

Pull IPS for selected Region

Last updated by | Subbu Kandhaswamy | Jun 30, 2022 at 6:00 PM PDT

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How to get Azure IP Ranges - List

To pull the Azure IP Ranges and Service Tags for any given region follow the steps -

• Download

From Microsoft download site, download Json file [ServiceTags Public 20220627.json](#) 

This file contains the IP address ranges for Public Azure as a whole, each Azure region within Public, and ranges for several Azure Services (Service Tags) such as Storage, SQL and AzureTrafficManager in Public. This file currently includes only IPv4 address ranges but a schema extension in the near future will enable us to support IPv6 address ranges as well. Service Tags are each expressed as one set of cloud-wide ranges and broken out by region within that cloud. This file is updated weekly. New ranges appearing in the file will not be used in Azure for at least one week. Please download the new json file every week and perform the necessary changes at your site to correctly identify services running in Azure. These service tags can also be used to simplify the Network Security Group rules for your Azure deployments though some service tags might not be available in all clouds and regions. Customers viewing the Effective Security Rules for their network adapters may note the presence of the "special" Azure platform addresses (168.63.129.16, FE80:: 1234:5678:9ABC/128) which are part of the Azure platform and NOT included in the JSON files

- Supported Operating System Windows Server 2016
- Json reader recommended

• Install

This file contains the IP address ranges for Public Azure as a whole, each Azure region within Public, and ranges for several Azure Services (Service Tags) such as Storage, SQL and AzureTrafficManager in Public. Service Tags are each expressed as one set of cloud-wide ranges and broken out by region within that cloud. This file is updated weekly. New ranges appearing in the file will not be used in Azure for at least one week. Please download the new json file every week and perform the necessary changes at your site to correctly identify services running in Azure. These service tags can also be used to simplify the Network Security Group rules for your Azure deployments though some service tags might not be available in all clouds and regions.

• Get List

```
"name": "Sql.EastUS", "id": "Sql.EastUS", "properties": { "changeNumber": 12, "region": "eastus", "regionId": 32, "platform": "Azure", "systemService": "AzureSQL", "addressPrefixes": [ "20.42.65.64/29", "20.42.65.96/27", "20.42.68.192/27", "20.42.69.0/25", "20.42.69.128/26", "20.42.73.0/29", "20.42.73.32/27", "20.42.74.192/27", "20.42.75.0/25", "20.42.75.128/26", "20.62.132.160/27", "20.62.132.192/27", "20.62.133.0/26", "23.96.89.109/32", "23.96.106.191/32", "40.71.8.0/26", "40.71.8.192/26", "40.71.9.0/26", "40.71.9.192/26", "40.71.83.113/32", "40.76.2.172/32", "40.76.26.90/32", "40.76.42.44/32", "40.76.65.222/32", "40.76.66.9/32", "40.76.193.221/32", "40.78.224.0/26", "40.78.224.128/26", "40.78.225.0/26", "40.78.225.128/26", "40.79.152.0/26", "40.79.152.192/26", "40.79.153.0/26", "40.79.153.192/26", "40.114.45.195/32", "40.114.81.142/32", "40.117.42.73/32", "40.117.44.71/32", "40.121.143.204/32", "40.121.149.49/32", "40.121.158.30/32", "52.168.116.64/29", "52.168.117.96/27", "52.168.117.128/27", "52.168.117.160/29", "52.168.117.192/26", "52.168.118.0/25", "52.168.166.153/32", "52.170.98.29/32", "104.41.152.74/32", "104.45.158.30/32", "191.238.6.43/32", "191.238.6.44/31", "191.238.6.46/32", "2603:1030:210::320/123", "2603:1030:210::380/121", "2603:1030:210:400::/123", "2603:1030:210:401::/123", "2603:1030:210:800::/123", "2603:1030:210:801::/123", "2603:1030:210:c00::/123", "2603:1030:210:c01::/123" ],
```

How good have you found this content?

