

## Procedure to obtain Offline CAM Updates

The following steps can be used when the CAM cannot have connectivity to the Internet in ANY fashion whatsoever. This type of requirement is common in DOD control facilities and federal accounts.

### Step 1:

- 1) Setup a local webserver (Apache/IIS) on the network that is accessible from the CAM. In our example, the CAM's IP address is 192.168.137.14 and the Web server's IP address is 10.2.200.2.

### Step 2:

- 1) From a PC that can access the internet, point your browser to the URLs indicated below and download the "tar.gz" and the corresponding ".txt" files

[http://www.perfigo.com/clean\\_machine\\_1/se-templates.tar.gz](http://www.perfigo.com/clean_machine_1/se-templates.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-se.txt](http://www.perfigo.com/clean_machine_1/version-se.txt)

[http://www.perfigo.com/clean\\_machine\\_1/av-chart.tar.gz](http://www.perfigo.com/clean_machine_1/av-chart.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-ac.txt](http://www.perfigo.com/clean_machine_1/version-ac.txt)

[http://www.perfigo.com/clean\\_machine\\_1/host-policy.tar.gz](http://www.perfigo.com/clean_machine_1/host-policy.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-hp.txt](http://www.perfigo.com/clean_machine_1/version-hp.txt)

[http://www.perfigo.com/clean\\_machine\\_1/os-detection.tar.gz](http://www.perfigo.com/clean_machine_1/os-detection.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-os.txt](http://www.perfigo.com/clean_machine_1/version-os.txt)

[http://www.perfigo.com/clean\\_machine\\_1/switch-oid.tar.gz](http://www.perfigo.com/clean_machine_1/switch-oid.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-sw.txt](http://www.perfigo.com/clean_machine_1/version-sw.txt)

[http://www.perfigo.com/clean\\_machine\\_1/l2-policy.tar.gz](http://www.perfigo.com/clean_machine_1/l2-policy.tar.gz)

[http://www.perfigo.com/clean\\_machine\\_1/version-l2.txt](http://www.perfigo.com/clean_machine_1/version-l2.txt)

### Step 3:

- 1) Copy the files you downloaded to a folder under the root of the webserver. In our example, I am copying the downloaded files to a folder called "nacupdates" under the root directory of my web server (C:\inetpub\wwwroot). Hence the tar.gz/.txt files will eventually reside under C:\inetpub\wwwroot\nacupdates. The URL to access these files on my webserver will be "<http://10.2.200.2/nacupdates/>"

### Step 4:

- 1) Login to the CAM database : SSH into the CAM and run  
`psql -h 127.0.0.1 controlsmartdb -U postgres`

- 2) Run the following query  
`UPDATE smartmanager_conf set prop_value='http://10.2.200.2/nacupdates/' where prop_name='SEBaseURL';`

- 3) Exit the database (\q)
- 4) Reboot the CAM (**mandatory**)

## Step 5:

- 1) Once the CAM is rebooted, go to Device Management >> Clean Access >> Updates, choose the "Updates" tab and click Update. All the Rulesets get updated as shown

### Current Versions of Updates

Cisco Checks & Rules: **30808**

Supported AV/AS Product List: **60**

Default Host Policies: **7**

Default L2 Policies: **2**

OS Detection Fingerprint: **6**

Supported Out-of-Band Switch OIDs: **7**

Windows CCA Agent Upgrade Patch: **4.1.1.0**

L3 Java Applet Web Client: **2.1.0.0**

L3 ActiveX Web Client: **2.1.0.0**

**Note 1:** Once the above procedure is complete, please follow **steps 2 and 3** on a regular basis to ensure that the CAM is updated. So, from a maintenance perspective, one has to just download the tar.gz and the .txt files from the [www.perfigo.com](http://www.perfigo.com) website and place it on the local <http://10.2.200.2/nacupdates/> to keep their Offline CAM updated.

**Note 2:** By default the CAM database is configured to check for the updates under [http://www.perfigo.com/clean\\_machine\\_1/](http://www.perfigo.com/clean_machine_1/). Hence, if one does not want to make changes to the database as described in Step 4, then the other alternative is to modify the local /etc/hosts file such that the DNS resolves to the local web-server for [www.perfigo.com](http://www.perfigo.com). Then, one will have to create a folder called "clean\_machine\_1" under the root directory of the webserver and copy the tar.gz and txt files there