
}
```

Response (Success Example)

```
{  
    "opening_balance": 0.0,  
    "transactions": [  
        {  
            "transaction_id": "",  
            "type": "credit",  
            "amount": 500000.0,  
            "balance_after": 500000.0,  
            "timestamp": "23/09/2025 10:22:55",  
            "description": ""  
        },  
  
        {  
            "transaction_id": "RC20250929011412194",  
            "type": "debit",  
            "amount": 1610.0,  
            "balance_after": 498390.0,  
            "timestamp": "29/09/2025 01:14:12",  
            "description": "masud6.edu.bd-registration-Year 2"  
        }  
    ]  
}
```

```
],
"responseCode": 2000
}
```

API-Specific Fields

Field Name	Type	Description / Constraint
fromDate	string	yyyy-mm-dd
toDate	string	yyyy-mm-dd

7. Domain Detail API

Endpoint: POST https://141.lyre.us/rsdom/domain_info.do

Auth: Basic Auth

Request Example

```
{
  "domain": "example.com.bd"
}
```

Response (Success Example)

```
{
  "domain": "example.com.bd",
  "activationDate": "25/11/2025",
  "expiryDate": "25/11/2028",
  "primaryDns": "ns1.btclparked.com.bd",
```

```

    "secondaryDns": "ns2.btclparked.com.bd",
    "tertiaryDns": "ns3.btcl.com.bd",
    "clientFullName": "Masudur Rahman",
    "clientNid": "1234567890123",
    "clientEmail": "john.doe@example.com",
    "clientContactAddress": "123 Main Street, Dhaka, Bangladesh",
    "clientContactNumber": "+8801234567890",
    "status": "success",
    "responseCode": 2000
}

```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain Name

8. Domain Renew API

Endpoint: POST https://141.lyre.us/rsdom/domain_renew.do

Auth: Basic Auth

Request Example

```
{
  "domain": "example.com.bd",
  "year":2
}
```

Response (Success Example)

```
{
  "domain": "meesam.com.bd",
```

```

    "currentBalance": 92500.0,
    "billAmt": 3200.0,
    "transactionId": "RC20251125143234446",
    "status": "success",
    "responseCode": 2000,
    "message": "Domain successfully renewed"
}

```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain Name
year	number	Number between 1-10

9. Domain Rate API

Endpoint: POST https://141.lyre.us/rsdom/domain_rates.do

Auth: Basic Auth

Request Example

```
{
  "domain": "example.com.bd",
  "year":1
}
```

Response (Success Example)

```
{
```

```

    "domain": "example.com.bd",
    "year": 1,
    "regRate": 1100.0,
    "renewRate": 1600.0,
    "status": "success",
    "responseCode": 2000,
    "message": "Rate found"
}

```

API-Specific Fields

Field Name	Type	Description / Constraint
domain	string	Domain Name
year	number	Number between 1-10

Global Response Codes

Updated Global Response Codes

Code	Status	Message
2000	success	Operation successful
2001	error	Domain already registered

2004	error	Domain already reserved by you
2005	error	Domain reserved by others
4000	error	Domain contains forbidden keyword
4001	error	Domain contains reserved word
4002	error	Invalid domain format
4003	error	Domain length invalid
4004	error	Domain not found
4005	error	Domain already expired – restore required
4006	error	Invalid registration/renewal years
4007	error	Domain contains uncensored word
4008	error	Invalid NS record
4009	error	Unauthorized domain access
4010	error	Doamin is parked, can not update NS record
4011	error	Domain not active
4012	error	Invalid JSON
4013	error	Domain Not allowed to renew
4014	error	Rate Not found
4015	error	Invalid API key/secret (authentication fail)
4016	error	Account inactive
4020	error	Insufficient credit
4030	error	Reseller not allowed for this domain/category
5000	error	Internal server error