



Date: 02/15/2019

Dear Steven Karas

.aero Zone File Access

Here is your access information for obtaining the .aero zone file.

ftp Host	Username	Password
ftp.aeroregistry.net	zaero135	Xl5Eg4w2wy

Please note:

- Username and passwords are case sensitive with no spaces between characters.
- The zone file can be downloaded only once in 24 hours from the IP address of the Internet host machine(s) specified by the user in the Zone File Access Agreement.
- The zone file will be updated twice per 24 hour period. If you notice that the zone file has not been updated for more than 24 hours, please contact .aero Technical Support.
- The file naming convention is 'aero.zone-YYYYMMDD.gz'. An MD5 check file is also available in the same directory for file validation.
- Zone files are archived for one week (7 days) on the server. There will be seven zone files in the directory at all times, with the oldest being dropped when the next new file is added.

Please review the FAQ provided below should you experience difficulty accessing the ftp server or downloading the zone file.

Sincerely,

.aero Technical Support
Email: techsupport@registry.aero
Tel: +1.416.619.3031
Fax: +1.416.646.3305

Zone File FAQ

I am unable to download the root zone files from the ftp server via an ftp client.

Ensure that your ftp client is set to Passive mode. Please note that support is not provided for ftp clients.

Ensure that you are connecting from an authorized IP address which was submitted to Registry Relations to gain access to the ftp server.

Ensure that your IP address has matching forward and reverse DNS entries. The ftp server performs a forward and reverse look up to check the authenticity of the host for security reasons.

To verify that your IP address resolves to a name and that the name resolves back to the IP, perform a reverse and forward look up:

Example:

```
$ nslookup 69.46.124.8
Server:      localhost
Address:     127.0.0.1#53
```

Non-authoritative answer:

8.124.46.69.in-addr.arpa name = ftp.aeroregistry.net.

```
$ nslookup ftp.aeroregistry.net
```

```
Server:      localhost
Address:     127.0.0.1#53
```

Non-authoritative answer:

```
Name:  ftp.aeroregistry.net
Address: 69.46.124.8
```

If you are continuing to experience problems please contact Technical Support.

How do I change my IP address or add another?

Please email Technical Support with the subject line "Zone file access - IP update." In the body of the email please include your username and the required IP address changes i.e. IP subnet(s) to add and IP subnet(s) to remove. It will take 2 business days to process your request. Note that .aero allows access from a maximum of 2 subnets and 64 hosts.

Note: If you need more than 2 IP addresses they must be in CIDR format.

- IP subnet ranges must be written in CIDR format (e.g. 192.168.1.0/27 where the "/27" represents the length of the subnet).
- We cannot accept any ranges below a /26 range (i.e. /25, /24, etc). CIDR format dictates the number of hosts within each range. Please refer to the table below.
- Examples of valid subnets include:
 - One subnet of 64 hosts (e.g. 192.168.1.0/26)
 - Two subnets of 32 hosts or less (e.g. subnet #1 as 192.168.2.0/27, which represents 32 addresses 192.168.2.0 to 192.168.2.31; subnet #2 as 192.168.3.0/27, which represents 32 addresses 192.168.3.0 to 192.168.3.31)
- The specified subnets must fall on valid bit boundaries. For example, a subnet specified as 192.168.2.1/27 is not acceptable because ".1" is not a valid boundary for a /27 subnet.

- The following table defines the valid boundaries for each subnet length.

<i>Length of Subnet</i>	<i>Number of Hosts</i>	<i>Boundaries</i>
/26	64	0, 64, 128, 192
/27	32	0, 32, 64, 96, 128, 160, 192, 224
/28	16	0, 16, 32, 48, 64, 80, 96, 112, 128, 144, 160, 176, 192, 208, 224, 240
/29	8	0, 8, 16, 24, 32, 40, 48, ... , 248 (in increments of 8)
/30	4	0, 4, 8, 12, 16, 20, 24, 28, ... , 252 (in increments of 4)
/31	2	0, 2, 4, 6, 8, 12, 14, 16, 18, ... , 254 (in increments of 2)
/32	1	0 through 255