

INTRODUCING PANORAMA CONFIGPUMP PLUGIN FOR NETBOX

Open source Configuration Pipeline from Netbox
to Palo Alto Networks Firewalls

github.com/rautanen-io/netbox-panorama-configpump-plugin

WHAT YOU CAN DO WITH IT?

Automate your Firewall configs:

- Address Objects
- Address Groups
- Firewall Rules
- Interfaces
- BGP-peers
- etc.



Netbox data



Configuration Template



Device

Render Config

Templates & Device Groups



Panorama ConfigPump Plugin



Panorama

Templates &
Device Groups



1. Pull from Panorama
2. See the diff
3. Push to Panorama

Power Ports 2 Config Context Render Config Contacts Journal Changelog Panorama Config Diff

Dark

Rendered configuration in NetBox

```
altonetworks" detail-version="11.1.6">
in">

<tcp-mss>
le>no</enable>
st-tcp-mss>
</tag>

1 <config version="11.1.0" urlldb="paloaltonetworks" detail-version="11.1.6">
2   <devices>
3     <entry name="localhost.localdomain">
4       <template>
5         <entry name="MyTemplate1">
44         <adjust-tcp-mss>
45         <enable>no</enable>
46         </adjust-tcp-mss>
47         <tag>2</tag>
48       </entry>
49+      <entry name="ethernet1/1.3">
50+        <sdwan-link-settings>
51+        <upstream-nat>
52+        <enable>no</enable>
53+        <static-ip/>
54+        </upstream-nat>
55+        <enable>no</enable>
56+        <ipv6-enable>no</ipv6-enable>
57+        </sdwan-link-settings>
58+        <ndp-proxy>
59+        <enabled>no</enabled>
60+        </ndp-proxy>
61+        <adjust-tcp-mss>
62+        <enable>no</enable>
63+        </adjust-tcp-mss>
64+        <tag>3</tag>
65+      </entry>
66        </units>
67      </layer3>
68    </entry>
69    <entry name="ethernet1/2">
```

FIND OUT MORE:

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THANK YOU!