

Node.js Installation & App Deployment - V-1.0.0

Updates and upgrades all system packages.

```
1. sudo apt update && sudo apt upgrade
```

Installs curl and certificate tools required for fetching external resources.

```
2. sudo apt install -y curl ca-certificates
```

Fetches and sets up the latest NodeSource repository.

```
3. curl -fsSL https://deb.nodesource.com/setup_current.x | sudo -E bash -
```

Installs Node.js.

```
4. sudo apt install -y nodejs
```

Displays Node.js and npm versions.

```
5. node -v && npm -v
```

Clones your Express.js app from GitHub.

```
6. git clone https://github.com/your-username/your-express-app.git && cd  
your-express-app
```

Navigates to the app folder and installs dependencies.

```
7. cd express-app && npm install
```

Installs PM2 globally for process management.

```
8. npm install -g pm2
```

Starts the Express.js app with PM2.

```
9. pm2 start index.js --name express-app
```

Example MongoDB connection string.

```
10. "mongodb://username:password@localhost:27017/db_name?authSource=admin"
```

Saves PM2 process list and sets PM2 to start on boot.

```
11. pm2 save && pm2 startup
```

For changes in the command v-1.0.x

For new commands v-1.x.0

Completely new script v-x.0.0

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