MEDIATEK

Port Bind command usage

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Document Revision History

Revision	Date	Author	Description

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1   portbindcmd enable/disable

PortBind on/off command。

【DESCRIPTION】This command enables/disables Port Bind function.

【USAGE】

portbindcmd enable/disable

【PRECODITION】tcportbind.ko module is loaded。

【PARAMETERS】

Parameters	Usage	Notice
enable/disable	enables/disables Port Bind function	compulsory

【NOTICE】

None.

【EXAMPLE】

portbindcmd enable

portbindcmd disable

2　portbindcmd addgroup

Add port bind group function。

【DESCRIPTION】This command adds new ports into a port bind group.

【USAGE】

portbindcmd addgroup {group id} {port} {port type}

【PRECODITION】tcportbind.ko module is loaded。

【PARAMETERS】

Parameters	Usage	Notice
group id	port bind group id range:0~63 according to CT COM requirement. range:0~15 according to other customers' requirement.	compulsory
port	group port e.g.: eth0.1,nas1_0	compulsory
port type	possible values: I,O according to CT COM requirement this parameter is not necessary according to other customers' requirement.	compulsory

【NOTICE】

1. Applied in routing and bridge mode.

2. According to CT COM reqirements, 'port type'parameter must be specified, possible value of which are 'I" and 'O'. However, according to other customers' requirement, this parameter is not necessary.

【EXAMPLE】

portbindcmd addgroup 0 eth0.1,nas1_0 I,O (CT COM requirement)

portbindcmd addgroup 1 eth0.1,nas0 (other requirement)

3   portbindcmd delgroup

Delete port bind group。

【DESCRIPTION】This command deletes port(s) from a port bind group

【USAGE】

portbindcmd delgroup {group id}

【PRECODITION】tcportbind.ko module is loaded.

【PARAMETERS】

Parameters	Usage	Notice
group id	port bind group id range:0~63 according to CT COM requirement. range:0~15 according to other customers' requirement.	compulsory

【NOTICE】

1. Applied in routing and bridge mode.

2. Port info will no longer exist after this command is executed.

【EXAMPLE】

portbindcmd delgroup 1

4   portbindcmd addroute

Add policy route function。

【DESCRIPTION】Adding policy route for specific LAN port。

【USAGE】

portbindcmd addroute {lan if} {wan if} {wan gateway}

【PRECODITION】Policy route is configured in kernel.

【PARAMETERS】

Parameters	Usage	Notice
lan if	lan interface with specific policy route, only one allowed e.g.: eth0.1、eth0.2	compulsory
wan if	wan interface with specific policy route, only one allowed e.g.: nas1、nas0	compulsory
wan gateway	wan interface gateway with specific policy route, only one allowed	compulsory

【NOTICE】

1. Applied in routing Mode.

2. The packet from specific LAN port will be sent out through specified WAN interface with policy route.

【EXAMPLE】

portbindcmd addroute eth0.1 nas1 192.168.20.1

5   portbindcmd delroute

Delete policy route function.

【PRECODITION】Delete policy route for specific LAN port.

【USAGE】

portbindcmd delroute {lan if}

【PRECODITION】Policy route is configured in kernel.

【PARAMETERS】

Parameters	Usage	Notice
lan if	lan interface with specific policy route, only one allowed e.g.: eth0.1、eth0.2	compulsory

【NOTICE】

1. Applied in routing Mode.

2. Delete policy route for specific LAN port.

【EXAMPLE】

portbindcmd delroute eth0.1