

# Download with auth

## Middleware

```
import express, { Request, Response, NextFunction } from 'express';
import jwt from 'jsonwebtoken';

const authenticate = (req: Request, res: Response, next: NextFunction) => {
  const authHeader = req.headers['authorization'];
  const token = authHeader && authHeader.split(' ')[1];

  if (!token) {
    return res.status(401).json({ message: 'Unauthorized: No token provided' });
  }

  try {
    // Replace 'your_secret_key' with your actual JWT secret key
    const user = jwt.verify(token, 'your_secret_key');
    req.user = user;
    next();
  } catch (error) {
    res.status(403).json({ message: 'Forbidden: Invalid token' });
  }
};
```

## Route with protection

```
app.get('/download/:fileName', authenticate, (req: Request, res: Response) => {
  const { fileName } = req.params;
  const filePath = path.join(__dirname, 'uploads', fileName);

  // Check if file exists
  if (!fs.existsSync(filePath)) {
    return res.status(404).send('File not found');
  }

  // Send the file as a response
```

```
res.download(filePath, (err) => {  
  if (err) {  
    console.error('Error sending file:', err);  
    res.status(500).send('Error downloading file');  
  }  
});  
});
```

curl command with auth header

```
wget --header="Authorization: Bearer YOUR_TOKEN" http://localhost:3000/download/filename.pdf
```

---

Revision #2

Created 6 November 2024 11:06:43 by Makito

Updated 6 November 2024 11:08:26 by Makito