

# Bandura Cyber GMC Release Notes

This document provides release notes for the Bandura Cyber Global Management Center (GMC).

The complete GMC User Manual can be retrieved from the Bandura Cyber Support Center, located here: <https://helpdesk.banduracyber.com/hc/en-us>.

## RELEASE NOTES

---

**Release:** GMC Build 67, July 28, 2021

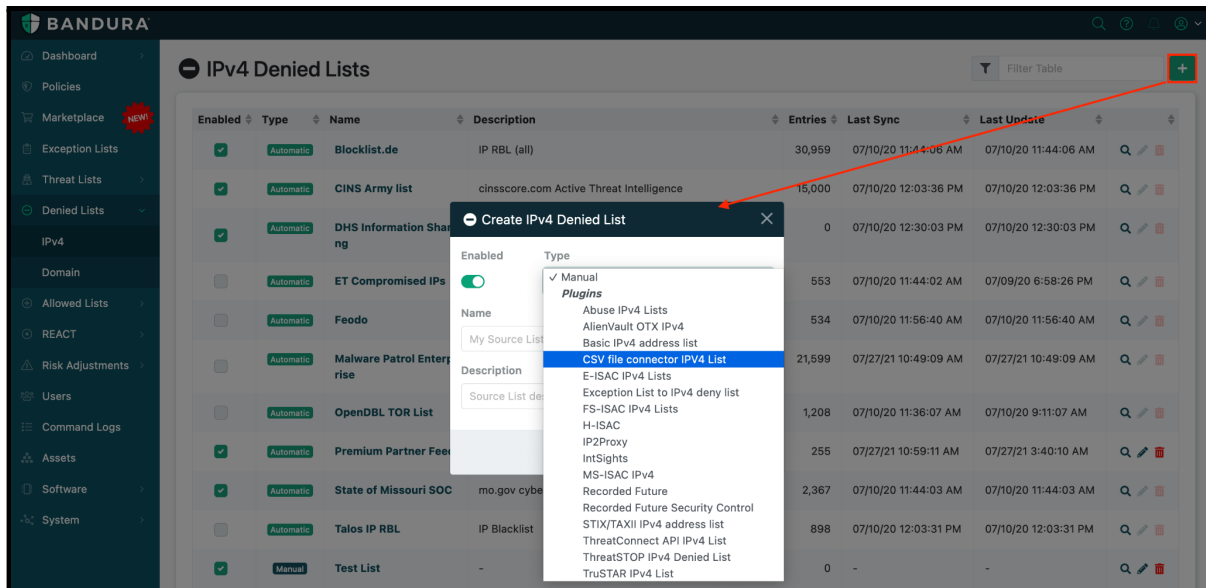
### New Features:

#### CSV File Connectors:

Bandura customers can now create Denied and Allowed Lists using a CSV file to upload IPs or Domains, rather than using an API or manually entering the data.

To utilize a file connector:

1. Choose the desired list type from the left-hand navigation menu (i.e. Denied IPv4):
2. Select the “+” in the top-right corner
3. In the modal, select “CSV file connector list” from the Type drop-down



4. Enter a Name, Description, and Interval
5. Select a file location where the CSV file should be pulled from. Options are:
  - Google Drive
  - One Drive AWS
  - Github

- Any Public Server
- 6. Enter the file url for the location selected
- 7. Select the Create button

#### File Location Notes:

- If pulling from Google Drive: the sharing permission must be set to “Anyone on the internet can view this file”
- If pulling from AWS, Github, or public server: it must be publicly accessible without requiring credentials.

#### CSV File Format Requirements:

- File must use a comma as the delimiter.
- File must have a header row.
  - Header must include a column with the title “ip/maskbit”.
  - Header may include a column with the title “expiredate”
- File must have a column for the IP indicator.
  - The value for each row must contain the IP and Maskbit in the following format: [IP]/[Maskbit]
    - Example of value format - “194.58.73.109/32”
  - If maskbit is not included in this value it will be automatically set to 32.
- File may have a column for an expiration date.
  - In order to include an expiration date, the value for each row must contain the Expire Date for the indicator and must be in the following format: MM/DD/YY HH:MM:SS [AM/PM].
    - Example of value format - “04/16/21 12:00:00AM”
  - Expiration date/time should be specified in UTC.
  - If the second value is “0” or there is no second value, the indicator will not have an expiration date set.
  - Value will be converted to and stored as an integer timestamp upon import of indicators.