



000000 00 0000 000000000000 0000 0 000000 00000000 000000 000 0000 SDN :000000 00000000 0000 00000000
 .000000 0000 00 00000 000000000000 0 0000 00000 000000000000 0 000000000 00000000 00000000 00000000

00000000 00000000 00000000 00000000 00 00000000 00 00 00000000 000000 00000000 00 000000 000 00000000
 00000000 0 0000000 00000000 0000 00000000 000 00000 000 API 0 000000000 0000000000000000 00000000 00000000
[0000 SDN 00000000 0000](#) .00000 0000000 000000000000 00000000 00000000 00000000 00 00 00000 000000000 0 000000000
 .00000000 00000000 00 00000 000000000 0 000000000000 000000000000 0 00000 00 0000000000 00 00000000 00 [00000000](#)
 00000 00000 0000000000000 0 00000000000000 00 0000000 0000000000 00000000 00000000 0 0000000000 000000 000 00
 00000 0000000 0000000000 00 0000000 00 000000000 0000 00 00 000000000 0 00000000 000000000000 0 00000 0000
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 0000 00 0000 000000000 00000000 00000000 00 000000 00000000 00 000000 00000000 0000000 00000 00 0000 .0000000 000000 0000
 0000000000 [0000000000 00 0000000 0000000000](#) 00000000 0000000000 0 0000000 00000000 0000000000 0 000000 00000000 000000
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QUESTION

0000000 000 .0000 0000000 000 00 0000 000 00000000 (1) :0000 000 0000 00000 00 SDN 0000 000 00
 00000000 0000 00 0000 0000000 0000 000000 00000 0000 0000 000 0 0000 000000 0000000 0 0000 0000 00000
 0000000000 0000000 00 00 000000 00 0000000 000 0000 000000000 (2) .000 0000000 000 00 000 00000
 .000 0000000 00 0000000 000 0000000000 0000 00000000 0000000 0000 00 00000000



SDN *
TU Berlin
(
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Deutsche Telekom, The Berlin Institute For Software Defined
SDN Stacktile Networks
Aalborg University and TU Berlin SDN IBM and NorduNet
SDN ISP



0000 0000000000 0 000 00000 :000000000000 0000 000000

00000 00000000 0 00000 00 00 00000 00 000000 000 00000000 00000 00 **SDN** 00000 *
0000

00 000 000000 0000 0000 000 00 0 000000 000000 0 000000 0000 00 00000 000000 0000 0000 00 000000 0000
00 00000000 0000 0000 00 .00 0000000 000000 000000 000000 00 0000 00 0000000000 0000 00000 0000 000000
0000 00 .000000 000000 00000 00000000 00000 0000000000 00000 0 00000 0000000 0 00000 0000000 00000 000000
0 000000000 00000 000000 00 00000 00000000000 00000 0 000000 000000000 000000 0000 00000 **SDN** 00000
000000 00000000 00000 0000 000000 0000 00 0 000000 0000 00 00000 0000000000 0 0000 00000 000000000000
.0000

00 000000 0000000000 0000000000 00000 00 00 0 000000000 00000 00 00 000000 0000 00 000000000 00 0000
000000 00 00 0000 00000000000000 .0000 **WAN** 000000000 000000 000000 000000 000000 000000000 00 **SDN**
00000 00000000 0 00000 00000000 0000 00 000000 00000 000000 00000000 00 .0000 00000 00000 000000 00
00000000 000000 00000 0000 000000000 00 00000 0000 00 0000 00000000 00 0000 0 00000 000000
000000 0000000000 0000000 000000 00000 00000 .0000 0000 0000 00 00 000000000 0 0000 0000 00 **SDN** 00000000
0000 0000 000000 .0000 **SDN** 000000000 000000 000000 000000 0 000000 00000 0000 00000000 00 00000 0000
0 00000000000 00000 000000000 000000000 000000 000000 000000 **SDN** 000000000 00 000000 000000000000
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.0000 00 00000 0000000

0 00000 00000 00 00000000 0000 00 0000 00000 0000 00 00 000000 0000000000 00 00000 0000 *
0000000000 00000 00 00 000000000 000000 00 00 00 000000 0000000000

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00000000 00 000000 .0000 000000000 00000 000000000 0 000000000000 00 00000 00 0000000 0000000000 0 00000000000
00000 0000 00000 00000 00000000000 00 00000 0000000 000000 0 0000 0000000 00000 0 00000 000000 00000000
000000 **Panopticon** 000000 0000000 0000000 0000 0000 00000 .0000 000000 0000000000 00000 000000000 00000 00000000
00 000000000 00 00000000 00 000000000 00000 00 000000 00 .000000 000000 00 00000 00000 00000000 00 00000000
00 000000 000000 0000000 000000 0000000000000 0000 000000 00000 0000000 00000 0 00000 0000000 00 0000 0000
0000 00 000000 00 00000000000 00 00000 0000 .00000 0000 00 0000 000000000 00 00 **SDN** 000000000 0000000
0000000 0000 0000 000000 0000000 .0000 **SDN** 000000000 00 0000000 0000000 0000000 000000 0 000000 0000 00 0000000
000000 0 0000 00000000 0000 00 000000000 00000 00 .000000000 0000000 (**SDN (OVS)** 0000000 00000000000 00
0000000 00 0000000 000000000 0 00000 00000 000000000000 00000 000000 0 00000 0000000 000000 00 00000 00000000
000000 000000000 0000 00 00000000 00 0 0000 0000 00 00 000000 00000000 00000 00 00 000000 00000 .0000
00000000000000000000 0 0000 000000000 0000000 00000 00 00 000000 0000000000000 000000 0000 00 00 .00000 0000000000000000
000000000 0 00000000000 00000000 0000000 0000 000000 000000 00 00 00 0000000000 0000000000 .00000 000000 00 **SDN**
00000 000000000 00000 .0000 0000 0000000 00000 00 **SDN** 000000000 00000

000000 0000000000 00 000000 000000000 00000 00 000000000 00 0000000000000 00000 0000 000000 *
000000 00000 0000000 000000 00 0 00000 000000 0

0000000 00 0000000 0000 0 0000000 000000 0000000000000 00 00 00000000 000000 00 0000 0000 00 00000 00000000
00 **SIGCOMM** 000000000000 00 0 **SDN (SOSR)** 00 **ACM** 00000000000 000000 00000000 0000000000000000 000000
00000 000000000 0 00000 00000 0000 0 00000 000000000 00 00000 00000 0000000000 00000000000 0000000 0000 0000000
00000000 000000000 00000000000 0000000 00000000000 0000 00000 000000 00 00000 00 .000000000 00 00

<https://www.shabakeh-mag.com/workshop/11640/sdn-%DA%AF%D8%A7%D9%85%DB%8C-%D8%A8%D9%87-%D8%B3%D9%88%DB%8C-%D8%B4%D8%A8%DA%A9%D9%87%E2%80%8C%D9%87%D8%A7%DB%8C-%D9%85%D9%86%D8%B9%D8%B7%D9%81-%D9%88-%D9%82%D8%A7%D8%A8%D9%84-%D8%A8%D8%B1%D9%86%D8%A7%D9%85%D9%87%E2%80%8C%D8%B1%DB%8C%D8%B2%DB%8C-%D9%85%D8%AC%D8%AF%D8%AF>