```
┌──────────────────── Risk Audit Capability ────────────────────┐
│ Depscan supports OSS Risk audit for this project.             │
│ To enable set the environment variable ENABLE_OSS_RISK=true   │
└───────────────────────────────────────────────────────────────┘
```

Dependency Scan Results (JS)

Dependency Tree	Insights	Fix Version	Severity	Score
app@1.0.0 └─ **marked@0.3.19 ←** **NPM-1088022**	🔧 Used in 3 locations	0.6.2	MEDIUM	5.3
app@1.0.0 └─ **marked@0.3.19 ←** **CVE-2022-21680**	🔧 Used in 3 locations	4.0.10	HIGH	7.5
app@1.0.0 └─ **marked@0.3.19 ←** **CVE-2022-21681**	🔧 Used in 3 locations	4.0.10	HIGH	7.5
app@1.0.0 └─ **trim-newlines@4...** **← CVE-2021-33623**	🔧 Indirect dependency	4.0.1	HIGH	7.5
app@1.0.0 └─ **ip@1.1.9 ←** **CVE-2024-29415**	🔧 Used in 2 locations		HIGH	8.1
app@1.0.0 └─ **marked@0.3.19 ←** **GHSA-xf5p-87ch-...**	🔧 Used in 3 locations	0.6.2	MEDIUM	5.3

```
┌──────────────────────── Recommendation ────────────────────────┐
│ 🔧 3 out of 6 vulnerabilities requires your attention.         │
│ 🔧 You can update all the packages using the mentioned fix version to │
│ remediate.                                                     │
└────────────────────────────────────────────────────────────────┘
```
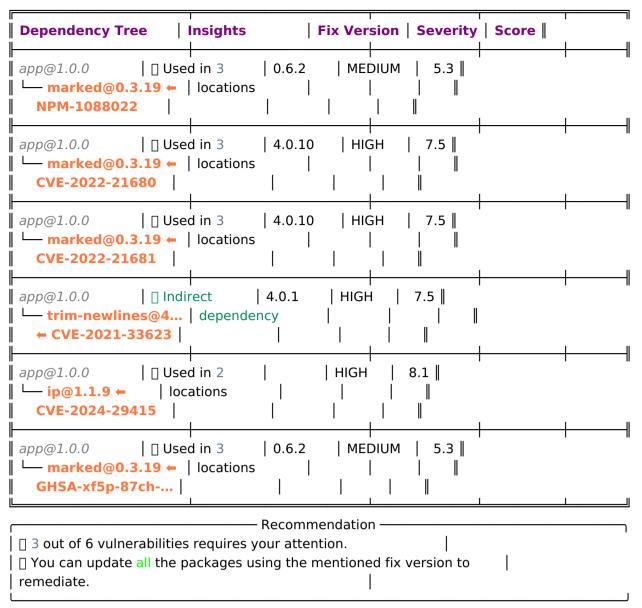
Proactive Measures

Below are the top reachable packages identified by depscan. Setup alerts and notifications to actively monitor these packages for new vulnerabilities and exploits.

Top Reachable Packages

Package	Reachable Flows
pkg:npm/express@4.18.2	343
pkg:npm/marked@0.3.5	128
pkg:npm/ip@1.1.8	89

Reachable Flows

Below are some reachable flows identified by depscan. Use the provided tips to improve the securability of your application.

#1 *Flow starts from a module import*

```
┌──────────────────────────────────────────────────────────────┐
│ index.js#6    require('express')                             │
│ Tags: pkg:npm/express@4.18.2, framework                      │
│                                                              │
│ ├── index.js#7    require('path')                            │
│ ├── index.js#17    path.join(__dirname, 'static')            │
│ │   Tags: pkg:npm/express@4.18.2, framework                  │
│ │ │                                                          │
│ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#28    app.get('/', function (req, res) {        │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#31    app.get('/markdown', function (req, res) { │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#34    app.get('/chat-ui', function (req, res) { │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#38    app.get('/trimnewlines', function (req, res) { │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#74    app.post('/trimnewlines', function (req, res) { │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
│ ├── index.js#126    app.post('/markdown', function (req, res) { │
│ │   Tags: pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5       │
│ │ │                                                          │
│ ├── index.js#158    app.get('/checkip', function(req, res) { │
│ │   Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8           │
│ │ │                                                          │
│ └── index.js#159    res.send                                 │
│     Tags: framework-output                                   │
│                                                              │
└──────────────────────────────────────────────────────────────┘
```

