

EXPORT JOBS

You can export Jobs to a CSV file. There are three types of exports:

- **Single Job Export:** Includes the Job Details.
- **Simple Jobs Export:** The export file contains the same information as the Job Status page.
- **Job Action Report:** The export file contains all information included in the Simple Jobs Export, but also includes Action details.

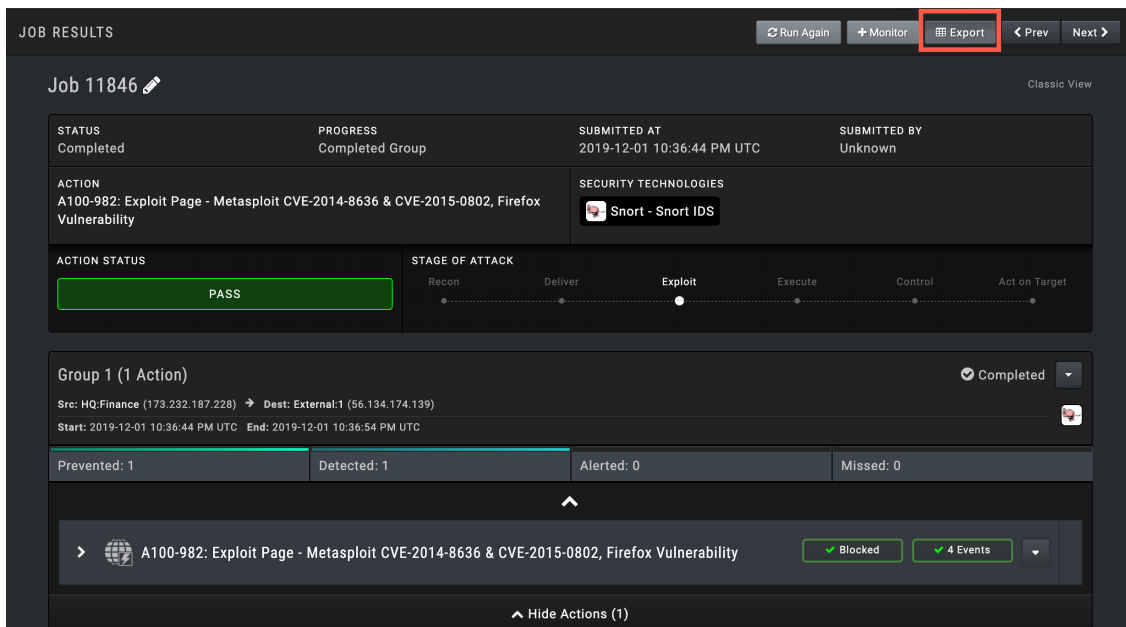
See [Job Export Fields \(https://docs.mandiant.com/home/msv-job-export-fields\)](https://docs.mandiant.com/home/msv-job-export-fields) for a full list of fields included in each export.

This article covers the following topics:

- Export a single Job, with or without raw events and error events
- Export one or more Jobs from the Job Status page, with or without raw events and error events
- Export multiple Jobs from the Job Status page with Action information

Export a single Job

1. Open the **Jobs > Job Status** page.
2. Click on a Job in the list. You can also enter the Job number in the Filter field to narrow your search, and then select the Job.
3. Click **Export**, as shown in the following figure.



The screenshot shows the 'JOB RESULTS' page for Job 11846. At the top right, there are buttons for 'Run Again', 'Monitor', 'Export' (highlighted with a red box), 'Prev', and 'Next'. Below the job title, there are sections for 'STATUS' (Completed), 'PROGRESS' (Completed Group), 'SUBMITTED AT' (2019-12-01 10:36:44 PM UTC), and 'SUBMITTED BY' (Unknown). The 'ACTION' section shows 'A100-982: Exploit Page - Metasploit CVE-2014-8636 & CVE-2015-0802, Firefox Vulnerability' and 'SECURITY TECHNOLOGIES' (Snort - Snort IDS). The 'ACTION STATUS' is 'PASS'. The 'STAGE OF ATTACK' progress bar shows 'Recon', 'Deliver', 'Exploit' (current), 'Execute', 'Control', and 'Act on Target'. Below this, there is a summary for 'Group 1 (1 Action)' with 'Completed' status, 'Src: HQ-Finance (173.232.187.228) → Dest: External:1 (56.134.174.139)', and 'Start: 2019-12-01 10:36:44 PM UTC End: 2019-12-01 10:36:54 PM UTC'. A summary bar shows 'Prevented: 1', 'Detected: 1', 'Alerted: 0', and 'Missed: 0'. At the bottom, there is a list of actions, including 'A100-982: Exploit Page - Metasploit CVE-2014-8636 & CVE-2015-0802, Firefox Vulnerability' with 'Blocked' and '4 Events' indicators.

