



PacketController Time Based Subscriber

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PacketController Network

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Table of Contents

Overview.....4
Service Plan Creation4
Time Plan Creation5
Add Subscriber6
Log.....7

Overview

Service Agreements often have a time component. PacketController allows this by simply setting up 5 level time options with different time parameters. PacketController then automatically applies the different bandwidth parameters at the times specified.

For example, if you had the requirements:

- From 6:00AM to 7:00PM, the service level is 512Kbps
- From 7:00PM to 6:00AM, the service plan 1024Kbps

Please note that the start time is what PacketController uses to fire off a change. PacketController does not turn off a policy when the off-time states even if there are gaps in your times.

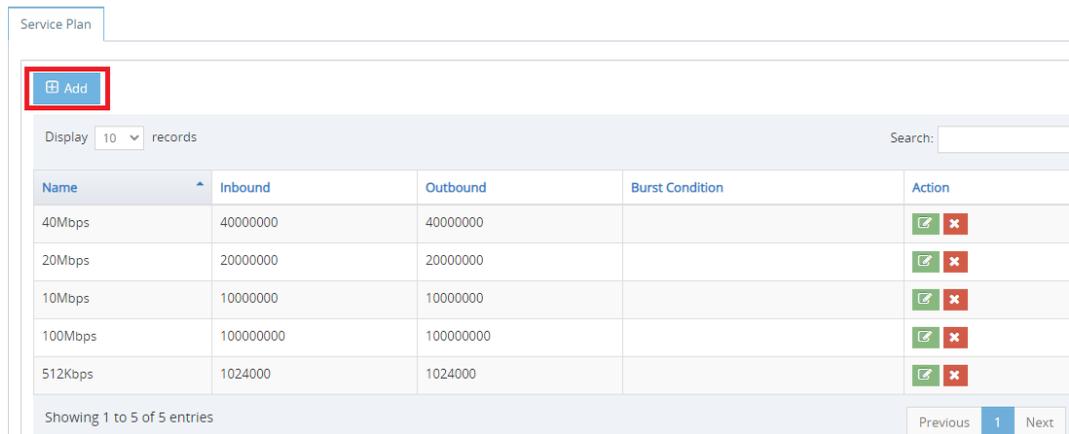
The steps to create time-based bandwidth allocation for subscriber

- Create 2 service plans for 512Kbps and 1024Kbps
- Create time plan with 2 levels
- Level 1:
Service Plan: 512Kbps
Time:6:00AM
- Level 2
Service Plan: 1024Kbps
Time:7:00PM
- Create one subscriber to use this time option

The detailed procedures please see the below

Service Plan Creation

- Click Subscriber -> Service Plan and click **Add** Button



Service Plan

Add

Display 10 records Search:

Name	Inbound	Outbound	Burst Condition	Action
40Mbps	40000000	40000000		 
20Mbps	20000000	20000000		 
10Mbps	10000000	10000000		 
100Mbps	100000000	100000000		 
512Kbps	1024000	1024000		 

Showing 1 to 5 of 5 entries Previous 1 Next

- Input name and bandwidth inbound/outbound
-

Add Service Plan ✕

Name	<input type="text" value="1024Kbps"/>	Priority	<input type="text" value="Priority: 5 (Normal)"/>
Bandwidth Inbound	<input type="text" value="1024000"/>	Bandwidth Outbound	<input type="text" value="1024000"/>
Reserved Bandwidth	<input type="text"/>	Total Bandwidth	<input type="text" value="No"/>
Burst Inbound	<input type="text"/>	Burst Outbound	<input type="text"/>
Burst Condition	<input type="text" value="None"/>	Burst Timeout	<input type="text"/>
Unburst	<input type="text"/>	PPS Inbound	<input type="text"/>
PPS Outbound	<input type="text"/>		

- Click **Save** button
- Repeat the procedures to add service plan 1024Kbps

Notes: The parameter of bandwidth inbound/outbound is bps.

Time Plan Creation

- Click Subscriber -> Time Plan and click **Add** Button

Time Plan

Display records Search:

Name	Times	Service Plans	Action
10Mday20Mnight	8:00am,6:00pm	10Mbps,40Mbps	<input type="button" value="edit"/> <input type="button" value="delete"/>

Showing 1 to 1 of 1 entries

- Input name and select Days, then select Time Option 1/2 and Service Plan 1/2 as below

Add Time Plan ✕

Name

Days Select All

Time Option 1	<input type="text" value="6:00am"/>	Service Plan 1	<input type="text" value="512Kbps"/>
Time Option 2	<input type="text" value="7:00pm"/>	Service Plan 2	<input type="text" value="1024Kbps"/>
Time Option 3	<input type="text" value="None"/>	Service Plan 3	<input type="text" value="None"/>
Time Option 4	<input type="text" value="None"/>	Service Plan 4	<input type="text" value="None"/>
Time Option 5	<input type="text" value="None"/>	Service Plan 5	<input type="text" value="None"/>

- Click **Save** button

Add Subscriber

- Click Subscriber-> Subscriber, select the port and then click **Add** button

Subscriber

Port: em0 | Default View | **Add**

Display: 10 records | Search:

Name	Type	Plan	IP Address	MAC	Notes	Speed	Action
user3	Service Plan	40Mbps	172.16.0.0/24			0 / 0	    
user2	Service Plan	100Mbps	192.168.0.0/24 192.168.1.0/24 192.168.2.0/24 192.168.3.0/24			0 / 0	    
user1	Service Plan	512Kbps	192.168.0.225			0 / 0	    

Showing 1 to 3 of 3 entries | Previous | 1 | Next

- Please fill in the forms of this user as below, select **Time Plan** in Plan Type dropdown and **Day512Knight1M** in Service Plan dropdown

Add Subscriber ×

Name: Premium: TCP Optimization:

Email: Password:

Plan Type: Time Plan | Time Plan: **10Mday20Mnight**

Group Type:

MAC Address:

VLAN:

IP Address:

Notes: Select TCP Optimization for subscriber in most case.

- Click **Save** button
- Now the policies for this user has been automatically created, check QoS -> QoS Policy

Display: 10 records | Search:

ID	Name	IP	Group	App	Service Plan	Speed	Action
40150	timeuser				512Kbps	0 / 0	  
40151		10.10.10.5	timeuser			0 / 0	  
40152		10.10.10.8	timeuser			0 / 0	  

Notes: When the policies generated, the service plan 1 in time plan is set as the default service plan.

Log

To view the Time Plan log, click **Log & Report**->**Audit Log** and check **Time Plan Log** tab

Operation Log | Logon Log | API Log | Group Tiered Log | **Time Plan Log**

All Users/Groups

Display records

Name	Time	Service Plan
LTE-5571	2020-12-25 10:30:27	2Mbps
LTE-5570	2020-12-25 10:30:27	2Mbps

Showing 1 to 2 of 2 entries