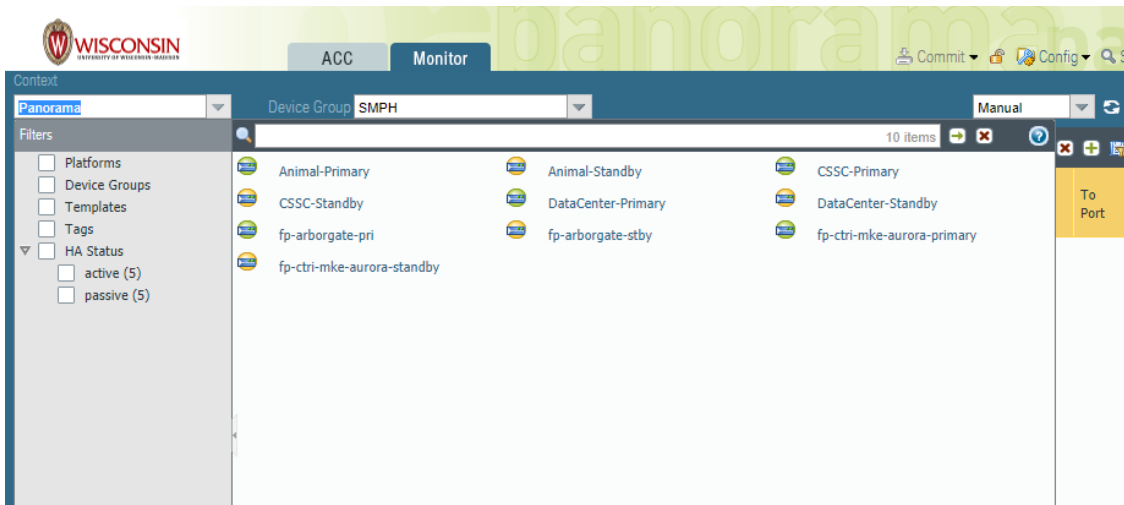


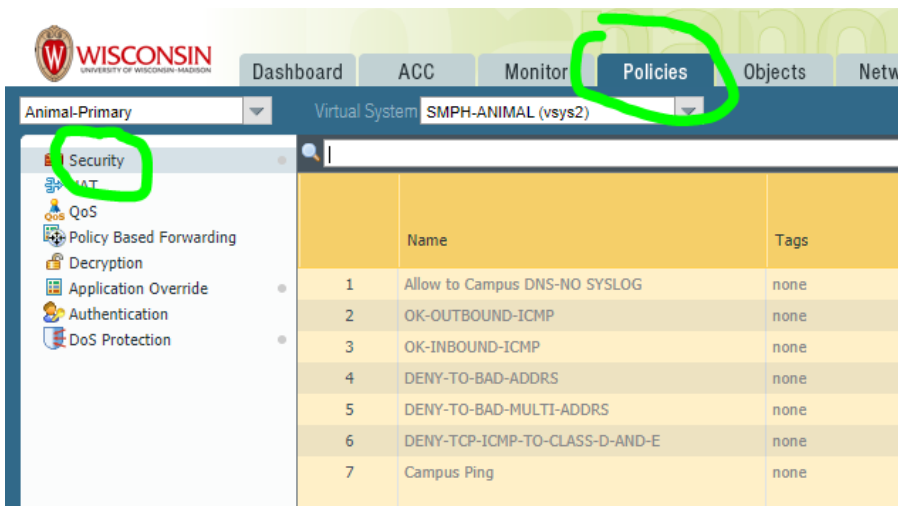
Export firewall rules from Panorama into PDF/CSV

Exporting rules into a CSV/PDF could make it easier to sort/filter, as the filter on Panorama has tricky-to-learn syntax.

1.) Log into Panorama. In the upper-left hand corner beneath the UW-Madison logo, there is a drop down. Click the drop down, then select the firewall of your choice.



2.) Once the page has loaded, click on the **Policies** tab, and in the left-hand panel click on **Security**.



3.) If you know what VLAN number you're trying to view, type the VLAN in the search bar in the <VLAN_number>--<firewall> format (e.g. **822-ANIMAL**), then hit enter. Once the rules have filtered, find the zone that corresponds with the VLAN, and click and drag the **Tag** up to the search bar. You will see the zone filter automatically populate. Delete the VLAN you typed earlier, and then press enter.

