

GROUP DETAILS

Each Job Results has one or more Groups, which will have one or more Actions. The list of the Actions in a group is collapsed by default. Information that is visible by default includes:

- Group Name and count of Actions
- Group completion status
- Actor or Actors assigned to the Group and any security technologies installed on those Actors

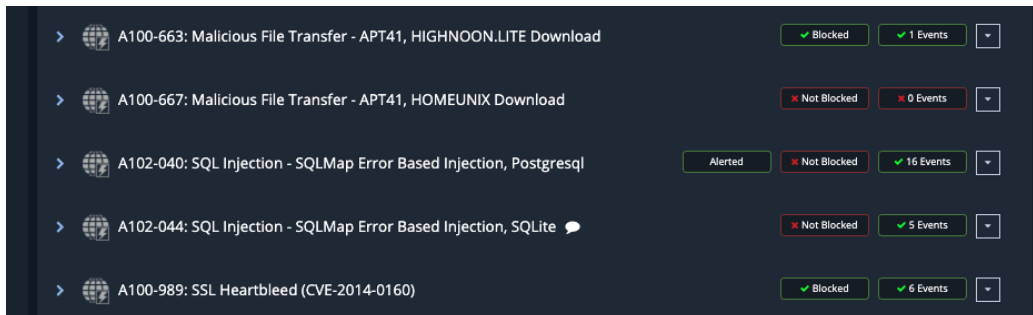







If you are watching the results populate as the Job runs, you may notice the source and destination addresses update at the end of the Job. When an Action is running, Security Validation only knows the Actor Interface addresses. Security Validation might also know the destination address that the source needs to use, such as when an AWS Actor is behind a NAT in AWS so its NIC IP is different from the external IP you use to reach it. In cases where the source Actor is going through a NAT, Verodin doesn't know the external address of that NAT until the destination Actor sees it and returns its info upon completing the Job Action.

- User Profile or Friendly Name used for the Group (when applicable)
- The language if it is not English
- Start and end times, which may differ from the Job Submitted time
- Security Technology icons for the security technologies that detected the Job Actions in that Group
- Prevented, Detected, Alerted, and Missed overview

Alert Flags

When an alert is generated against an Action, an alert flag displays on the Job Status page, next to the Blocked / Not Blocked boxes. This indicator makes it easy to see which Action generated the alert, without having to search through all of the events.



| | | | | | |
|---|--|--------------------------|--------------------------|------------------------|---|
| > |  A100-663: Malicious File Transfer - APT41, HIGHNOON.LITE Download | Blocked | 1 Events | ▼ | |
| > |  A100-667: Malicious File Transfer - APT41, HOMEUNIX Download | Not Blocked | 0 Events | ▼ | |
| > |  A102-040: SQL Injection - SQLMap Error Based Injection, Postgresql | Alerted | Not Blocked | 16 Events | ▼ |
| > |  A102-044: SQL Injection - SQLMap Error Based Injection, SQLite | Not Blocked | 5 Events | ▼ | |
| > |  A100-989: SSL Heartbleed (CVE-2014-0160) | Blocked | 6 Events | ▼ | |

Alert Flags on Job Status Page

You can filter the displayed Job results by result type using a drop-down list in the Job Actions area. This filter drop-down list includes the following filtering options:

