

```
334 microgear.prototype.brokerconnect = function(callback) {  
335     var hkey = this.accesstoken.secret+'&'+this.gearsecret;  
336     var mqttuser = this.gearkey+'%'+Math.floor(Date.now()/1000);  
337     var mqttpassword = crypto.createHmac('sha1', hkey).  
338         update(this.accesstoken.token+'%'+mqttuser).digest('base64');  
339     var mqttclientid = this.accesstoken.token;  
340     console.log("hkey: ", hkey);  
341     console.log("user: ", mqttuser);  
342     console.log("pass: ", mqttpassword);  
343     console.log("clientId: ", mqttclientid);
```

```
accesstoken = {  
  token:oauth_token,  
  secret: oauth_token_secret,  
  appkey: results.appkey,  
  endpoint: results.endpoint  
}
```

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339     var mqttclientid = this.accesstoken.token;  
340     console.log("hkey: ", hkey);  
341     console.log("user: ", mqttuser);  
342     console.log("pass: ", mqttpassword);  
343     console.log("clientId: ", mqttclientid);
```