Reachable Packages:
pkg:npm/marked@0.3.5
pkg:npm/express@4.18.2
pkg:npm/ip@1.1.8

#2 *express.static(path.join(__dirname, 'static')) can be used to reach this package.*

```
┌──────────────────────────────────────────────────────────────┐
│ index.js#17    express.static(path.join(__dirname, 'static')) │
│ Tags: pkg:npm/express@4.18.2, framework                      │
│                                                              │
│ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) │
│ │   Tags: pkg:npm/express@4.18.2                             │
│ │ │                                                          │
```

```
║ ├── index.js#28    app.get('/', function (req, res) {         ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#31    app.get('/markdown', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#34    app.get('/chat-ui', function (req, res) {  ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#38    app.get('/trimnewlines', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ └── index.js#74    app.post('/trimnewlines', function (req, res) { ║
║     Tags: pkg:npm/express@4.18.2                              ║
║                                                               ║
```

Reachable Packages:
pkg:npm/express@4.18.2

#3 *express.json({ limit: '10mb' }) can be used to reach this package.*

```
║ index.js#16    express.json({ limit: '10mb' })                ║
║ Tags: pkg:npm/express@4.18.2, framework                       ║
║                                                               ║
║ ├── index.js#17    app.use('/static', express.static(path.join(__dirname, ║
║ │   'static')))                                               ║
║ │   Tags: pkg:npm/express@4.18.2, framework                   ║
║ │                                                             ║
║ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#28    app.get('/', function (req, res) {         ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#31    app.get('/markdown', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#34    app.get('/chat-ui', function (req, res) {  ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#38    app.get('/trimnewlines', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ └── index.js#74    app.post('/trimnewlines', function (req, res) { ║
║     Tags: pkg:npm/express@4.18.2                              ║
║                                                               ║
```

Reachable Packages:
pkg:npm/express@4.18.2

#4 *app.post('/trimnewlines', function (req, res) { can be used to reach 3 packages.*

```
║ index.js#74    app.post('/trimnewlines', function (req, res) { ║
║ Tags: pkg:npm/express@4.18.2                                  ║
║                                                               ║
║ ├── index.js#126    app.post('/markdown', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5        ║
║ │                                                             ║
║ ├── index.js#158    app.get('/checkip', function(req, res) {  ║
║ │   Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8            ║
║ │                                                             ║
║ └── index.js#159    res.send(`                                ║
║     Tags: framework-output                                    ║
║                                                               ║
```

Reachable Packages:
pkg:npm/marked@0.3.5
pkg:npm/express@4.18.2
pkg:npm/ip@1.1.8

#5 *app.post('/trimnewlines', function (req, res) { can be used to reach this package.*

```
║ index.js#74    app.post('/trimnewlines', function (req, res) { ║
║ Tags: pkg:npm/express@4.18.2                                  ║
║                                                               ║
║ └── index.js#92    res.send                                   ║
║     Tags: framework-output                                    ║
║                                                               ║
```

Reachable Packages:
pkg:npm/express@4.18.2

#6 *express.static(path.join(__dirname, 'static')) can be used to reach this package.*

```
║ index.js#17    express.static(path.join(__dirname, 'static')) ║
║ Tags: pkg:npm/express@4.18.2, framework                       ║
║                                                               ║
║ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#28    app.get('/', function (req, res) {         ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#31    app.get('/markdown', function (req, res) { ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ ├── index.js#34    app.get('/chat-ui', function (req, res) {  ║
║ │   Tags: pkg:npm/express@4.18.2                              ║
║ │                                                             ║
║ └── index.js#35    res.sendFile(__dirname + '/templates/chat-ui.html') ║
║     Tags: framework-output                                    ║
║                                                               ║
```

Reachable Packages:
pkg:npm/express@4.18.2

#7 *express.static(path.join(__dirname, 'static')) can be used to reach 3 packages.*

```
║ index.js#17    express.static(path.join(__dirname, 'static')) ║
```

Tags: *pkg:npm/express@4.18.2, framework*

├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#28   app.get('/', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#31   app.get('/markdown', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#34   app.get('/chat-ui', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#38   app.get('/trimnewlines', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#74   app.post('/trimnewlines', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#126   app.post('/markdown', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5*

├── index.js#158   app.get('/checkip', function(req, res) {
│   **Tags:** *pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8*