822-animal

| | Name | Tags | Type | Zone | Address |
|------|-------------------------|--|-----------|---|----------------------------------|
| 1135 | fc-622-Rule 7-c | OUT-SMPH-BIO... OUT-SMPH-BIO... OUT-SMPH-IS... OUT-SMPH-IS... | universal | SMPH-BIOST... SMPH-BIOST... SMPH-IS_CLI... SMPH-IS_SV... | N-... N-... N-... N-... |
| 1138 | Vlan 822-Rule 42 | IN-SMPH-BIOSTAT_SRV-822-ANIMAL | universal | any | H-... |
| 1139 | Allow Syslog to Servers | IN-SMPH-BIOS... | universal | any | N-... |
| 1140 | Vlan 822-Allow TCP 4506 | IN-SMPH-BIOS... | universal | any | N-... |
| 1141 | Vlan 822-Rule 43 | IN-SMPH-BIOS... | universal | any | H-... |
| 1142 | Vlan 822-BIOVPNCient_IN | IN-SMPH-BIOS... | universal | any | bi... |
| 1143 | Vlan 822-Rule 62 | IN-SMPH-BIOS... | universal | any | bi... |


Virtual System: SMPH-ANIMAL (vsys2)

(tag/member eq 'IN-SMPH-BIOSTAT_SRV-822-ANIMAL') 37

| | Name | Tags | Type | Zone |
|------|-------------------------|-----------------|-----------|------|
| 1138 | Vlan 822-Rule 42 | IN-SMPH-BIOS... | universal | any |
| 1139 | Allow Syslog to Servers | IN-SMPH-BIOS... | universal | any |
| 1140 | Vlan 822-Allow TCP 4506 | IN-SMPH-BIOS... | universal | any |
| 1141 | Vlan 822-Rule 43 | IN-SMPH-BIOS... | universal | any |
| 1142 | Vlan 822-BIOVPNCient_IN | IN-SMPH-BIOS... | universal | any |
| 1143 | Vlan 822-Rule 62 | IN-SMPH-BIOS... | universal | any |
| 1144 | Vlan 822-Rule 65 | IN-SMPH-BIOS... | universal | any |
| 1145 | Vlan 822-globus | IN-SMPH-BIOS... | universal | any |

4.) Now that we have the rules filtered correctly, it's time to export them. Near the bottom of the screen is a line of text with an icon that says **PDF/CSV**. Click that icon to open the Export menu.

| | | | | |
|---|-----------------|-----------|-----|----------------|
| | IN-SMPH-BIOS... | universal | any | H-146.151.222 |
| | | | | G-UW-Madison |
| | IN-SMPH-BIOS... | universal | any | N-128.104.134 |
| | | | | N-128.104.206 |
| | | | | N-144.92.164.6 |
| ▼ | IN-SMPH-BIOS... | interzone | any | any |

☒ Enable
 ☐ Disable
 More ▼
  PDF/CSV
 Highlight Unused Rules
 Reset Rule

Active

Export

File Name: export_policies_security_rulebase_09152021_c Description: Enter Report Description...

File Type: CSV

Page Size: Letter

(tag/member eq 'IN-SMPH-BIOSTAT_SRV-822-ANIMAL') 37 / 2648

| | Name | Tags | Type | Zone | Source | Use |
|------|--------------------------|-----------------|-----------|------|----------------------|-----|
| 1138 | Vlan 822-Rule 42 | IN-SMPH-BIOS... | universal | any | H-144.92.164.73 | |
| 1139 | Allow Syslog to Servers | IN-SMPH-BIOS... | universal | any | N-128.104.140.128-25 | |
| 1140 | Vlan 822-Allow TCP 4506 | IN-SMPH-BIOS... | universal | any | N-128.104.140.128-25 | |
| 1141 | Vlan 822-Rule 43 | IN-SMPH-BIOS... | universal | any | H-128.104.73.146 | |
| 1142 | Vlan 822-BIOVPNClient_IN | IN-SMPH-BIOS... | universal | any | biostat-vpn-clients | |

Show All Columns

Export Cancel

5.) From here, we can further filter the rules (or delete the filter completely and try a different filter), and select between CSV and PDF. Once you have your set choices, click **Export** to download your filtered rules.

Export

File Name: export_policies_security_rulebase_09152021_c Description: Enter Report Description...

File Type: CSV

Page Size: CSV

PDF

(tag/member eq 'IN-SMPH-BIOSTAT_SRV-822-ANIMAL')

If you want to try your hand at filtering the rules using other methods, [this link from Palo Alto](#) shows the entire list of functions available for Rules searches.