

Model A: Category Model

RIPE NCC Charging Scheme 2024

Publication date: Not yet submitted for GM approval

Introduction

The Charging Scheme model is based on the principle that members pay an annual contribution (service fee) based on 10 categories, defined by IPv4 and IPv6 resource allocations. From 2024 onwards, members are no longer charged based on individual Local Internet Registry (LIR) accounts. Members also pay additional fees for independent and Legacy Internet Resources. New members or additional LIR account registrations also pay an additional one-time sign-up fee alongside their member-based annual contribution.

An additional fee is billed before receipt of a new IPv4 /24 allocation.

The 2024 Charging Scheme is to be approved by the RIPE NCC membership at the RIPE NCC General Meeting (GM) May 2023.

RIPE NCC Charging Scheme 2024

The annual contribution (service fee) for 2024 is the annual charge for the RIPE NCC membership. The 2024 fee will consist of a base service fee, applicable for all members.

There is also an additional category service fee, as approved at the May 2023 GM. The change to a category model was in response to the uncertainty caused by multiple LIR fees in previous charging schemes. It also addresses the expressed unfairness in the “one LIR account-fee” model.

The separate charge of EUR 50 per independent Internet number resource assignment will be continued. Resources falling under this charge are IPv4 and IPv6 PI assignments; Anycast assignments; IPv4 and IPv6 IXP assignments; and Legacy IPv4 resource registrations through a sponsoring LIR. AS Numbers are excluded from this charge.

Additionally, a new separate charge of EUR 50 per ASN assignment has been approved by the GM in May 2023. Resources falling under the new additional separate charge for ASN assignments are, INFRA ASN, Sponsored ASN & Legacy ASN under contract.

Every year, members can decide to vote at the GM to return excess paid fees, or the shortage of fees via a redistribution to the membership.

Charge Basis	2024 Per member	2023 Per LIR account
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Price List per Category

	2024	Applicability	2023
Base Fee	EUR 250	All members	Not Applicable
Category 1	EUR 400	Only members who fall in category	Not Applicable
Category 2	EUR 750	Only members who fall in category	Not Applicable
Category 3	EUR 1,100	Only members who fall in category	Not Applicable
Category 4	EUR 1,800	Only members who fall in category	Not Applicable
Category 5	EUR 2,500	Only members who fall in category	Not Applicable
Category 6	EUR 3,500	Only members who fall in category	Not Applicable
Category 7	EUR 4,500	Only members who fall in category	Not Applicable
Category 8	EUR 6,000	Only members who fall in category	Not Applicable
Category 9	EUR 8,000	Only members who fall in category	Not Applicable
Category 10	EUR 10,000	Only members who fall in category	Not Applicable

Limit per IPv4 Category

	Score	/IPv4 *	# IP
Base Fee	0	0	0
Category 1	1	/23	512
Category 2	2	/22	1,024
Category 3	3	/21	2,048
Category 4	4	/20	4,096
Category 5	5	/19	8,192
Category 6	6	/18	16,384
Category 7	7	/17	32,768
Category 8	8	/16	64,536
Category 9	9	/15	129,072
Category 10	10	>/15	>129,072

* Definition of IPv4 for category calculation:

All IPv4 resources excluding:

- All legacy resources
- All independent Internet number resource assignments (including sponsored resources)

Limit per IPv6 Category

	Score	/IPv6 *	# IP
Base Fee	0	0	0
Category 1	1	/31	158,456,325,028,528,000,000,000,000,00
Category 2	2	/29	633,825,300,114,113,000,000,000,000,000
Category 3	3	/27	2,535,301,200,456,450,000,000,000,000,000
Category 4	4	/25	10,141,204,801,825,800,000,000,000,000,000
Category 5	5	/23	40,564,819,207,303,200,000,000,000,000,000
Category 6	6	/21	162,259,276,829,213,000,000,000,000,000,000

Category 7	7	/19	649,037,107,316,852,000,000,000,000,000
Category 8	8	/17	2,596,148,429,267,410,000,000,000,000,000
Category 9	9	/15	10,384,593,717,069,600,000,000,000,000,000
Category 10	10	>/15	>10,384,593,717,069,600,000,000,000,000,000

* Definition of IPv6 for category calculation:

All IPv6 resources excluding:

- All independent Internet number resource assignments (including sponsored resources)

Price List per Separate Charge

	2024	Applicability	2023
Sign-up fee	EUR 1,000	New LIR for new member & New LIR for existing member	New LIR for new member & New LIR for existing member
Independent Internet Number Resource assignment	EUR 50	As defined in Charging Scheme 2024	As defined in Charging Scheme 2023
ASN Fee	EUR 50	For all ASN assignment, including, sponsored & legacy	Not Applicable
New /24 IPv4 administration Fee	EUR 1,000	Applicable before receipt of new IPv4 assignment	Not applicable

Category Calculation

A member's category score is based on the highest score out of the two categories (IPv4 and IPv6), If the score for IPv4 resources is the highest, this will define the final score, and vice versa. If both scores are equal, that equal score will determine the category fee.

