

PowerShell recognize node -v (same like CMD)

node -v

A) Confirm the problem (1 minute)

Step 1: Open CMD

- Press **Win + R**
- Type: `cmd`
- Press **Enter**

Step 2: Check Node in CMD

Run:

```
node -v
```

If it shows a version, Node is installed.

Step 3: Find where Node is installed

Run:

```
where node
```

You will get a path like:

```
C:\Program Files\nodejs\node.exe
```

Keep this in mind.

B) Fix PowerShell PATH (Permanent Fix)

Step 4: Open Environment Variables

- Press **Win + R**
- Type:

```
sysdm.cpl
```

- Press **Enter**

Step 5: Go to Advanced tab

- Click **Advanced**
 - Click **Environment Variables...**
-

C) Add Node to PATH

Step 6: Edit User PATH

In the top section (**User variables for**):

- Find **Path**
- Select it
- Click **Edit...**

Step 7: Add Node path

- Click **New**
- Paste this:

```
C:\Program Files\nodejs\
```

Step 8: Add npm global path too (recommended)

Still in the same PATH editor:

- Click **New**
- Paste this:

```
C:\Users\%USERNAME%\AppData\Roaming\npm
```

Step 9: Save changes

- Click **OK**
 - Click **OK**
 - Click **OK** again to close everything
-

D) Restart PowerShell (Important)

Step 10: Close all PowerShell windows

 Close every PowerShell window completely.

Step 11: Open PowerShell again

- Press **Win**
 - Type **PowerShell**
 - Open it
-

E) Test

Step 12: Check Node now

Run:

```
node -v  
npm -v
```

 This should now work.

If it STILL doesn't work (2 quick checks)

Check 1: PowerShell can see node?

Run:

```
where.exe node
```

Check 2: PATH contains nodejs?

Run:

```
$env:Path -split ";" | Select-String "nodejs"
```