

ALERT

INCORRECT VLAN ASSIGNMENT WITH ARUBA FIRMWARE 6.3.1.1

DATE: 11.13.2013

VLAN Assignment may not work correctly when running Aruba firmware version 6.3.1.1 (Technology Build) integrated with Network Sentry. Symptoms include, but are not limited to, registered hosts incorrectly assigned to the Registration VLAN instead of Production.

This behavior can occur in an Aruba L2 Roles with VLANs configuration where Network Sentry is not specifying an Aruba Role for a host via a RADIUS Accept packet.

To verify this configuration, view the Model Configuration for the Aruba Controller in Topology View. The Access Value would be set to (None) for the Default Host State. Additionally, there would be no Network Access Policies listed for hosts connecting to these controllers in the Policy Configuration screen.

To verify that Network Sentry is not sending a Role to the controller, view the Radius Accepts via the CLI in the output.master log with RadiusManager debug enabled.

```
RadiusServer accepting client 00:1b:77:3c:83:74 for device 172.21.1.131 and policy NativePolicy ptime=0:0:5:5:24  
RadiusServer accepting client 00:1b:77:3c:83:74 for device 172.21.1.131 and policy NativePolicy ptime=0:0:9:9:23  
RadiusServer accepting client 00:1b:77:3c:83:74 for device 172.21.1.131 and policy NativePolicy ptime=1:1:9:9:22
```

“NativePolicy” indicates a RADIUS Accept packet sent from Network Sentry without an Aruba Role specified.

WORKAROUND

Leverage Network Sentry to specify a Role for the Aruba Controller to assign hosts. This can be done via the Controller’s Model Configuration or Network Access Policies.

SOLUTION

Contact Aruba support.