

Measure the performance of Image Services

The [getSamples method](#) in ArcGIS Server Image Service can be used for measuring performance.

Step-by-step guide

1. Enter geometry.

```
{"x": -19837193.917600676, "y": -3812345.7636769526, "spatialReference": {"wkid": 102100, "latestWkid": 3857}}
```

2. Use Point for **Geometric Type**.
3. Enter 1000 for **Sample Count**.
4. (Optional) Enter **Mosaic Rule**.

```
{"mosaicMethod": "esriMosaicCenter", "sortField": "", "ascending": true, "mosaicOperation": "MT_FIRST", "multidimensionalDefinition": [{"variableName": "ALL_SFC_SW_DIR", "dimensionName": "StdZ", "values": [0], "isSlice": true}]}
```

5. (Optional) Enter pixel size.

```
{&quot;x&quot;: 611.4962262813791, &quot;y&quot;: 611.49622628138, &quot;spatialReference&quot;: {&quot;wkid&quot;: 102100, &quot;latestWkid&quot;: 3857}}
```

6. Set **Return First Value Only**: to false.



If REST service asks login credentials and fails to retrieve samples, it means that permission is not set properly (during 10.7 to 10.8 migration).

Make service public using ArcGIS Server Manager web interface.

Use web browser instead of wget to get sample points after logging in with siteadmin.

Reference

1. <https://enterprise.arcgis.com/en/server/latest/publish-services/linux/image-service-parameters.htm>

Related articles

- [Build Multi-dimensional Information](#)
- [Publish ArcGIS Mosaic Dataset Image Service with Server](#)
- [Run arcpy on ArcGIS Windows](#)
- [Install xarray on ArcGIS Notebook Server](#)
- [Service Performance](#)