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# gwc-v1.0-pre3



2006. 2. 20

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# what is netadm project ?

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- ④ netadm project provides network solution about QoS, Flow control, IPS. we are aimed to make these solution comparable with other commercial's.
- ④ homepage
  - <http://netadm.sourceforge.net>
- ④ member:
  - Jeho Park, linuxpark.netadm@gmail.com, QoS, flow control
  - George hwang, ep8kha@hotmail.com, IDS
  - Kwankyung Moon, bosaly@gmail.com, IDS, IPS, viruswall

# what is diffenence from gwc-v1.0-pre2

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## @ start/stop gwc with more reasonable method

- current) gwc can be started or stoped only with gwc script
- this problem will be modified

## @ Replace current packet/sec rate to Kbps,Mbps in “flow control”

## @ Dont’s drop the packet which arrived over than specified rate but just scheduling or delaying it to transfer.

## @ More detailed packet filtering

- support either source or destination IP address or BOTH
  - current) src IP ----->
  - pre3) any or src IP -----> any or dst IP
- user specified protocol
  - support OSI 3 layer protocol as default ex) TCP, UDP, ICMP etc
  - support user specified OSI 3 protocol
  - support application protocol as default ex) TELNET, FTP, HTTP
  - support user specified application protocol

# Expected GUI of gwc-v1.0-pre3



monitoring		QoS		flow control	
service protocol					
name	L3	port		add	
any	*	*			
TCP-all	TCP	*		del	
HTTP	TCP	80			
network object					
name	IP		add		
any	0.0.0.0				
DMZ1	210.254.10.0		del		
flow					
name	value	unit		add	
block	0	mbps			
dmz-flow	100	kbps		del	
policy					
name	source	svc	dest	svc	flow
DMZ	any	any	DMZ1	HTTP	dmz-flow
					del
					apply
exit					

any/any <--- TCP ---> 210.254.10.0/80  
100kbps

DMZ

# when will the gwc-v1.0-pre3 be released?

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@ may be 2006. 3

# when will the gwc-v0.1 be released?

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@ gwc-v0.1 will be released after gwc has some more functionalities below

- support IDS.
- support basic IPS functionality.
  - interact between flow control and IDS

# TODO after releasing gwc-v0.1

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- flow control
  - bug fix and make stable version.
  - research current QoS algorithm and DiffServ.
  - replace current QoS or upgrade.
  - support graphic statistics.
- IDS & IPS
  - research about more flexible upgrade of IDS engine.
  - support graphic statistics.
  - support user proxy which will be check virus.
  - etc

@ detail : <http://netadm.sf.net/todo.html>