# 579.https://stackoverflow.com/questions/69727848/mft-rule-which-filters-packet-by-ip-length

**T:**MFT rule which filters packet by ip length

**Q:**I want to create a rule which can accept only these packets which have ip length greater than 2000  
  
so I have my table (my\_table) and chain(my\_chain)and I am trying something like this:  
  
sudo nft add rule inet my\_table my\_chain ip length > 2000 counter accept  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
but I've got the error:  
  
`-bash: 2000: No such file or directory  
  
I believe that there is a problem with '<'. How can I rewrite this rule without using comparison operators? Cause this is working:  
  
sudo nft add rule inet my\_table my\_chain ip length != 2000 counter accept  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
but it has different meaning

2 **Answer**

**A1:**ok so ip length != 1-2000 is working

**A2:**The shell interprets > as a redirect, so it needs to be escaped with a backslash.  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
sudo nft add rule inet my\_table my\_chain ip length \> 2000 counter accept  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]