



# JWT

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## SETUP

npm i express --save

npm i jsonwebtoken --save

Hit this url -

[HTTP://LOCALHOST:8081/GENERATE?  
USERNAME=TOM&PASSWORD=CAT](http://localhost:8081/generate?username=tom&password=cat)

Copy the token value replace it in the below url and hit -

[HTTP://LOCALHOST:8081/ENDPOINT?API KEY=  
\[TOKENVALUE\]](http://localhost:8081/endpoint?api_key=[TOKENVALUE])

Try to hit again after 60 seconds with the same token value and see what happens





# INDEX.JS



```
const express = require('express');
const jwt = require('jsonwebtoken');
const app = express();

const secret_key = "alksjbklajsdbklwjrllkgb";

app.get("/generate", (req, res) => {
  let username = req.query.username;
  let password = req.query.password;
  if(username == "tom" && password == "cat")
  {
    let payload = {
      username:username
    };
    const token = jwt.sign(payload,secret_key,{expiresIn: 60});
    res.send(token);
  }
  else res.send("AUTH FAILED");
});

app.get("/endpoint", (req, res) => {
  if(req.query.api_key)
  {
    jwt.verify(req.query.api_key,secret_key,(err,payload) => {
      if(err) res.send("TOKEN INVALID");
      else res.send(payload);
    });
  }
  else
  {
    res.send("API KEY MISSING");
  }
});

app.listen(8081, function () {
  console.log('ExpressJS is running on port 8081');
});
```