

1) Download mongoDB (v3.2 or any higher version) and install in your local.

Download URL: <https://www.mongodb.com/download-center?#community>

2) Connect local mongo DB (mongod)

3) Create Database using below command

```
use DB_NAME
```

4) Create user using below command

```
db.createUser({ user:"XXXXUSER_NAME",pwd:"XXXXPWD",roles:["readWrite","dbAdmin"]})
```

5) Create mongo collections

a) db.createCollection("AppContext");

b) db.createCollection("ServiceConfig");

c) db.createCollection("GuestToken");

Insert documents in AppContext

>> AppContext Documents

```
db.AppContext.insert({
```

```
  "_id" : "BOT_ID",
```

```
  "cat" : "GEN",
```

```
  "val" : "<<YOUR_BOT_ID>>") // you can get this value when you create new bot
```

```
db.AppContext.insert({
```

```
  "_id" : "BOT_ACCESS_TOKEN",
```

```
  "cat" : "GEN",
```

```
  "val" : "<<YOUR_BOT_ACCESS_TOKEN>> " // you can get this value when you create new bot
```

```
})
```

```
db.AppContext.insert({
```

```
  "_id" : "BOT_EMAIL_ID",
```

```
  "cat" : "GEN",
```

```
  "val" : "<<YOUR_BOT_USERNAME>> " // you can get this value when you create new bot
```

```
})
```

```
db.AppContext.insert({  
  "_id" : "HMAC_SHA1_SECRET_KEY",  
  "cat" : "GEN",  
  "val" : "<<YOUR_SECRET_KEY>>"  
})
```

```
db.AppContext.insert({  
  "_id" : "AGENT_ID_LIST",  
  "cat" : "GEN",  
  "val" : "<<YOUR_COMMA_SEPARATED_AGENT_EMAIL_IDs>>"  
})
```

// All the below documents are required and value are consistent across different webexbots

```
db.AppContext.insert({  
  "_id" : "SPARK_TOKEN_GUEST_SECRET",  
  "cat" : "GEN",  
  "val" : "<<YOUR_GUEST_SECRET>>"  
})
```

```
db.AppContext.insert({  
  "_id" : "MAX_NUMBER_OF_TOKENS",  
  "cat" : "GEN",  
  "val" : "10"
```

```
})
```

```
db.AppContext.insert({  
  "_id" : "SPARK_TOKEN_GUEST_ISSUER_ID",  
  "cat" : "GEN",  
  "val" : "<<YOUR_GUEST_ISSUER_ID>>"  
})
```

```
db.AppContext.insert({  
  "_id" : "SPARK_TOKEN_TTL_MS",  
  "cat" : "GEN",  
  "val" : "86400000"  
})
```

```
db.AppContext.insert({  
  "_id" : "SPARK_TOKEN_VALID_HRS",  
  "cat" : "GEN",  
  "val" : "6"  
})
```

>> ServiceConfig Documents

```
db.ServiceConfig.insert({ "_id" : 1,  
  "url" : "https://api.ciscospark.com/v1/jwt/login",  
  "timeout" : NumberInt(300),  
  "serviceName" : "SPARK_GUEST_TOKEN",  
  "appId" : "local",
```

```
"lifeCycle" : "NPRD",  
"encoding" : "UTF-8",  
"authType" : "BEARER",  
"contentType" : "application/json"  
})
```

```
db.ServiceConfig.insert({ "_id" : 2,  
  "url" : "https://api.ciscospark.com/v1",  
  "serviceName" : "SPARK_BASE_URL",  
  "appld" : "local",  
  "lifeCycle" : "NPRD",  
  "encoding" : "UTF-8",  
  "authType" : "BEARER",  
  "contentType" : "application/json",  
  "timeout" : NumberInt(300)  
})
```

```
db.ServiceConfig.insert({ "_id" : 3,  
  "url" : "https://api.ciscospark.com/v1/messages/msgId",  
  "timeout" : NumberInt(300),  
  "serviceName" : "SPARK_MESSAGE_MSG_ID",  
  "appld" : "local",  
  "lifeCycle" : "NPRD",  
  "encoding" : "UTF-8",  
  "authType" : "BEARER",  
  "contentType" : "application/json"
```

```
}}
```

```
db.ServiceConfig.insert({ "_id" : 4,  
  "url" : "https://api.ciscospark.com/v1/messages/",  
  "timeout" : NumberInt(300),  
  "serviceName" : "SPARK_MESSAGE",  
  "appld" : "local",  
  "lifeCycle" : "NPRD",  
  "encoding" : "UTF-8",  
  "authType" : "BEARER",  
  "contentType" : "application/json; charset=utf-8"  
})
```

```
db.ServiceConfig.insert({ "_id" : 5,  
  "url" : "https://api.ciscospark.com/v1/people/me",  
  "timeout" : NumberInt(300),  
  "serviceName" : "SPARK_MY_OWN_DETAIL",  
  "appld" : "local",  
  "lifeCycle" : "NPRD",  
  "encoding" : "UTF-8",  
  "authType" : "BEARER",  
  "contentType" : "application/json"  
})
```