

Bigleaf Networks Application

IP Address /28 Request



Bigleaf Networks is required by the American Registry for Internet Numbers (ARIN) to maintain records of customers' planned usage of IP addresses and apply a utilization efficiency criterion when evaluating requests. Organizations considering the use of static IP address assignment are expected to investigate and implement dynamic assignment technologies whenever possible.

A Customer Info

End User Company Name

Site Name

Partner Name (If different from End User Company Name)

B Request Type

New Site
(Complete Section C)

Return and Add IP Block
(Complete Sections C and D)

Retain and Add IP Block
(Complete Sections C and E)

C New IP Block Request

Complete this section for the new IP block you are requesting.

1 Planned Usage for New IP Block

List quantity of IPs and the technical use case(s) for new IPs requested.

ARIN requires demonstrating 50% utilization for new blocks.

Essential Service (LAN Network)			Premier Service (LAN Network)		
IP Block	Usable IPs	50% of IPs	IP Block	Usable IPs	50% of IPs
/28	13	7	/28	11	6

Quantity of IPs	Usage
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Example	
Qty of IPs	Usage
3	Firewall
2	VoIP
2	Point of Sale
2	Security Cameras

Please send completed form to salesupport@bigleaf.net

D Returning Existing IP Block(s)

Complete this section and section C if you are returning existing Bigleaf IP block(s) and requesting a new, larger block.

1 Bigleaf Site ID

View the site in the Bigleaf Cloud Connect dashboard and inspect the URL.
For example, the site ID is 1234 for <https://app.bigleaf.net/new/site/1234/dashboard/overview>.

2 Return Existing IP Block(s)

List the Bigleaf IP blocks currently assigned to this site that you are returning.

IP Block 1
IP Block 2
IP Block 3

E Retaining Existing IP Block(s)

Complete this section and section C if you are retaining your existing Bigleaf IP block(s) and requesting additional blocks.

1 Bigleaf Site ID

View the site in the Bigleaf Cloud Connect dashboard and inspect the URL.
For example, the site ID is 1234 for <https://app.bigleaf.net/new/site/1234/dashboard/overview>.

2 Planned Usage of Retained IP Block

List blocks assigned to existing site by listing quantity of **retained IPs** and current technical use case.

ARIN requires demonstrating 80% utilization of existing blocks to apply for additional blocks.

Essential Service (LAN Network)			Premier Service (LAN Network)		
IP Block	Usable IPs	80% of IPs	IP Block	Usable IPs	80% of IPs
/29	5	4	/29	3	3
/28	13	11	/28	11	9
/27	29	24	/27	27	22
/26	61	49	/26	59	48
/25	122	98	/25	120	96
/24	253	203	/24	251	201

Essential Service (LAN Route)			Premier Service (LAN Route)		
IP Block	Usable IPs	80% of IPs	IP Block	Usable IPs	80% of IPs
/29	8	7	/29	8	7
/28	16	13	/28	16	13
/27	32	26	/27	32	26
/26	64	52	/26	64	52
/25	128	100	/25	128	100
/24	256	205	/24	256	205

Example	
Qty of IPs	Usage
3	Firewall
2	VoIP
2	Point of Sale
2	Security Cameras

Quantity of IPs	Usage
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Attach another sheet if you need more space to list the IPs you are retaining and their use cases.

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