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2025	04
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1994 4 —2024 4	05
	06
1.0	06
CERNET 30	07
ICT AI	07
2025	08
“ NAT ” IPv6	08
2025 7	09
2024	09
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2024	10
Internet2 NAIRR	11
NEA3R Internet2	11
NOAA	11
	12

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CERNET

CERNET

CERNET

CIO

IPv6

IPv6

2024

IPv6

2025



2029

15%

1994

30

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2024

5G 419 2 “ 5G ”
11%

2025

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5G 450
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5G 6G APP

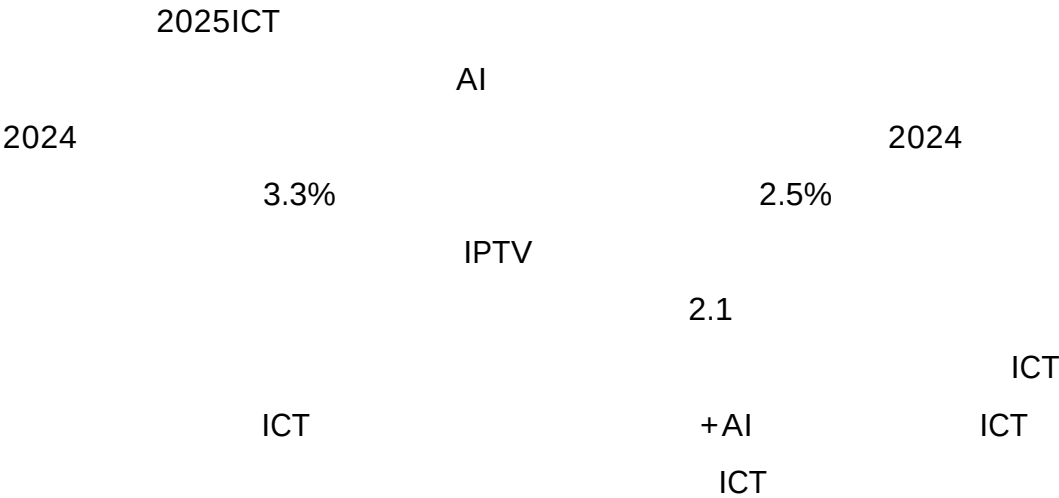
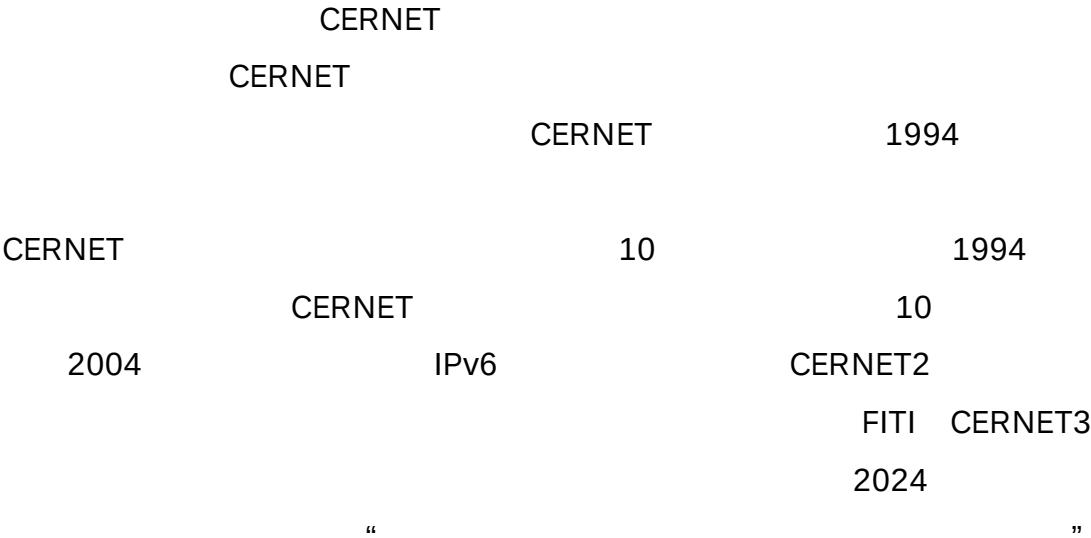
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C114



Internet2

CaRCC

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EAGER

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NAIRR

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NAIRR 2024 1 24

Internet2_____

IN@IU

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NEA3R

Internet2

400Gbps

Internet2

ANA

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NEA3R

Internet2_____

NOAA

1

Rhea

Rhea

NOAA

NESCC

Rhea

NOAA



2023 108 15% 137 2023 68
207 24.2% 53 7
/ 107 75 241 117T
100T 90
150T 25 310
POP 8200 40
10000 20 10
124 46.4T 31.3T
C114