└── index.js#159   res.send
    Tags: *framework-output*

Reachable Packages:
pkg:npm/marked@0.3.5
pkg:npm/express@4.18.2
pkg:npm/ip@1.1.8

#8 *express.static(path.join(__dirname, 'static')) can be used to reach this package.*

index.js#17   express.static(path.join(__dirname, 'static'))
Tags: *pkg:npm/express@4.18.2, framework*

├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#28   app.get('/', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#31   app.get('/markdown', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#34   app.get('/chat-ui', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#38   app.get('/trimnewlines', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

└── index.js#39   res.send(`
    Tags: *framework-output*

Reachable Packages:
pkg:npm/express@4.18.2

#9 *Flow starts from a callback function*

index.js#17   app.use('/static', express.static(path.join(__dirname, 'static')))
Tags: *pkg:npm/express@4.18.2, framework*

├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#28   app.get('/', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#31   app.get('/markdown', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#34   app.get('/chat-ui', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#38   app.get('/trimnewlines', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

└── index.js#74   app.post('/trimnewlines', function (req, res) {
    Tags: *pkg:npm/express@4.18.2*

Reachable Packages:
pkg:npm/express@4.18.2

#10 *const express = require('express') can be used to reach this package.*

index.js#6   const express = require('express')
Tags: *pkg:npm/express@4.18.2, framework*

├── index.js#15   express.urlencoded({ limit: '10mb', extended: true })
│   **Tags:** *pkg:npm/express@4.18.2, framework*

├── index.js#16   app.use(express.json({ limit: '10mb' }))
│   **Tags:** *pkg:npm/express@4.18.2, framework*

├── index.js#17   app.use('/static', express.static(path.join(__dirname, 'static')))
│   **Tags:** *pkg:npm/express@4.18.2, framework*

├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))
│   **Tags:** *pkg:npm/express@4.18.2*

├── index.js#28   app.get('/', function (req, res) {
│   **Tags:** *pkg:npm/express@4.18.2*

└── index.js#29   res.sendFile

```
‖    Tags: framework-output                                  ‖
‖                                              ‖
‖_____‖

                    Reachable Packages:
                    pkg:npm/express@4.18.2
```

#11 *const express = require('express') can be used to reach 3 packages.*

```
┌────────────────────────────────────────────────────────────┐
‖ index.js#6    const express = require('express')           ‖ ‖
‖ Tags: pkg:npm/express@4.18.2, framework                    ‖ ‖
‖                                                            ‖ ‖
‖ ├── index.js#15    express.urlencoded({ limit: '10mb', extended: true }) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#16    app.use(express.json({ limit: '10mb' })) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#17    app.use('/static', express.static(path.join(__dirname, ‖ ‖
‖ │   'static')))                                            ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#28    app.get('/', function (req, res) {      ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#31    app.get('/markdown', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#34    app.get('/chat-ui', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#38    app.get('/trimnewlines', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#74    app.post('/trimnewlines', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#126   app.post('/markdown', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5     ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#158   app.get('/checkip', function(req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8         ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#262   app.post('/checkip', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8         ‖ ‖
‖ │                                                          ‖ ‖
‖ └── index.js#288   res.send(responseMessage)               ‖ ‖
‖     Tags: framework-output                                 ‖ ‖
‖                                                            ‖ ‖
└────────────────────────────────────────────────────────────┘

                    Reachable Packages:
                    pkg:npm/marked@0.3.5
                    pkg:npm/express@4.18.2
                    pkg:npm/ip@1.1.8
```

#12 *Flow starts from a module import*

```
┌────────────────────────────────────────────────────────────┐
‖ index.js#6    require('express')                           ‖ ‖
‖ Tags: pkg:npm/express@4.18.2, framework                    ‖ ‖
‖                                                            ‖ ‖
‖ ├── index.js#7    require('path')                          ‖ ‖
‖ ├── index.js#17   path.join(__dirname, 'static')           ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#18   app.use(bodyParser.urlencoded({ extended: true })) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ └── index.js#28   app.get('/', function (req, res) {       ‖ ‖
‖     Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖                                                            ‖ ‖
└────────────────────────────────────────────────────────────┘

                    Reachable Packages:
                    pkg:npm/express@4.18.2
```