Billing and Invoicing

For 2024, the score will be determined on the data gathered on 31 December 2023.

In future years, the category score will be determined on a periodically determined score (quarterly or monthly). The reason for this is to provide a fair as possible category calculation. A significant resource transfer or allocation on 30 December of a current year should not define the next year's category but should instead apply for the quarter or month it became the member's resources.

The independent Internet number resource information for members will be determined based on data gathered on 31 December 2023. Invoices will be sent in the first quarter of 2024.

New /24 IPv4 Allocation Administration Fee

The current process to be added to the IPv4 waiting list remains in place. A RIPE NCC member requires an eligible LIR account to join the waiting list. Other than the sign-up fee for a new LIR account, no additional fees are payable. At the time a member can receive a new /24 IPv4 Allocation, to finalise the allocation the New /24 IPv4 Allocation administration fee will be invoiced. Only after settling this invoice in full will the allocation be processed.

The newly-assigned IPv4 resource will be added to the category calculation for the next billing year. For 2024, this will be based on total resources per 31 December 2023. For following years, an average will be used or the quarterly score (or possibly monthly).

Legacy Internet Resource Holder Fees

The fee for Legacy Internet Resource Holders that engage in a direct agreement with the RIPE NCC is identical to the annual fee per LIR account for this year. There is no sign-up fee for Legacy Internet Resource Holders that conclude a separate direct agreement with the RIPE NCC. There is no sign-up fee for Legacy Internet Resource Holders that become members and do not request any additional Internet number resources from the RIPE NCC. If a Legacy Internet Resource Holder requests additional Internet number resources after becoming a member, the sign-up fee will be charged at this later stage, and in a way identical to that in which the membership sign-up fee is charged.

Appendix 1

Indicative Member Spread Across the Categories

	# of Members	% of Members
Base Fee	803	3.96%
Category 1	1,259	6.22%
Category 2	9,455	46.68%
Category 3	2,193	10.83%
Category 4	1,925	9.50%
Category 5	1,655	8.17%
Category 6	1,174	5.80%
Category 7	699	3.45%
Category 8	387	1.91%
Category 9	290	1.43%
Category 10	414	2.04%
Total Members*	20,254	100%

*Total Members is the number of members on 28 February 2023.

Indicative Member Spread Across the IPv4 Category

	# of Members	% of Members
0 Resources	1,542	7.61%
Category 1 /23	2,272	11.22%
Category 2 /22	7,811	38.57%
Category 3 /21	2,106	10.40%
Category 4 /20	1,907	9.42%
Category 5 /19	1,653	8.16%
Category 6 /18	1,174	5.80%
Category 7 /17	698	3.45%
Category 8 /16	387	1.91%
Category 9 /15	290	1.43%
Category 10 >/15	414	2.04%
Total Members*	20,254	100%

*Total Members is the number of members on 28 February 2023.

Indicative Member Spread Across the IPv6 Category

	# of Members	% of Members
0 Resources	5,047	24.92%
Category 1 /31	4,844	23.92%
Category 2 /29	8,755	43.23%
Category 3 /27	1,306	6.45%
Category 4 /25	201	0.99%
Category 5 /23	80	0.39%
Category 6 /21	14	0.07%
Category 7 /19	6	0.03%
Category 8 /17	1	0.00%
Category 9 /15	0	0.00%
Category 10 >/15	0	0.00%
Total Members*	20,254	100%

*Total Members is the number of members on 28 February 2023.

Pricelist

Price list Model A		Limit Per Category			
Category Base for all members	250	IPv4		IPv6	
Category 1	400	Category 1	512 /23	Category 1	158,456,325 /31
Category 2	750	Category 2	1,024 /22	Category 2	633,825,300 /29
Category 3	1,100	Category 3	2,048 /21	Category 3	2,535,301,200 /27
Category 4	1,800	Category 4	4,096 /20	Category 4	10,141,204,801 /25
Category 5	2,500	Category 5	8,192 /19	Category 5	40,564,819,207 /23
Category 6	3,500	Category 6	16,384 /18	Category 6	162,259,276,829 /21
Category 7	4,500	Category 7	32,768 /17	Category 7	649,037,107,316 /19
Category 8	6,000	Category 8	64,536 /16	Category 8	2,596,148,429,267 /17
Category 9	8,000	Category 9	129,072 /15	Category 9	10,384,593,717,065 /15
Category 10	10,000	Category 10	More	Category 10	More
Sign-Up Fee New LIR/Member	1,000				
PI	50				
ASN	50				
Transfer	0				
Merger & Acquisition	0				
New /24 IPv4 Fee	1,000				