**Date: September 9th, 2020**

**Version: 1.0**

| Revision | Date | Changes |
|---|---|---|
| 1.0 | September 9th, 2020 | Initial Release |

The CVE-ID tracking this issue is: CVE-2020-24333
CVSSv3.1 Base Score: 6.5 (CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H)

## Description

This advisory documents the impact of a vulnerability in Arista's CloudVision Portal (CVP). The effect of this vulnerability is that users with "read-only" or greater access rights to the Configlet Management module can download files not intended for access, located on the CVP server, by accessing a specific API. This API can only be accessed by authenticated users.

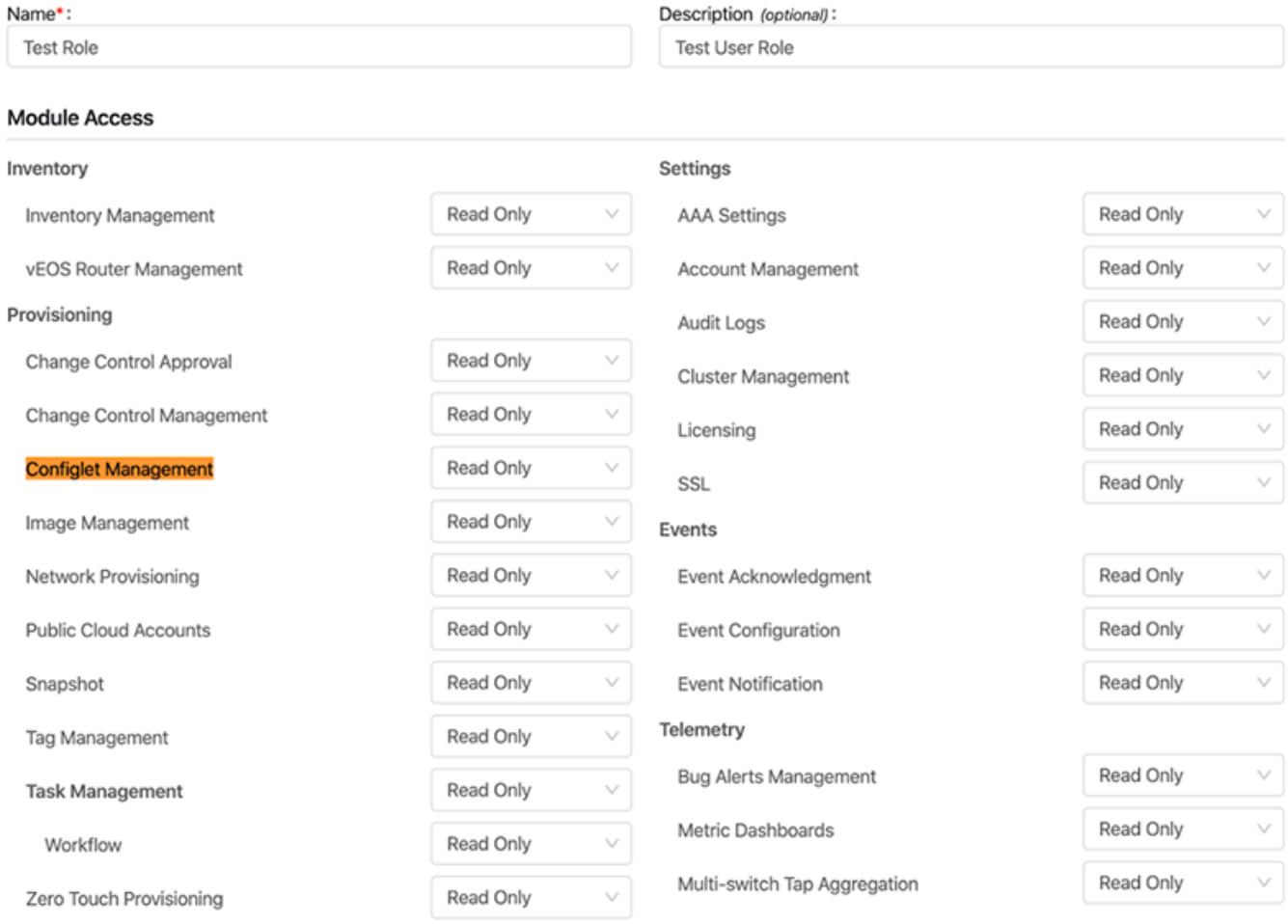
The access rights of a given user are based on the user's assigned role. "network-operators" have "read-only" access rights to all modules (including Configlet Management) and any user with a network-operator role is therefore affected. The "network-admins" role is affected as well due to its access rights to all modules. If a custom role has been configured, the associated access rights can be viewed by opening the /cv/settings/aaa-roles URL on the CVP Web GUI.

Example:
The following steps detail how the access rights for a user "test_user" with role "Test Role" can be viewed from the CVP Web GUI:

1) Check the assigned role(s) for a given user from **/cv/settings/aaa-users:**

| User | First Name | Last Name | Email | Authentication Type | Roles | User Status | Current Status |
|---|---|---|---|---|---|---|---|
| test_user | Filter | Filter | Filter | Filter | Filter | Filter | Filter |
| test_user | | | test_user@domain.com | Local | Test Role | Enabled | Offline |

2) View the access rights of the concerned role from **/cv/settings/aaa-roles:**




This vulnerability was discovered internally and there has been no report of exploitation in the field.

