



pfSense ???????IP????BT?Emule ?????????????????BT?Emule ?????????????????port????????????????????IP? ???????

??Firewall: Aliases ??

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Firewall: Aliases: Edit

| | | | | | |
|--|---|----|-------------|--------------|---|
| Name | test 创建自定义名称 | | | | |
| The name of the alias may only consist of the characters a-z, A-Z and 0-9. | | | | | |
| Description | | | | | |
| You may enter a description here for your reference (not parsed). | | | | | |
| Type | Host(s) 根据情况选择类型, 这里我对单一的主机进行流量限制 | | | | |
| Host(s) | <p>Enter as many hosts as you would like. Hosts should be expressed in their ip address format.</p> <table border="1"> <tr> <td>IP</td> <td>Description</td> </tr> <tr> <td>192.168.0.56</td> <td>Entry added Mon, 23 Feb 2009 18:48:56 +0800</td> </tr> </table> <p>输入主机的IP地址</p> | IP | Description | 192.168.0.56 | Entry added Mon, 23 Feb 2009 18:48:56 +0800 |
| IP | Description | | | | |
| 192.168.0.56 | Entry added Mon, 23 Feb 2009 18:48:56 +0800 | | | | |
| <input type="button" value="Save"/> <input type="button" value="Cancel"/> | | | | | |

?? Firewall: Shaper: Queues ??

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Firewall: Shaper: Queues: Edit

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|----|---|----|--|---|--|--|------|--|--|--|--|------|---|--------------------------------------|--|--|--|--|
| Scheduler Type | Hierarchical Fair Service Curve queuing | | | | | | | | | | | | | | | | | | | | | | |
| Bandwidth | 1 | % | Choose the amount of bandwidth for this queue | | | | | | | | | | | | | | | | | | | | |
| Priority | 2 | For hfscc, the range is 0 to 7. The default is 1. Hfscc queues with a higher priority are preferred in the case of overload. | | | | | | | | | | | | | | | | | | | | | |
| Name | qPenaltyDown-0 自定义描述名 | Enter the name of the queue here. Do not use spaces and limit the size to 15 characters. | | | | | | | | | | | | | | | | | | | | | |
| Scheduler options | <input type="checkbox"/> Default queue <input type="checkbox"/> ACK/low-delay queue. At least one queue per interface should have this checked. <input checked="" type="checkbox"/> Random Early Detection <input type="checkbox"/> Random Early Detection In and Out <input checked="" type="checkbox"/> Explicit Congestion Notification <input type="checkbox"/> This is a parent queue Select options for this queue | | | | | | | | | | | | | | | | | | | | | | |
| Service Curve (sc) | <table border="1"> <tr> <td></td> <td>m1</td> <td>d</td> <td>m2</td> <td>输入控制的大小</td> </tr> <tr> <td><input checked="" type="checkbox"/> Upperlimit:</td> <td></td> <td></td> <td>80Kb</td> <td>The maximum allowed bandwidth for the queue.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Real time:</td> <td></td> <td></td> <td>80Kb</td> <td>The minimum required bandwidth for the queue.</td> </tr> <tr> <td><input type="checkbox"/> Link share:</td> <td></td> <td></td> <td></td> <td>The bandwidth share of a backlogged queue - this overrides priority.</td> </tr> </table> <p>The format for service curve specifications is (m1, d, m2). m2 controls the bandwidth assigned to the queue. m1 and d are optional and can be used to control the initial bandwidth assignment. For the first d milliseconds the queue gets the bandwidth given as m1, afterwards the value given in m2.</p> | | | | m1 | d | m2 | 输入控制的大小 | <input checked="" type="checkbox"/> Upperlimit: | | | 80Kb | The maximum allowed bandwidth for the queue. | <input checked="" type="checkbox"/> Real time: | | | 80Kb | The minimum required bandwidth for the queue. | <input type="checkbox"/> Link share: | | | | The bandwidth share of a backlogged queue - this overrides priority. |
| | m1 | d | m2 | 输入控制的大小 | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Upperlimit: | | | 80Kb | The maximum allowed bandwidth for the queue. | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Real time: | | | 80Kb | The minimum required bandwidth for the queue. | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Link share: | | | | The bandwidth share of a backlogged queue - this overrides priority. | | | | | | | | | | | | | | | | | | | |
| Parent queue: | qlanRoot | | | | | | | | | | | | | | | | | | | | | | |
| <input type="button" value="Save"/> <input type="button" value="Cancel"/> | | | | | | | | | | | | | | | | | | | | | | | |

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Firewall: Shaper: Queues

 The traffic shaper configuration has been changed. You must apply the changes in order for them to take effect. **Apply changes**

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Firewall: Shaper: Queues: Edit