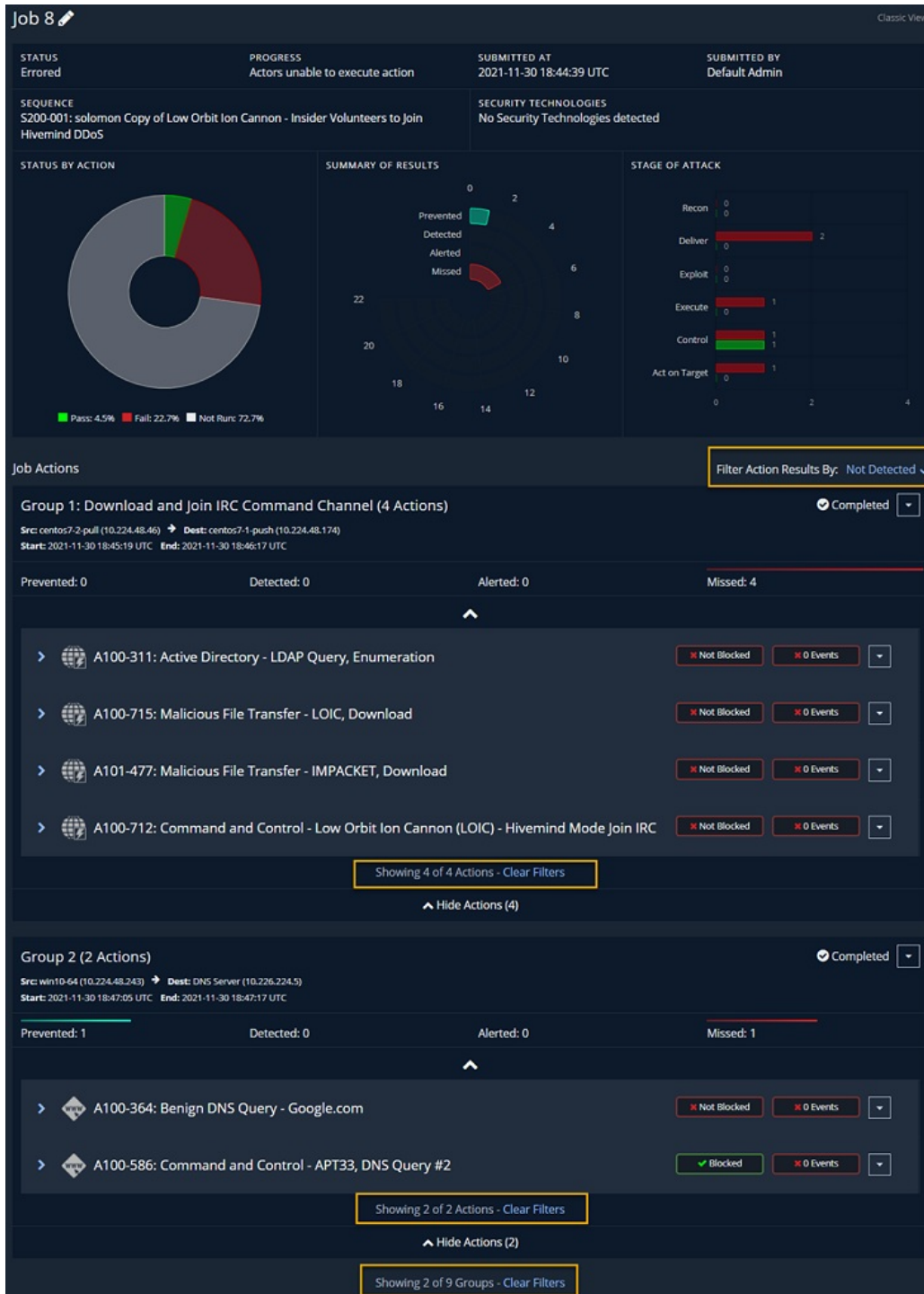
- **All Results** (select this option for no filtering)
- **Not Alerted**
- **Not Detected**
- **Not Prevented**
- **Prevented**

- **Detected**
- **Alerted**
- **Missed** (this result type indicates that Job Actions were not prevented AND not detected AND not alerted AND not errored)
- **Errored**




All of the result type filtering options should not include Job Actions that have not completed, such as those that are actively running, have a "not run" status, or are in a queue to be run.

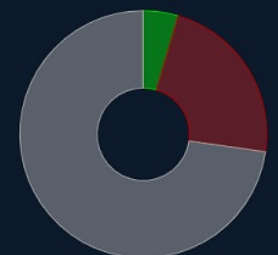
When you apply these filters, the Job Actions in each group display by result type.




Results of the Not Detected filter

Job 8 
Classic View

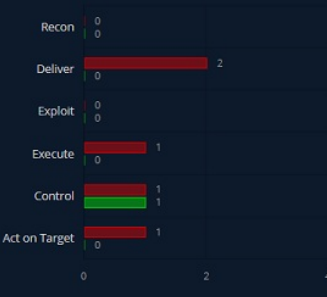
| | | | |
|--|--|---|--------------------------------------|
| STATUS Errored | PROGRESS Actors unable to execute action | SUBMITTED AT 2021-11-30 18:44:39 UTC | SUBMITTED BY Default Admin |
| SEQUENCE S200-001: solomon Copy of Low Orbit Ion Cannon - Insider Volunteers to Join Hivemind DDoS | | SECURITY TECHNOLOGIES No Security Technologies detected | |

STATUS BY ACTION


■ Pass: 4.5%
 ■ Fail: 22.7%
 ■ Not Run: 72.7%

SUMMARY OF RESULTS



| | |
|-----------|----|
| Prevented | 2 |
| Detected | 4 |
| Alerted | 6 |
| Missed | 22 |