Gartner
15% 2027 17%
GenAI 2025
(CASB) (CWPP) 87
2025
5G

IPv6 39.4%
45% 40% 30% IPv6
2023 10 IPv6
8.22 5.31
1.63 IPv6 2024 5500 IPv6
1445 1425 IPv6 98.6%
IPv6



ICT

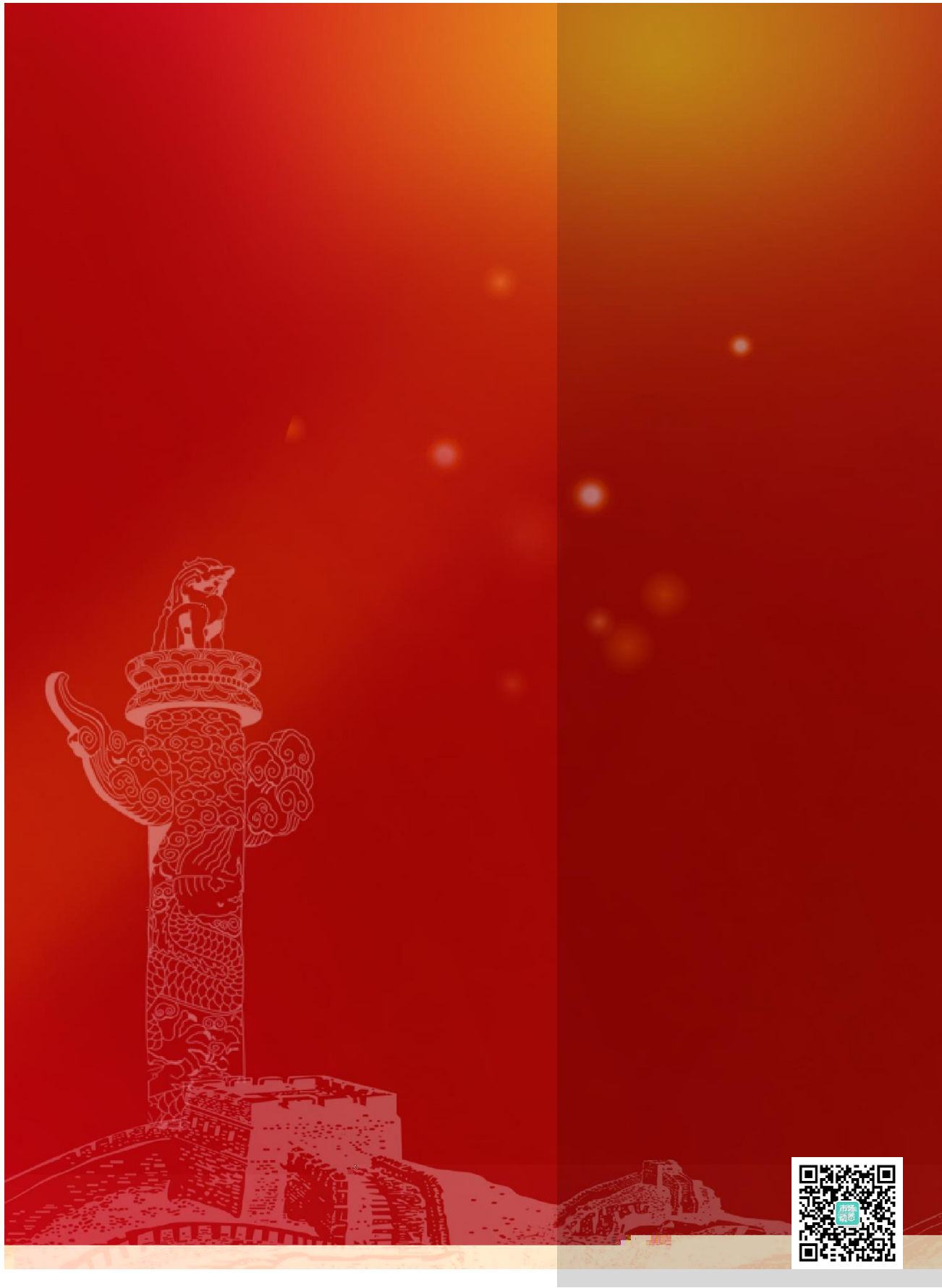
AI

5G-A

4

2022 2024
90.60 91.88 93.55
2023

2700 2022 7.52
91 7000 5.4



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