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IP port -vs- UNIX socket difference on - IP stack is 20-30% slower on MySQL

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MySQL is allowing user sessions connections via IP port and UNIX socket on Linux systems. However, curiously connecting via UNIX socket is delivering up to 30% higher performance comparing to IP local port (loopback).. – any reason for this? and be “loopback” code improved to match the same level of efficiency as UNIX socket? can the same improvements make over all IP stack to be more efficient?

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Yes

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Primary author: KRAVTCHUK, Dimitri

Presenter: KRAVTCHUK, Dimitri

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