STAGE OF ATTACK


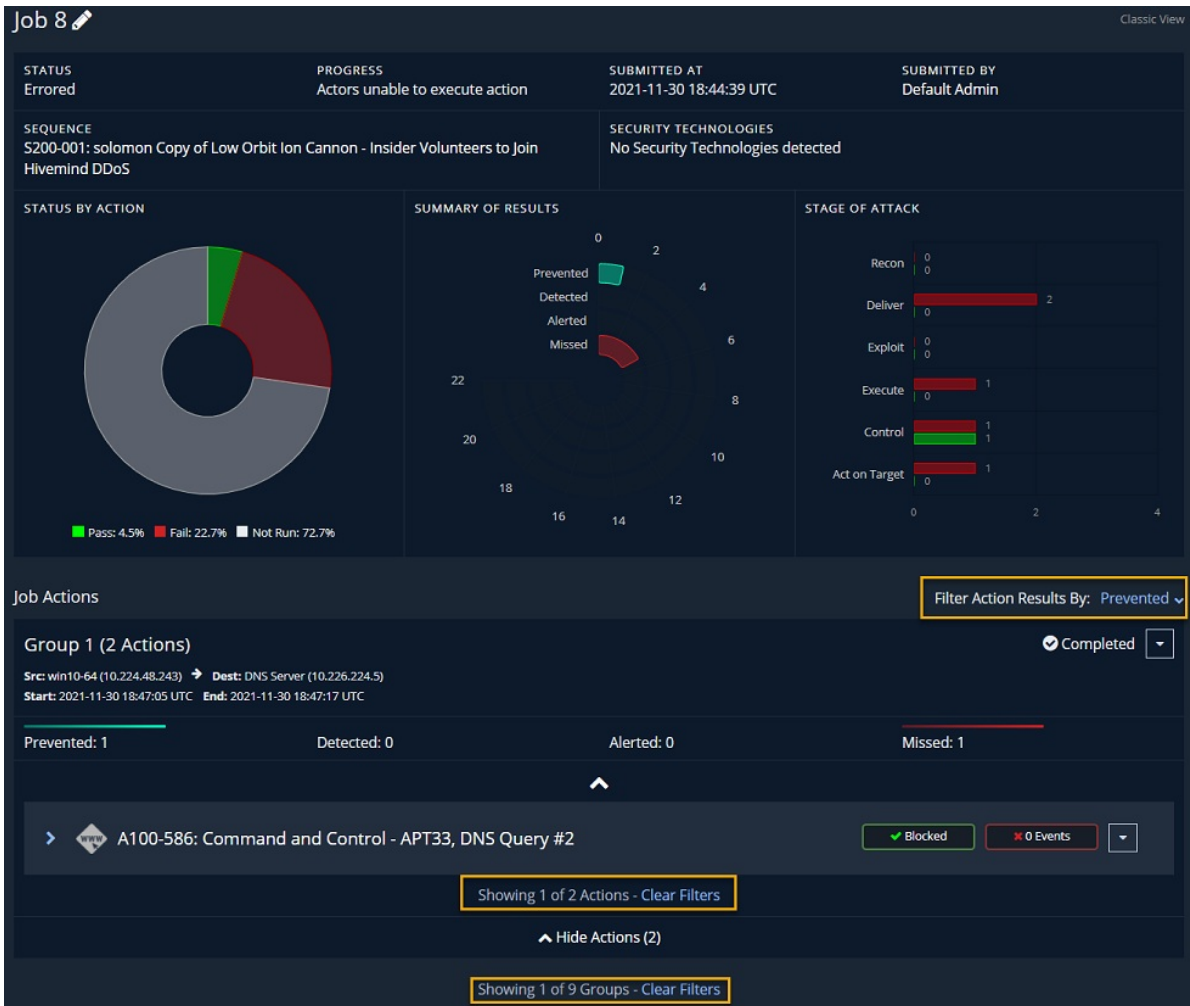
| | |
|---------------|---|
| Recon | 0 |
| Deliver | 2 |
| Exploit | 0 |
| Execute | 1 |
| Control | 1 |
| Act on Target | 1 |

Job Actions

Showing 0 of 9 Groups - Clear Filters

Filter Action Results By: Alerted 

Results of the Alerted filter



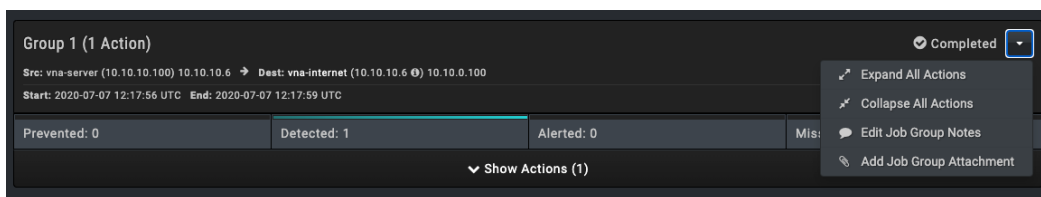
Results of the Prevented filter

When you apply a result type filter, the following displays below each list of Actions and Groups:

- Showing **X** of **Y** Job Actions/Groups (for example, Showing **2** of **2** Actions/Showing **2** of **9** Groups)
- **Clear Filters** (this is a link that resets to the All Results filter)

An expandable menu to the right of the Group completion status lets you:

- Expand all Actions
- Collapse all Actions
- **Edit Job Group notes** (<https://docs.mandiant.com/home/adding-notes-and-attachments-to-jobs#Job>)
- **Edit Job Group attachments** (<https://docs.mandiant.com/home/adding-notes-and-attachments-to-jobs#Job2>)



Job Group heading expandable menu

There's also a Show Actions option which will expand the Group to display basic Action information for each Action in the group:

- Action VID and name (can be clicked to view the Action details)
- Blocked cell that shows Blocked / Not Blocked /Alerted

When the Action is blocked, hovering over the cell provides additional details.



DNS Actions are marked as blocked if they timeout during Job execution.

- Events cell that indicates the detection information, which either shows 0 Events or a Count of Events
 - When there are Events, this cell can be clicked to see the event details.
 - The outline of the cell changes color based on status: **blue** - event timeframe is open, **green** - events fired, **red** - no events
 - While the event matching timeframe is active, hovering over the cell displays how much time remains in the event timeframe
- An Info cell, which may have icons and buttons (see [Action's Info Cell](#) for more details)

The Group level also includes an option to expand or collapse all Action details.

Group 1: Malware Activity (4 Actions) Completed ▼

Src: vna-desktop (10.10.20.100) 10.10.10.6 → Dest: vna-internet (10.10.10.6) 10.10.0.100

Start: 2020-07-01 14:46:55 UTC End: 2020-07-01 14:47:23 UTC

| | | | |
|--------------|-------------|------------|-----------|
| Prevented: 0 | Detected: 4 | Alerted: 0 | Missed: 0 |
|--------------|-------------|------------|-----------|

▲

- ▶ A100-267: Malicious File Download - Bartalex Download
Not Blocked ✔ 1 Events ▼ 🔍
- ▶ A100-867: Command and Control - Bartalex, Instruction Retrieval
Not Blocked ✔ 3 Events ▼ 🔍
- ▶ A100-870: Malicious File Transfer - Vawtrak, Download
Not Blocked ✔ 29 Events ▼ 🔍
- ▶ A100-871: Command and Control - Vawtrak, Instruction Retrieval
Not Blocked ✔ 28 Events ▼ 🔍

▲ Hide Actions (4)

Group 2: Lateral Recon & Movement (3 Actions) Completed ▼

Src: vna-desktop (10.10.20.100) → Dest: vna-server (10.10.10.100)

Start: 2020-07-01 14:47:29 UTC End: 2020-07-01 14:48:06 UTC

| | | | |
|--------------|-------------|------------|-----------|
| Prevented: 2 | Detected: 3 | Alerted: 0 | Missed: 0 |
|--------------|-------------|------------|-----------|

▲

- ▶ A100-140: Scanning Activity - Nmap, Database Port Scan
Blocked ✔ 4 Events ▼ 🔍
- ▶ A100-566: Information Gathering - MS-SQL, Database Account Information Dump
Not Blocked ✔ 4 Events ▼ 🔍
- ▶ A100-056: Remote Desktop Protocol Traffic
Blocked ✔ 2 Events ▼ 🔍

▲ Hide Actions (3)


Jobs Group heading

Action's Info Cell

Each Action has an Info Cell. This cell is located to the right of the Action menu. contains details for the icons and buttons you may see in this cell.

Job Action Info Icons

| Icon | Title | Description |
|------|-------------------|---|
| | Suspicious Events | If events were logged that might match the Action but could not be 100% related. When an event cannot be matched to a Job Action, a Suspicious Event is logged. |
| | Debug | <p>A magnifying glass to view the Action logs, when they are available</p> <div style="background-color: #e0f2f1; padding: 10px; border: 1px solid #ccc; margin-top: 10px;"> <p style="font-size: 0.9em;"> The magnifying glass will only appear if you have enabled Show Debug Links for Jobs (option is listed in User Preferences, access by going to User > User Preferences or if <code>?debug</code> is added to the end of the job results url. </p> </div> |

| Icon | Title | Description |
|---|----------------------------|--|
|  | Block page - no block rule | A clickable triangle to indicate if there was a Block HTTP page that came up and if there is a Block rule in place for that page. The triangle is yellow if no block rule, white if there is a block rule. |
|  | Block page - block rule | |