



Request for IPv4 Address Space

In assigning IP address space to Internet subscribers, CyberOne Data, LLC takes guidance from assignment policies and procedures set forth by ARIN (American Registry for Internet Numbers) and RFC 2050.

In order to justify an IP address space assignment, please completely document all information requested below. IP address space will be assigned based on an analysis of your current and projected usage against strict utilization efficiency guidelines as defined by ARIN and RFC 2050.

A complete set of instructions and examples are provided at the end of this document.

Note: If you need additional space for any of the documentation requested below, please provide the information in a separate document with your request.

I. Customer Information					Date:	
Company/ Client Name						
Address						
City		State		Zip		
Technical Contact						
Phone		FAX		E-Mail		
Type of Internet service connection: (check appropriate services that apply)						
<input type="checkbox"/> Colocation		<input type="checkbox"/> Connectivity		<input type="checkbox"/> Other		
Project Manager						

II. Current IP Address Space Utilization				
Please list ALL space currently assigned from all sources.				
Network	Size	Assigned By	Assign Date	% in use
Example: 200.22.22.0	/24	AIMNET ISP	5-30-95	80%
Will you be renumbering out of your current space? <input type="checkbox"/> Yes <input type="checkbox"/> No Date when renumbering is expected to be completed:				



III. IP Address Space Request

IP Block Size Requested

Describe your planned usage of the requested IP address space. Please be concise.

How would you like your space advertised? ☐ Statically Routed Customer ☐ Customer Advertised BGP

IV. Planned Usage for Requested IP Address Space

Please provide detail about projected usage for the IP address space you are requesting. Please see the instructions at the end of this document for a detailed example.

		Number of Hosts				
Network	Subnet Size	Max	Now	3-mo	6-mo	Description
Example: 200.22.22.0	255.255.255.0	254	128	150	230	Campus Network
						Totals

V. Reverse DNS

If name servers are specified below, they will be used for reverse delegation (in-addr.arpa). Please see instructions at the end of this document for further information.

Fully-qualified Domain Name:
Ex: mynameserver.company.org

IP Address
Ex: 123.123.123.1



VI. Network Diagram

Please provide a network topology in the space below or provide a Visio or PDF file.

VII. Webhosting

If you are providing webhosting services, please indicate in section IV the IP addresses currently being used for this purpose and provide below a list of domains being hosted. If IP-based hosting is being done, a list of technical reasons why named-based hosting cannot be used, and must be included.

VIII. Additional Comments

Please return the completed form to iprequest@cyberonedata.com. Failure to provide the requested detail may cause a delay in provisioning your IP Address Space Request.

Customer Acknowledgment:

Printed Name		Title	
Signature		Date	



Instructions for IPv4 Address Space Request Form

ARIN accounts for the efficient utilization of all IP address space allocated to ISPs (Internet Service Providers) for reassignment to customers. All IP address space is *loaned* to customers and must be routed on the CyberOne Data, LLC network. Any IP address space assigned to your organization must be relinquished upon termination of subscriber service. All IP address space assignments must be registered in a publicly accessible database in accordance with ARIN guidelines. All IP blocks will be registered and available publicly in the CyberOne Data, LLC Whois database server.

The information provided in this document will be used by CyberOne Data, LLC **ONLY** to justify the loan of IP addresses. The information may also be given to the RIRs if they request it as part of reviewing their loans to CyberOne Data, LLC.

Please note: failure to provide the information requested in this form may cause a delay in completing your request. Please be as concise as possible.

If you have any questions while completing this form, please contact your Account Executive or Project Manager.

I. Customer Information

Complete all information requested. This information will be included in the registration of the IP assignment in the CyberOne Data, LLC Whois database.

II. Current IP Address Space Utilization

List all IP addresses assigned to your organization from ALL sources, not just CyberOne Data, LLC assigned blocks. You do not need to include private IP space.

If you will be renumbering from your current space into the space you are requesting, please indicate so and include the date when renumbering is expected to be completed.

III. IP Address Space Request

IP Block Size Requested may be in CIDR (e.g. /23) or number of IPs (e.g. 512).

The planned usage description should be a detailed statement of how the requested space would be used.

IV. Planned Usage for Requested IP Address Space

Show subnet detail if space has been subnetted.

If you will be renumbering into the requested block, you do not need to indicate your current IPs in the Network column. If you currently have space and will not be renumbering, include the actual IPs that you are keeping on your network and use relative numbers for the new space being requested. If you do not currently have IP space, please use relative numbers in the Network column, as shown below in the examples. Do not include private or NAT IPs.

Subnet Size may be designated as either subnet mask or CIDR notation. Include predicted IP usage for today, three months, and six months. Indicate the use of each IP block in the description field.



Ex. 1: Requesting a /22

Network	Subnet Size	Max	Now	3-mo	6-mo	Description
0.0.0.0	255.255.254.0	512	128	256	512	webhosting
0.0.2.0	255.255.255.0	256	32	128	256	customer /30s
0.0.3.0	255.255.255.0	256	64	128	192	infrastructure
		1024	224	512	960	Totals

Ex. 2: Requesting a /24

Network	Subnet Size	Max	Now	3-mo	6-mo	Description
0.0.0.0	/25	128	64	100	128	webhosting
0.0.0.128	/26	64	24	32	64	VoIP customers
0.0.0.192	/26	64	12	24	64	server IPs
		256	100	156	256	Totals

V. Reverse DNS

This section only needs to be completed if you will be doing your own reverse DNS for your IP block. Include host name and IP address for each name server.

Please note that CyberOne Data, LLC **WILL NOT** register your name servers with ARIN for any reassigned IP address space. All DNS reverse look-up (in-addr.arpa) queries for your IP address space will be referred to CyberOne Data, LLC name servers. The CyberOne Data, LLC name servers will function as either the primary name server for your in-addr.arpa, provide responses based on a secondary zone transferred from your locally maintained RFC 2182 compliant name server, or delegate the in-addr.arpa to your name servers for administration..

VI. Network Diagram

If you are requesting a /25 (128 IPs) or more IP space, please include a network diagram in the space provided or attached in a separate document. You may include a network diagram for a smaller assignment if desired.

VII. Webhosting

This section only needs to be completed if you are providing webhosting services to your customers. Below is a sample of the webhosting documentation requested.

The reason(s) we are not doing name-based hosting for all of our web hosting customers is/are:

- a) Reason1
- b) Reason2
- c) etc.

The domains we are hosting are:

virtual1.com, virtual2.com, virtual3.com, virtual4.com , virtual5.com, virtual6.com, virtual7.com, etc.

VIII. Additional Information

Include any additional information that may be of use to justifying your request.