**区块链服务平台接口文档**

#### **区块链管理接口**

##### **1）查询链基本信息**

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| **查询链基本信息** | | | | |
| 接口描述 | 查询链基本信息 | | | |
| URL | /chain-manager/deploy/chain/info | | | |
| 请求方式 | GET | | | |
| 请求类型 |  | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.chainId | integer(int32) | query | Y | chainId |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | chainId=0 | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |

##### **2）退出联盟链**

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| **退出联盟链** | | | | |
| 接口描述 | 退出联盟链 | | | |
| URL | /chain-manager/deploy/chain/quit | | | |
| 请求方式 | POST | | | |
| 请求类型 | application/json | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.reqQuitChain | body:ReqQuitChain | body | Y | reqQuitChain |
| 1.1.chainName | string |  | N |  |
| 1.2.chainNameCn | string |  | N |  |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 201 | Created | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | -d 'null' | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |

##### **3）重启链或账本**

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| **重启链或账本** | | | | |
| 接口描述 | 重启链或账本 | | | |
| URL | /chain-manager/deploy/chain/restart | | | |
| 请求方式 | GET | | | |
| 请求类型 |  | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.chainName | string | query | Y | chainName |
| 2.ledgerId | integer(int32) | query | Y | ledgerId |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | chainName=string&ledgerId=0 | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |

##### **4）启动链**

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| **启动链** | | | | |
| 接口描述 | 启动链 | | | |
| URL | /chain-manager/deploy/chain/start | | | |
| 请求方式 | GET | | | |
| 请求类型 |  | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.chainId | integer(int32) | query | Y | chainId |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | chainId=0 | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |

##### **5）停止链**

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| **停止链** | | | | |
| 接口描述 | 停止链 | | | |
| URL | /chain-manager/deploy/chain/stop | | | |
| 请求方式 | GET | | | |
| 请求类型 |  | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.chainId | integer(int32) | query | Y | chainId |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | chainId=0 | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |

##### **6）检查端口**

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| **检查端口** | | | | |
| 接口描述 | 检查端口 | | | |
| URL | /chain-manager/deploy/checkPort | | | |
| 请求方式 | POST | | | |
| 请求类型 | application/json | | | |
| 返回类型 | \*/\* | | | |
| **参数名** | **数据类型** | **参数类型** | **是否必填** | **说明** |
| 1.checkPort | body:ReqConfigChain | body | Y | checkPort |
| 1.1.agencyName | string |  | N |  |
| 1.2.bspSignAddr | string |  | N |  |
| 1.3.chainDesc | string |  | N |  |
| 1.4.chainName | string |  | N |  |
| 1.5.chainNameCn | string |  | N |  |
| 1.6.chainVersion | string |  | N |  |
| 1.7.consensusProtocol | integer(int32) |  | N |  |
| 1.8.cpuNum | integer(int32) |  | N |  |
| 1.9.deployNodeInfoList | array:DeployNodeInfo |  | N |  |
| 1.9.1.channelPort | integer(int32) |  | N |  |
| 1.9.2.checkStatus | integer(int32) |  | N |  |
| 1.9.3.dockerVmPort | integer(int32) |  | N |  |
| 1.9.4.errorReason | string |  | N |  |
| 1.9.5.frontPort | integer(int32) |  | N |  |
| 1.9.6.hostId | integer(int32) |  | N |  |
| 1.9.7.ip | string |  | N |  |
| 1.9.8.p2pPort | integer(int32) |  | N |  |
| 1.9.9.rpcPort | integer(int32) |  | N |  |
| 1.9.10.usedPortList | array |  | N |  |
| 1.10.encryptType | integer(int32) |  | N |  |
| 1.11.imageTag | string |  | N |  |
| 1.12.ipconf | array |  | N |  |
| 1.13.ledgerNameCn | string |  | N |  |
| 1.14.memorySize | integer(int32) |  | N |  |
| **状态码** | **描述** | | **说明** | |
| 200 | OK | |  | |
| 201 | Created | |  | |
| 401 | Unauthorized | |  | |
| 403 | Forbidden | |  | |
| 404 | Not Found | |  | |
| **返回属性名** | **类型** | | **说明** | |
| 1.attachment | string | |  | |
| 2.code | integer(int32) | |  | |
| 3.data | object | |  | |
| 4.msg | string | |  | |
| 5.success | boolean | |  | |
| **示例** | | | | |
| **请求参数** | -d 'null' | | | |
| **返回值** | {"msg":"string","code":0,"attachment":"string","data":{},"success":true} | | | |