Export Job

4. When prompted, specify if you want to open or save the export file.

Include raw events for a single job

1. Open the Job results page for a given Job.
2. Append the following string to the URL and press **Enter**:

```
job_result/?include_raw_events
```

For example:

```
https://[Director_address]/jobs/[Job_ID]/job_result?include_raw_events
```

The .csv automatically downloads to your default download location.

Include error events for a single job

1. Open the Job results page for a given Job.
2. Append the following string to the URL and press **Enter**:

```
job_result/?show_status=true
```

For example:

```
https://[Director_address]/jobs/[Job_ID]/job_result?show_status=true
```

The .csv automatically downloads to your default download location.

Export Jobs from the Job Status page

When exporting Jobs from the Jobs Status page, you have two options. You can create a simple report that just includes the Job details, similar to what you see when you export a single Job. Alternatively, you can export the Job Details and information for each Action included in the Job. Additional information includes the VID, Action type, Tags, UserTags, Target status, and if the Action includes a File, the file name and SHA256.

1. Open the **Jobs > Job Status** page.
2. Click **Export**.
3. Specify the **Output options** for your export and then click **Export**.
 - a. **Separator**: Specifies the delimiter for separating entries.



Job Actions often have commas in the names. If you plan on working with the CSV file in a spreadsheet program such as Microsoft Excel, consider using the semicolon as the delimiter during export.

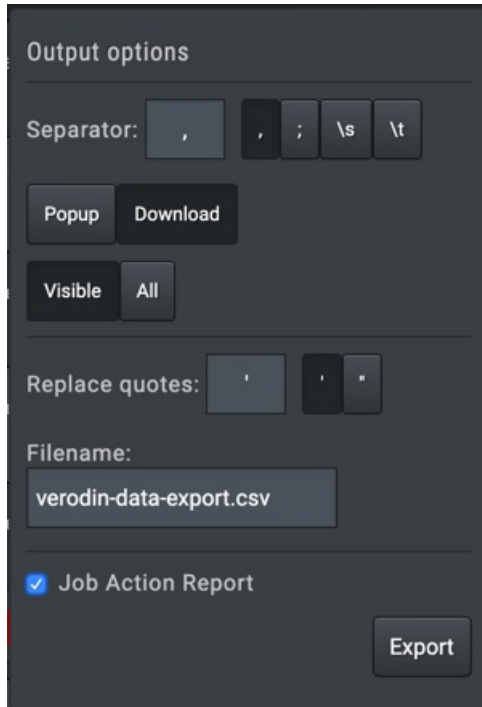
For best results, import your CSV file into Excel or similar spreadsheet program, confirm the delimiter (for example, comma, semi-colon) and use single-quotation marks as the text qualifier during import.

- b. **File export preference**: Specifies whether you want the export to appear in a Popup window or as a downloaded file.




Your web browser may block this popup. To see the popup, you must allow your browser to open it.

- c. **Selection preference**: Specifies whether you want to export only the Jobs visible in your browser or all Jobs.
- d. **Replace quotes**: Specifies the quote style (single or double) in which to enclose text.
- e. **Filename**: Specifies the name of the destination file. The default filename is shown in the following figure.
- f. **Job Action Report**: Select if you want to include the Action details in the report. This includes one line for each Action.



Export Job Output options

 If you select **Popup** as your file export preference, a popup window appears that contains the exported information. If you select **Download**, you are prompted to open or save the exported file.

Include raw events for multiple Jobs

You can include raw events when you export multiple Jobs. You can export all Jobs with raw event data by entering `1` as the starting Job ID. To export a smaller range of Jobs with raw event data, you can enter any Job ID, and the output starts from that Job ID.


1. Open the **Jobs > Job Status** page.
2. In the URL, append the following and press **Enter**:

`/[Job_ID]` for the Job you want to start with, followed by `/job_results?include_raw_events`

For example, the following URL includes results with raw event data for all Jobs starting at Job 100:

```
https://[Director_address]/jobs/100/job_results?include_raw_events
```

Once you hit enter on the URL, the platform processes your request and downloads the csv for you.

 The URLs for exporting a single versus multiple Jobs are almost identical. The only difference is the URL for a single job includes `job_result` while the URL for multiple jobs includes `job_results`.

Include error events for multiple Jobs

You can include error events when you export multiple Jobs. You can export all Jobs with error event data by entering `1` as the starting Job ID. To export a smaller range of Jobs with error event data, you can enter any Job ID, and the output starts from that Job ID.

1. Open the **Jobs > Job Status** page.

2. In the URL, append the following and press **Enter**:

`/[Job_ID]` for the Job you want to start with, followed by `/job_results?show_status=true`

For example, the following URL includes results with raw event data for all Jobs starting at Job 100:

```
https://[Director_address]/jobs/100/job_results?show_status=true
```

Once you hit enter on the URL, the platform processes your request and download the CSV file for you.



The URLs for exporting a single versus multiple Jobs are almost identical. The only difference is the URL for a single job includes `job_result` while the URL for multiple jobs includes `job_results`.