## Vulnerability Assessment

### Affected Software

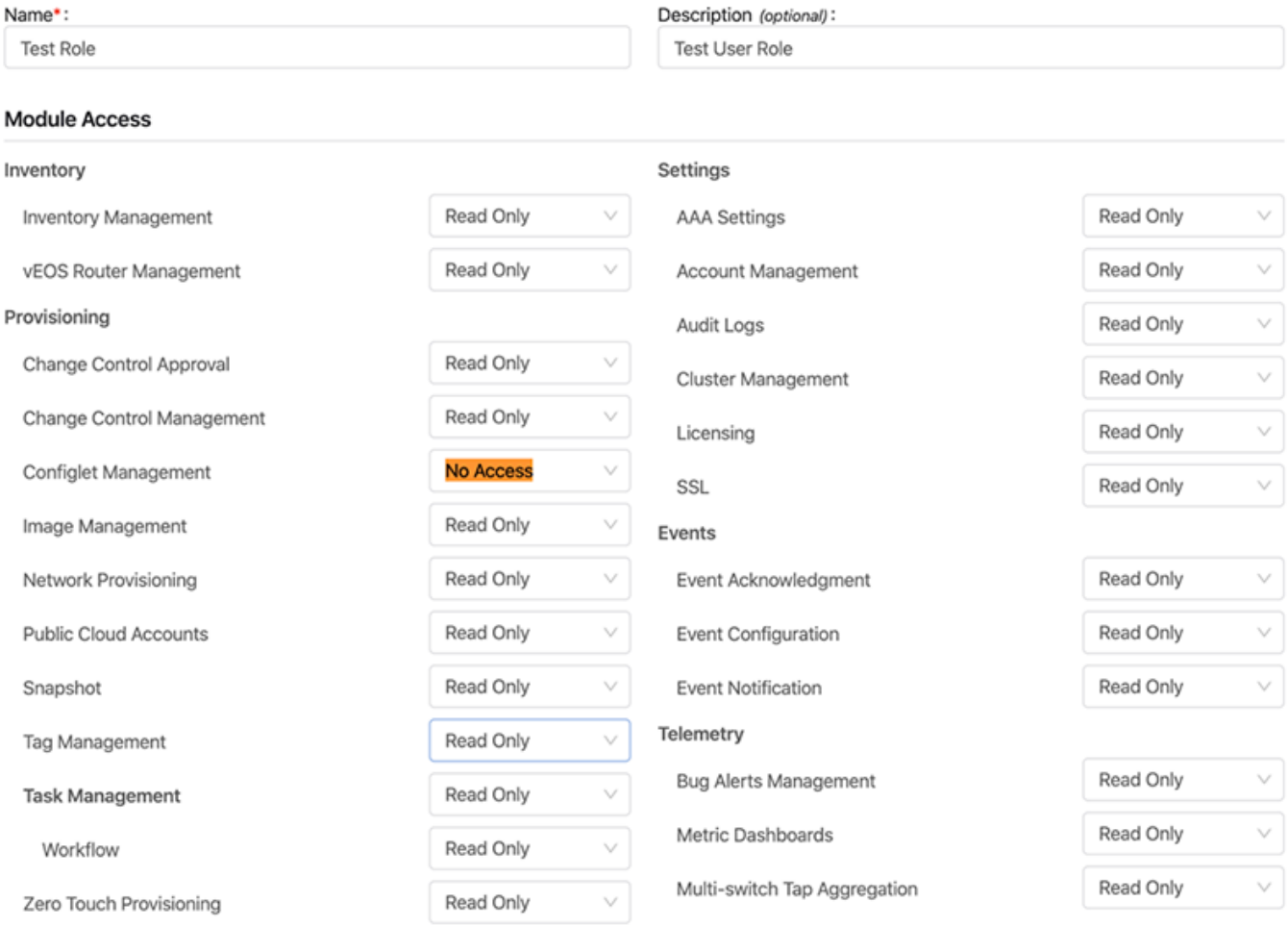
| CloudVision Portal |
| --- |
| All releases prior to 2020.2 |

### Affected Platforms

- This vulnerability affects CloudVision virtual and physical appliances running with the versions identified above.
- The following products are **not affected:**
    - CloudVision as-a-Service
    - EOS running on Arista switching platforms
    - CloudEOS VM / vEOS Router
    - Arista Wireless Access Points
    - Arista 7130 Systems running MOS
    - Big Switch Nodes for BCF and BMF (Arista CCF and DMF)

## Mitigation

For custom roles, access to the Configlet Management Module can be disabled by navigating to **Settings/Access Controls/Roles/Role_name** on the CVP Web GUI and selecting “No Access” as indicated below:




Please note that module access cannot be disabled for default roles “network-operator” and “network-admin”. The above mitigation step applies to custom roles alone. For the resolution, please refer to the next section which lists the details of the remediated software versions.

## Resolution

This vulnerability is being tracked by Bug 502053 and has been addressed in the 2020.1.2, 2020.2.0 and later versions of CloudVision Portal. The recommended resolution is to upgrade to a version of CloudVision Portal with the fix included.

### For More Information:

If you require further assistance, or if you have any further questions regarding this security notice, please contact the Arista Networks Technical Assistance Center (TAC) by one of the following methods:

### Open a Service Request:

By email: support@arista.com
By telephone: 408-547-5502

866-476-0000