

ArcGIS Online Domain & FQDN Requirements



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If your users have general access to the Internet, no action is required. If you control your users' or servers' access to the Internet through allowlists, you have two options:

1. You want to minimize allowlist update requirements, therefore utilize the more open **domain-level allowlist** with wildcards.
2. You require more stringent security controls and do not allow wildcards, therefore use the fully qualified domain names (**FQDN**) level allowlist.

Notes:

1. **Regions** - FQDN's required for customers utilizing regional data storage organizations are listed separately below and common FQDN's outside the ArcGIS Online application are at the end of this document.
2. **Scope** - This list may not be fully inclusive for your organization's specific needs, such as [externally referenced ArcGIS Enterprise/OGC Servers](#), [Collaboration systems](#), and [custom domains for ArcGIS Hub](#). If your organization is not prepared to regularly manage such changes, you may want to consider allowlisting the domain of arcgis.com and esri.com.

Domain-level allowlist

*.arcgis.com
*.arcgisonline.com
prd-ago-items*.s3*.amazonaws.com
ago-item-storage*.s3*.amazonaws.com

FQDN-level allowlist

- {yourOrg}. maps.arcgis.com - ArcGIS Online customer org
 - {yourOrg}. hub.arcgis.com - ArcGIS Hub site
- analysis.arcgis.com
analysis#.arcgis.com # range 1-9
- az.arcgis.com
- bao.arcgis.com
- basemaps-api.arcgis.com
- basemaps.arcgis.com
- cdn.arcgis.com
- cdn-a.arcgis.com
- demographics#.arcgis.com # range 1-5

doc.arcgis.com

dservices.arcgis.com
dservices#.arcgis.com

range 1-9

elevation.arcgis.com

elevation3d.arcgis.com

geocode.arcgis.com

geoenrich.arcgis.com

hub.arcgis.com

opendata.arcgis.com

hydro.arcgis.com

ibasemaps-api.arcgis.com

insightsservices.arcgis.com
insightsservices#.arcgis.com

range 1-9

js.arcgis.com

landsat.arcgis.com

landscape#.arcgis.com

range 1-7

livefeeds.arcgis.com

logistics.arcgis.com

modis.arcgis.com

notebooksservices.arcgis.com
notebooksservices#.arcgis.com

range 1-9

opendata.arcgis.com

packaging.arcgis.com

route-api.arcgis.com

route.arcgis.com

server.arcgisonline.com
services.arcgisonline.com

services.arcgis.com
services#.arcgis.com

range 1-9

status.arcgis.com

survey123.arcgis.com

tiledbasemaps.arcgis.com

tiles.arcgis.com
tiles#.arcgis.com

range 1-4

traffic.arcgis.com

utility.arcgisonline.com

ago-item-storage.s3.amazonaws.com

ago-item-storage.s3.us-east-1.amazonaws.com

ago-item-storage-usw2.s3.us-west-2.amazonaws.com

arcgis-prd-survey123-use1-reports.s3.us-east-1.amazonaws.com

www.arcgis.com

Customers utilizing the EU Region additionally require:

prd-ago-items-euc1.s3.eu-central-1.amazonaws.com

prd-ago-items-euw1.s3.eu-west-1.amazonaws.com

tiles-eu1.arcgis.com

services-eu1.arcgis.com

analysis-eu1.arcgis.com

euc1-route.arcgis.com

euc1-geocode.arcgis.com

Customers utilizing the AP Region additionally require:

prd-ago-items-apse1.s3.ap-southeast-1.amazonaws.com

prd-ago-items-apse2.s3.ap-southeast-2.amazonaws.com

tiles-ap1.arcgis.com

services-ap1.arcgis.com

analysis-ap1.arcgis.com

Common FQDN's Outside ArcGIS Online Application:

trust.arcgis.com

community.esri.com

developers.arcgis.com

Esri Software Security & Privacy Team

Contact: SoftwareSecurity@esri.com