

NAME

dcb-apptrust – show / configure per-selector trust and trust order of the application priority table of the DCB (Data Center Bridging) subsystem

SYNOPSIS

dcb [*OPTIONS*] **apptrust** { *COMMAND* | *help* }

dcb apptrust show dev DEV [**order**]

dcb apptrust set dev DEV [**order** *SEL-LIST*]

SEL-LIST := [*SEL-LIST*] *SEL*

SEL := { *ethtype* | *stream-port* | *dgram-port* | *port* | *dscp* | *pcp* }

DESCRIPTION

dcb apptrust is used to configure per-selector trust and trust order of the Application Priority Table, see **dcb-app**(8) for details on how to configure app table entries.

Selector trust can be used by the software stack or drivers (most likely the latter) when querying the APP table, to determine whether an APP entry should take effect. Additionally, the order of the trusted selectors dictates which selector should take precedence, in the case of multiple different APP table selectors being present.

COMMANDS

show Displays all trusted selectors.

set Sets a new list of trusted selectors. An empty list is effectively the same as removing trust entirely.

PARAMETERS

The following describes only the write direction, i.e. as used with the **set** command. For the **show** command, the parameter name is to be used as a simple keyword without further arguments. This instructs the tool to show the values of a given parameter.

order *SEL-LIST*

SEL-LIST is a space-separated list of selector names. Possible selector values are: **ethtype**, **stream-port**, **dgram-port**, **port**, **dscp**, and **pcp**

EXAMPLE & USAGE

Set trust order to: dscp, pcp for eth0:

```
# dcb apptrust set dev eth0 order dscp pcp
```

Set trust order to: port (stream or dgram), pcp, ethtype for eth1:

```
# dcb apptrust set dev eth1 order port pcp ethtype
```

Show what was set:

```
# dcb apptrust show dev eth0
order: port pcp ethtype
```

EXIT STATUS

Exit status is 0 if command was successful or a positive integer upon failure.

SEE ALSO

dcb(8), **dcb-app(8)**

REPORTING BUGS

Report any bugs to the Network Developers mailing list <netdev@vger.kernel.org> where the development and maintenance is primarily done. You do not have to be subscribed to the list to send a message there.

AUTHOR

Daniel Machon <daniel.machon@microchip.com>