



Purpose: How to configure the Group Bandwidth Policy feature.

Beginning with version 7.2, you can now create a Group Bandwidth Policy that would assign a bandwidth rate that is shared amongst the users in the group instead of each individual user.

Note: This feature is for radius logins only. Group Bandwidth Policy cannot be set in the internal database of the NSE.

1. Create Radius Vendor-Specific Attributes in user profile.

In the user profile, three new attributes will need to be added.

Nomadix_Group_Bw_Policy_Id Attribute 19, integer

This defines the ID the for the group policy

Nomadix_Group_Bw_Max_Up Attribute 20. integer

This defines the total upstream bandwidth allowed for the group.

Nomadix_Group_Bw_Max_Down Attribute 21, integer

This defines the total downstream bandwidth allowed for the group.

Note: All three attributes must be added to the user's profile in order for these settings to take place.



2. Enable Configuration/Bandwidth Management/Group Policies.

Bandwidth Management

Bandwidth Management Enabled

Group Bandwidth Policies Enabled

Weighted Fair Queueing (WFQ) Enabled

Share Unused Bandwidth

Default Valid Subscriber Max Up Bandwidth (Kbps) [i](#)

Default Valid Subscriber Max Down Bandwidth (Kbps) [i](#)

Once your group users login via Radius, you will be able to see them in the Current Subscribers Table. In the Display there is a new column, Group BW Policy, which is the group Policy ID. The Bandwidth Up/Down will display the settings for that group.

Current Subscribers

Subscriber Idle Timeout:

Note: doesn't apply to Radius subscribers. Factory default: 1200 s

MAC	IP	Port	Room	User Name	Group Bw Policy	Bandwidth Up / Down	Throughput In-Out Up / In-Out Down
00:50:DA:55:47:87	172.30.30.173	0		norm	1	512 / 512	55-55 / 242-242
64:31:50:11:98:A2	10.0.0.18	0		norm	1	512 / 512	50-50 / 201-201