#13 *express.urlencoded({ limit: '10mb', extended: true }) can be used to reach 3 packages.*

```
┌────────────────────────────────────────────────────────────┐
‖ index.js#15    express.urlencoded({ limit: '10mb', extended: true }) ‖ ‖
‖ Tags: pkg:npm/express@4.18.2, framework                    ‖ ‖
‖                                                            ‖ ‖
‖ ├── index.js#16    app.use(express.json({ limit: '10mb' })) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#17    app.use('/static', express.static(path.join(__dirname, ‖ ‖
‖ │   'static')))                                            ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, framework                ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true })) ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#28    app.get('/', function (req, res) {      ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#31    app.get('/markdown', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#34    app.get('/chat-ui', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#38    app.get('/trimnewlines', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#74    app.post('/trimnewlines', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2                           ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#126   app.post('/markdown', function (req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5     ‖ ‖
‖ │                                                          ‖ ‖
‖ ├── index.js#158   app.get('/checkip', function(req, res) { ‖ ‖
‖ │   Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8         ‖ ‖
‖ │                                                          ‖ ‖
```

```
‖ ├── index.js#262   app.post('/checkip', function (req, res) {           ‖
‖ │  Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8                        ‖
‖ │                                                                        ‖
‖ └── index.js#288   res.send                                             ‖
‖     Tags: framework-output                                              ‖
‖                                                                          ‖
```

#14 *Flow starts from a callback function*

```
‖ index.js#15   app.use(express.urlencoded({ limit: '10mb', extended: true  ‖
‖ }))                                                                       ‖
‖ Tags: pkg:npm/express@4.18.2, framework                                   ‖
‖                                                                           ‖
‖ ├── index.js#16   app.use(express.json({ limit: '10mb' }))               ‖
‖ │  Tags: pkg:npm/express@4.18.2, framework                               ‖
‖ │                                                                         ‖
‖ ├── index.js#17   app.use('/static', express.static(path.join(__dirname, ‖
‖ │  'static')))                                                            ‖
‖ │  Tags: pkg:npm/express@4.18.2, framework                               ‖
‖ │                                                                         ‖
‖ ├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))     ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#28   app.get('/', function (req, res) {                     ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#31   app.get('/markdown', function (req, res) {             ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#34   app.get('/chat-ui', function (req, res) {              ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#38   app.get('/trimnewlines', function (req, res) {         ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#74   app.post('/trimnewlines', function (req, res) {        ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#126   app.post('/markdown', function (req, res) {           ‖
‖ │  Tags: pkg:npm/express@4.18.2, pkg:npm/marked@0.3.5                    ‖
‖ │                                                                         ‖
‖ ├── index.js#158   app.get('/checkip', function(req, res) {             ‖
‖ │  Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8                        ‖
‖ │                                                                         ‖
‖ ├── index.js#262   app.post('/checkip', function (req, res) {           ‖
‖ │  Tags: pkg:npm/express@4.18.2, pkg:npm/ip@1.1.8                        ‖
‖ │                                                                         ‖
‖ └── index.js#288   res.send                                             ‖
‖     Tags: framework-output                                              ‖
‖                                                                           ‖
```

#15 *Flow starts from a callback function*

```
‖ index.js#15   app.use(express.urlencoded({ limit: '10mb', extended: true  ‖
‖ }))                                                                       ‖
‖ Tags: pkg:npm/express@4.18.2, framework                                   ‖
‖                                                                           ‖
‖ ├── index.js#16   app.use(express.json({ limit: '10mb' }))               ‖
‖ │  Tags: pkg:npm/express@4.18.2, framework                               ‖
‖ │                                                                         ‖
‖ ├── index.js#17   app.use('/static', express.static(path.join(__dirname, ‖
‖ │  'static')))                                                            ‖
‖ │  Tags: pkg:npm/express@4.18.2, framework                               ‖
‖ │                                                                         ‖
‖ ├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))     ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#28   app.get('/', function (req, res) {                     ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#31   app.get('/markdown', function (req, res) {             ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ ├── index.js#34   app.get('/chat-ui', function (req, res) {              ‖
‖ │  Tags: pkg:npm/express@4.18.2                                          ‖
‖ │                                                                         ‖
‖ └── index.js#35   res.sendFile(__dirname + '/templates/chat-ui.html')    ‖
‖     Tags: framework-output                                              ‖
‖                                                                           ‖
```

