Description

创建一个web容器。

URL

http://{host:port}/slider/v1/containers/create

URL Parameters

 无

Body Parameters

| **Name** | **Description** | **Required** |
| --- | --- | --- |
| appName | 应用名称（全局唯一） | Yes |
| appType | 应用类型 | Yes |
| bdocQueueName | 应用的所在的yarn队列（bdoc queue，短的） | Yes |
| accessId | bdoc用户认证的accessId | Yes |
| accessKey | bdoc用户认证的accessKey | Yes |
| proxyUser | bdoc用户认证的代理用户 | Yes |
| appConfig | 应用的app config中的配置 | Yes |
| yarnConfig | 应用启动的yarn container的配置参数 | Yes |
| components | App启动的组件及数目 | Yes |

Result

如果成功，返回200状态码。

Examples

**Request Example**

|  |
| --- |
| {  "appName": "demo-hbase",  "appType": "hbase1.3.0",  "bdocQueueName":"queue1",  "accessId": "accessId1",  "accessKey": "accessKey1",  "appConfig":{  "create.default.zookeeper.node":"true",  "java\_home":"/usr/jdk64/jdk1.7.0\_67",  "system\_configs":"core-site",  "site.global.app\_user":"root",  "site.global.app\_version":"1.0.0-bc1.3.0",  "site.global.app\_root":"${AGENT\_WORK\_ROOT}/app/install/hbase-1.0.0-bc1.3.0",  "site.global.metric\_collector\_host":"${NN\_HOST}",  "site.global.metric\_collector\_port":"6188",  "site.global.metric\_collector\_lib":"",  "site.global.hbase\_instance\_name":"instancename",  "site.global.hbase\_root\_password":"secret",  "site.global.user\_group":"hadoop",  "site.global.monitor\_protocol":"http",  "site.global.hbase\_thrift\_port":"${HBASE\_THRIFT.ALLOCATED\_PORT}",  "site.global.hbase\_thrift2\_port":"${HBASE\_THRIFT2.ALLOCATED\_PORT}",  "site.global.hbase\_rest\_port":"${HBASE\_REST.ALLOCATED\_PORT}",  "site.hbase-env.hbase\_master\_heapsize":"1024m",  "site.hbase-env.hbase\_regionserver\_heapsize":"1024m",  "site.hbase-site.hbase.rootdir":"${DEFAULT\_DATA\_DIR}",  "site.hbase-site.hbase.superuser":"${USER\_NAME}",  "site.hbase-site.hbase.tmp.dir":"${AGENT\_WORK\_ROOT}/work/app/tmp",  "site.hbase-site.hbase.local.dir":"${hbase.tmp.dir}/local",  "site.hbase-site.hbase.zookeeper.quorum":"bdi32.cmss.com",  "site.hbase-site.zookeeper.znode.parent":"/test1",  "site.hbase-site.hbase.regionserver.info.port":"0",  "site.hbase-site.hbase.master.info.port":"${HBASE\_MASTER.ALLOCATED\_PORT}",  "site.hbase-site.hbase.regionserver.port":"0",  "site.hbase-site.hbase.master.port":"0"  },  "yarnConfig":{  "yarn.log.include.patterns":"",  "yarn.log.exclude.patterns":"",  "yarn.component.instances":"1",  "yarn.vcores":"1",  "yarn.resourcemananger.am.retry-count-window-ms":"60000"  },  "components":{  "slider-appmaster":{  yarn.memory },  "HBASE\_MASTER":{  "yarn.role.priority":"1",  "yarn.memory": "16000",  "yarn.vcores":"8",  "yarn.component.instances":"1",  "yarn.placement.escalate.seconds":"10",  "yarn.memory":"512"  },  "HBASE\_REGIONSERVER":{  "yarn.role.priority":"2",  "yarn.component.instances":"1",  "yarn.memory":"512",  "yarn.container.failure.threshold":"15",  "yarn.placement.escalate.seconds":"60"  }  }  } |
|  |
|  |

**Response Example**

|  |
| --- |
| HTTP/1.1 200 OK  Server: nginx  Date: Fri, 12 Oct 2012 23:33:14 GMT  Content-Type: application/json; charset=utf-8 |

**Error Example**

| **Name** | **Description** |
| --- | --- |
| Status | 错误类型，目前始终是“error” |
| Message | 错误描述 |
| Code | 错误码 |

**Response Example**

| **Error code** | **英文消息描述** | **中文消息描述** |
| --- | --- | --- |
| 3000000001 | container type {appType} doesn't exist | 没有对应的web容器类型 |

例子：

|  |
| --- |
| {      "Status": "error",      "code": "3000000001",      "Message": container type {appType} doesn't exist.  } |