ScreenOS: Configure Guest WAP Segment

Product: ScreenOS
Version: Tested Version 6 and up

Network Topology:

Connecting WAP to SSG port ethernet0/6

This removes ethernet0/6 from the default trust bgroup0 for isolation

Description:

Provide a Guest Wireless Access Point (WAP) on a non-wireless enabled SSG firewall. Configured with a security zone guestwifi that has internet access only and no allowed connections to other segments.

Configuration:

1. Create guestwifi security zone
set zone name guestwifi

2. Remove etherent0/6 from bgroup0

3. Assign ethernet0/6 to wifi zone and give ip address 172.16.1.1/24
4. Create policy from guestwifi to untrust with nat for internet access
5. Create dhcp server on guestwifi zone (only if this is not provided on external WAP)
6. WAP Configuration:
   - Configure external WAP with 172.16.1.2/24 address and a default gateway of 172.16.1.1

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> or set the device to dhcp if supported
- Configure the desired wireless security settings on the WAP

Example configuration with comments
How to add comments to Junos configuration

Attach your configuration with confidential information removed and comments added.
Note: For configurations of Juniper products that are based on a GUI interface, it is recommended to put the completed screenshots (with comments) in Powerpoint or Word (and save it as a PDF).

Verification:

Connect on the new wireless segment and confirm internet access.