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|----|--|---|--|--|------|--|--|--|--|------|---|--------------------------------------|--|--|--|--|--|--|
| Scheduler Type | Hierarchical Fair Service Curve queuing | | | | | | | | | | | | | | | | | | | | | | |
| Bandwidth | 1 | % | Choose the amount of bandwidth for this queue | | | | | | | | | | | | | | | | | | | | |
| Priority | 2 | For hfsc, the range is 0 to 7. The default is 1. Hfsc queues with a higher priority are preferred in the case of overload. | | | | | | | | | | | | | | | | | | | | | |
| Name | qPenaltyUp-0 Enter the name of the queue here. Do not use spaces and limit the size to 15 characters. | | | | | | | | | | | | | | | | | | | | | | |
| Scheduler options | <input type="checkbox"/> Default queue <input type="checkbox"/> ACK/low-delay queue. At least one queue per interface should have this checked. <input checked="" type="checkbox"/> Random Early Detection <input type="checkbox"/> Random Early Detection In and Out <input checked="" type="checkbox"/> Explicit Congestion Notification <input type="checkbox"/> This is a parent queue Select options for this queue | | | | | | | | | | | | | | | | | | | | | | |
| Service Curve (sc) | <table border="1"> <tr> <td></td> <td>m1</td> <td>d</td> <td>m2</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Upperlimit:</td> <td></td> <td></td> <td>50Kb</td> <td>The maximum allowed bandwidth for the queue.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Real time:</td> <td></td> <td></td> <td>30Kb</td> <td>The minimum required bandwidth for the queue.</td> </tr> <tr> <td><input type="checkbox"/> Link share:</td> <td></td> <td></td> <td></td> <td>The bandwidth share of a backlogged queue - this overrides priority.</td> </tr> </table> | | m1 | d | m2 | | <input checked="" type="checkbox"/> Upperlimit: | | | 50Kb | The maximum allowed bandwidth for the queue. | <input checked="" type="checkbox"/> Real time: | | | 30Kb | The minimum required bandwidth for the queue. | <input type="checkbox"/> Link share: | | | | The bandwidth share of a backlogged queue - this overrides priority. | The format for service curve specifications is (m1, d, m2). m2 controls the bandwidth assigned to the queue. m1 and d are optional and can be used to control the initial bandwidth assignment. For the first d milliseconds the queue gets the bandwidth given as m1, afterwards the value given in m2. | |
| | m1 | d | m2 | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Upperlimit: | | | 50Kb | The maximum allowed bandwidth for the queue. | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Real time: | | | 30Kb | The minimum required bandwidth for the queue. | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Link share: | | | | The bandwidth share of a backlogged queue - this overrides priority. | | | | | | | | | | | | | | | | | | | |
| Parent queue: | qwanRoot | | | | | | | | | | | | | | | | | | | | | | |

Save **Cancel**

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Firewall: Shaper: Queues

 The traffic shaper configuration has been changed. You must apply the changes in order for them to take effect. **Apply changes**

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| | | | | |
|---------|---|----|-----|----------------|
| RED ECN | 2 | No | 1 % | qPenaltyDown-0 |
| RED ECN | 2 | No | 1 % | qPenaltyUp-0 |

?? Firewall: Shaper: Rules ??

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Firewall: Shaper: Rules: Edit

| | |
|----------------------|--|
| Target | Outbound Queue 13 (qPenaltyDown-0) / Inbound Queue 14 (qPenaltyUp-0) |
| Disabled | <input type="checkbox"/> Disable this rule Set this option to disable this rule without removing it from the list. |
| In Interface | WAN Choose which interface packets must pass in to match this rule. |
| Out Interface | LAN Choose which interface packets must pass out to match this rule. |
| Protocol | any Choose which IP protocol this rule should match. Hint: in most cases, you should specify TCP here. |

| | |
|-------------------------------|--|
| Source | <input type="checkbox"/> not Use this option to invert the sense of the match. Type: any Address: [redacted] / 31 |
| Source port range | from: any to: any Specify the port or port range for the source of the packet for this rule. Hint: you can leave the to field empty if you only want to filter a single port |
| Destination | <input type="checkbox"/> not Use this option to invert the sense of the match. Type: Single host or alias Address: test [redacted] / 31 这里填写刚刚创建的 alias |
| Destination port range | from: any to: any Specify the port or port range for the destination of the packet for this rule. Hint: you can leave the to field empty if you only want to filter a single port |

2?????????????Firewall: Shaper: Rules ?==> ??????????? ?+??

Firewall: Shaper: Rules: Edit

| | |
|----------------------|--|
| Target | Outbound Queue 14 (qPenaltyUp-0) / Inbound Queue 13 (qPenaltyDown-0) |
| Disabled | <input type="checkbox"/> Disable this rule Set this option to disable this rule without removing it from the list. |
| In Interface | LAN Choose which interface packets must pass in to match this rule. |
| Out Interface | WAN Choose which interface packets must pass out to match this rule. |
| Protocol | any Choose which IP protocol this rule should match. Hint: in most cases, you should specify TCP here. |

| | |
|-------------------------------|--|
| Source | <input type="checkbox"/> not Use this option to invert the sense of the match. Type: Single host or alias Address: test / 31 |
| Source port range | from: any 31 to: any 31 Specify the port or port range for the source of the packet for this rule. Hint: you can leave the 'to' field empty if you only want to filter a single port |
| Destination | <input type="checkbox"/> not Use this option to invert the sense of the match. Type: any Address: test / 31 |
| Destination port range | from: any 31 to: any 31 Specify the port or port range for the destination of the packet for this rule. Hint: you can leave the 'to' field empty if you only want to filter a single port |

3????????? ?Firewall: Shaper: Rules? ???????2????

| | | | | | |
|----------|---|------|------|-----------------------------|------------|
| WAN->LAN | * | * | test | qPenaltyDown-0/qPenaltyUp-0 | Penalty ip |
| LAN->WAN | * | test | * | qPenaltyUp-0/qPenaltyDown-0 | Penalty ip |

??IP????????????????????????????????????IP????????????IP?????????????????????Firewall: Aliases ??type????????????