

### Basic Syntax

```
theHarvester -d <domain> -b <source>
theHarvester -d example.com -b google
```

### Required Flags

| flag | description   |
|------|---------------|
| -d   | Target domain |
| -b   | Data source   |

### limit results

```
theHarvester -d target.com -b google -l 100
-l <number>
```

### Start result Offset

```
theHarvester -d target.com -b google -l 50 -s 50
-s <start>
```

### command reference

#### # basic

```
theHarvester -d target.com -b google
```

#### # limit results

```
theHarvester -l 100
```

#### # DNS resolution

```
# Brute force -c
```

#### # output file

#### # full scan

```
theHarvester -d target.com -b google -l 200 -n -c -f report
```

### Data Sources (-b)

| source     | description            |
|------------|------------------------|
| google     | Google search          |
| bing       | Bing search            |
| yahoo      | Yahoo results          |
| duckduckgo | Privacy-focused search |
| Linkedin   | employee names         |
| twitter    | social media           |
| github     | developer leaks        |
| crtsh      | SSL certificate logs   |

### output to file

```
theHarvester -d target.com -b google -f results.html
-f <filename>
```

### full scan example

```
theHarvester -d target.com -b google -l 200 -n -c -f report
```

### DNS / Host discovery

```
theHarvester -d target.com -b google -n -n
```

### virtual hosts search

```
theHarvester -d target.com -b google -v -v
```

### DNS brute force

```
theHarvester -d target.com -b google -c -c
```

### Use proxy

```
theHarvester -d target.com -b google -p -p
```

### Output interpretation

| Emails              | host / subdomains |
|---------------------|-------------------|
| admin@target.com    | mail.target.com   |
| john.doe@target.com | vpn.target.com    |
|                     | dev.target.com    |

