

# Service Endpoints For Monitoring

The AtScale product consists of five services that contain health-check endpoints that you can access by means of HTTP URLs. These endpoints test the network routing, port mapping, and process state of each service. The endpoints use few system resources, so that they can be polled at regular intervals by monitoring tools without impeding system performance.



**Note:** You should also submit SQL or MDX queries through the appropriate cube endpoint to monitor responses specific to your datasets and corporate workflow. To see what these endpoints are for a published cube, open the **Overview** page for the project in which the cube appears. Select the published cube for the project, and then select the **Connect** tab to view the connection information for that cube.



**Note:** If your AtScale installation uses HTTPS, then substitute https for http in the endpoint URLs below.

## List Of Services, Their Endpoints, Their Response Codes, And Their Payloads

### Authentication Service

This application handles authentication between the AtScale applications.

#### Endpoint

`http://<AtScaleHost>:10503/health`

#### Expected HTTP Response Code

200

#### Expected Payload

```
{ "id": "authDB",
  "name": "Auth DB (PostgreSQL)",
  "status": "good",
  "metadata": { "server": "localhost",
                "Port": "10518",
                "databaseName": "atscale",
                "dbEnv": "development" },
  "type": "authDB" }
```

The value of the `status` field can be either good or bad.

### Design Center

This web-based application is for creating and publishing virtual cubes.

#### Endpoint

`http://<AtScaleHost>:10500/ping`

10500 is the default port. Contact your system administrator for the port that is actually being used in your AtScale installation.

**Expected HTTP Response Code**

200

**Expected Payload**`**** design center OK ****`**Engine**

This application is the AtScale engine.

**Endpoint**`http://<AtScaleHost>:10502/ping`

10502 is the default port. Contact your system administrator for the port that is actually being used in your AtScale installation.

**Expected HTTP Response Code**

200

**Expected Payload**`OK`**Engine (Clustered AtScale only)**

For the AtScale engine configured with an external load balancer for Clustered AtScale, a different endpoint is used.

**Endpoint**`http://<AtScaleHost>:10502/health`

10502 is the default port. Contact your system administrator for the port that is actually being used in your AtScale installation.

**Expected HTTP Response Code**

200

**Expected Payload**`OK`