The DCCP Service Code

draft-ietf-dccp-serv-codes-00

Presentation to DCCP WG
IETF-69, Chicago, 2007

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DCCP Service Codes

Describe usage by DCCP
Motivate setting of Service Codes by applications
Implementation details
Allocates some code points for testing
Updates description in RFC4340
Changes in rev -00

WG draft (replaces -03)

- Responded to comments from F Gont and I McDonald
- Merged some sections to remove repetition and clarify wording
- Added a test to detect server behaviour
- Added some speculative text on how to implement the SC
- Added an informative appendix on host configuration
Section 4: Implementation

3 levels of support:

Minimal Support (only SC:0)
- NOT RECOMMENDED for general use

Standard Support (any SC)
- well-known ports (default SC), socket API
- RECOMMENDED

Enhanced Support (Flexible SC)
- could be a modified “inetd”
For next revision

Please read

Still work to be done!

IANA: Add decimal service code points
Are 3 Levels of support the correct way to go?
Like to know from people with implementation intentions....

get_port_and_service_code_by_name(char *service)
char *get_service_code_by_number(unsigned sc)
getaddrrinfo()
etc...