#16 *express.static(path.join(__dirname, 'static')) can be used to reach this package.*

```
‖ index.js#17   express.static(path.join(__dirname, 'static'))            ‖
‖ Tags: pkg:npm/express@4.18.2, framework                                 ‖
‖                                                                          ‖
‖ ├── index.js#18   app.use(bodyParser.urlencoded({ extended: true }))    ‖
‖ │  Tags: pkg:npm/express@4.18.2                                         ‖
‖ │                                                                        ‖
‖ ├── index.js#28   app.get('/', function (req, res) {                    ‖
‖ │  Tags: pkg:npm/express@4.18.2                                         ‖
‖ │                                                                        ‖
‖ ├── index.js#31   app.get('/markdown', function (req, res) {            ‖
‖ │  Tags: pkg:npm/express@4.18.2                                         ‖
‖ │                                                                        ‖
‖ └── index.js#34   app.get('/chat-ui', function (req, res) {             ‖
‖     Tags: pkg:npm/express@4.18.2                                        ‖
‖                                                                          ‖
```

#17 *Flow starts from a callback function*

```
index.js#15    app.use(express.urlencoded({ limit: '10mb', extended: true
}))
Tags: pkg:npm/express@4.18.2, framework

├── index.js#16    app.use(express.json({ limit: '10mb' }))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#17    app.use('/static', express.static(path.join(__dirname,
│   'static')))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#18    app.use(bodyParser.urlencoded({ extended: true }))
│   Tags: pkg:npm/express@4.18.2

├── index.js#28    app.get('/', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#31    app.get('/markdown', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

└── index.js#34    app.get('/chat-ui', function (req, res) {
    Tags: pkg:npm/express@4.18.2
```

Reachable Packages:
pkg:npm/express@4.18.2

#18 *Flow starts from a callback function*

```
index.js#15    app.use(express.urlencoded({ limit: '10mb', extended: true
}))
Tags: pkg:npm/express@4.18.2, framework

├── index.js#16    app.use(express.json({ limit: '10mb' }))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#17    app.use('/static', express.static(path.join(__dirname,
│   'static')))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#18    app.use(bodyParser.urlencoded({ extended: true }))
│   Tags: pkg:npm/express@4.18.2

├── index.js#28    app.get('/', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#31    app.get('/markdown', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#34    app.get('/chat-ui', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

└── index.js#38    app.get('/trimnewlines', function (req, res) {
    Tags: pkg:npm/express@4.18.2
```

Reachable Packages:
pkg:npm/express@4.18.2

#19 *Flow starts from a callback function*

```
index.js#16    app.use(express.json({ limit: '10mb' }))
Tags: pkg:npm/express@4.18.2, framework

├── index.js#17    app.use('/static', express.static(path.join(__dirname,
│   'static')))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#18    app.use(bodyParser.urlencoded({ extended: true }))
│   Tags: pkg:npm/express@4.18.2

├── index.js#28    app.get('/', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#31    app.get('/markdown', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#34    app.get('/chat-ui', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#38    app.get('/trimnewlines', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

├── index.js#74    app.post('/trimnewlines', function (req, res) {
│   Tags: pkg:npm/express@4.18.2

└── index.js#92    res.send(`
    Tags: framework-output
```

Reachable Packages:
pkg:npm/express@4.18.2

#20 *express() can be used to reach this package.*

```
index.js#14    express()
Tags: pkg:npm/express@4.18.2, framework

├── index.js#15    app.use(express.urlencoded({ limit: '10mb', extended:
│   true }))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#16    app.use(express.json({ limit: '10mb' }))
│   Tags: pkg:npm/express@4.18.2, framework

├── index.js#17    app.use('/static', express.static(path.join(__dirname,
│   'static')))
│   Tags: pkg:npm/express@4.18.2, framework
```

```
║  ├── index.js#18    app.use(bodyParser.urlencoded({ extended: true }))        ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  ├── index.js#28    app.get('/', function (req, res) {                        ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  ├── index.js#31    app.get('/markdown', function (req, res) {                ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  ├── index.js#34    app.get('/chat-ui', function (req, res) {                 ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  ├── index.js#38    app.get('/trimnewlines', function (req, res) {            ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  ├── index.js#74    app.post('/trimnewlines', function (req, res) {           ║
║  │   Tags: pkg:npm/express@4.18.2                                             ║
║  │                                                                            ║
║  └── index.js#92    res.send                                                  ║
║      Tags: framework-output                                                   ║
║                                                                               ║
╚═══════════════════════════════════════════════════════════════════════════════╝
```

Reachable Packages:
pkg:npm/express@4.18.2

Secure Design Tips

• Consider implementing a common validation/sanitization library to reduce the
exploitability risk.