Recast

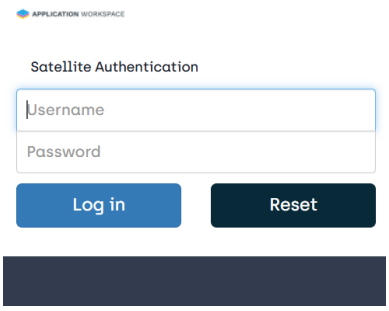
AW Satellite Configuration

Last Modified on 2026-09-28

Default user

After installing the Application Workspace Satellite Server, you can access it using a web browser on `http://localhost/`.

The following login screen will be displayed:



> The default username is 'admin' with an empty password.

Connectivity

All Application Workspace Servers that belong to a zone need to be able to directly connect to an Application Workspace Satellite Server. We recommend you set up the connectivity using a DNS record. By default, the Application Workspace Satellite Server will register itself with its local IP address. To change this, the URL can be reconfigured on the Settings page to include a proper DNS name instead of an IP address.

Pair zone

A zone can be paired after configuring the SSL certificate and theconnectivity URL for the Application Workspace System. See Zones for more information on how to pair an Application Workspace System so it can be used by connectors.

Satellite JSON

`Satellite.json` is the configuration file of the Application Workspace Satellite Server.

It's default location path is `C:\Program Files (x86)\Liquit Workspace\Satellite`

The config file is always specific to a single server so we recommend you do not copy it to another server unless you want to migrate an existing Application Workspace Satellite Server installation to a new server.

> The values in a JSON file should always be escaped. For example, `C:\temp` should be `C:\\temp`.

Recast

Example of a complete Satellite.json configuration

```
{
  "log": {
     "level": "Info",
     "path": "Satellite.log",
     "rotateCount": 5,
     "rotateSize": 5242880
   },
  "redirect": true,
  "database": {
     "path": "Satellite.db",
     "compress": true
  },
  "contents": {
     "enabled": true,
     "cache": true,
     "replication": true,
     "concurrent": 8,
     "interval": 5,
     "path": "Content"
  },
  "listeners": [
  {
     "required": true,
     "address": "*",
     "port": 80,
     "offloadingPort": 443
  },
  {
     "required": true,
     "secure": true,
     "certificate": "Satellite",
     "address": "*",
     "port": 443
  }
  ]
}
```

Example of objects you can use in a Satellite.json config file

Log

The Application Workspace Satellite Server logs events that are initiated.

```
"log": {
   "level": Info,
   "path": "Satellite.log",
   "rotateCount": 5,
   "rotateSize": 5242880
 }
```

Property	Description	Default value

Property	Description	Default value
level	Defines the level of logging: • **None** Nothing will be logged to the log file • **Critical** only critical errors will be logged to the log file. • **Error** Only errors and critical errors will be logged to the log file. • **Warning** Only warnings, errors and critical errors will be logged to the log file. • **Info** Basic information and warnings, errors and critical errors will be logged to the log file. • **Debug** Detailed information will be logged to the log file about all actions. You can use this information when troubleshooting.	Info
path	You can define an alternate path of the Agent log files here.	C:\ProgramData\Liquit Workspace\Satellite\Logs
rotateCount	The number of log files that will be archived.	5
rotateSize	The limit of log file size in bytes. When this limit is reached, a new log file will be created and the old file will be archived.	5242880

Redirect

When set to true, the server will redirect incoming insecure requests to the secure port (by default 443), as configured within the listeners. When set to false, the server will NOT redirect insecure requests.

```
"redirect": true
```

Database

```
"database": {
    "path": "Satellite.db",
    "compress": true
  }
```

Property	Description	Default
Path	The path to the database.	Satellite.db
Compress	If enabled, the database is compressed in the gzip format.	true

Contents

Defines how the Application Workspace Satellite Server should handle its content.

```
 "contents": {
    "enabled": true,
    "cache": true,
    "replication": true,
    "concurrent": 8,
    "interval": 5,
    "path": "Content",
}
```

Property	Description	Default
cache	Defines whether or not the content of files that are smaller than 1 MB should be cached in memory.	true
replication	Enables the replication of the local server content across Application Workspace Satellite Servers.	true
Concurrent	Nr of workers to replicate content (how many files can be synched in parallel.	5
interval	The number of seconds between idle checks performed to see if any content needs to be replicated.	5
path	The path where contents are stored. The path is relative, but can be absolute.	C:\ProgramData\Liquit Workspace\Server\Content

Listeners

The listeners property defines which IP and/or ports Application Workspace will receive and handle requests.

```
"listeners": [
   {
    "required": true,
    "secure": true,
    "certificate": "Satellite",
    "address": "*",
    "port": 443
   }
 ]
```

Property	Description	Default
required	When the required value is set to true, the Application Workspace Satellite Server will not continue to start up when it can't be registered	false
secure	This option is overruled by the certificate option, if a certificate is set then this option will be handled as being set to true. Only required/needed if customers uses TLS Termination / Offloading	
certificate	The friendly name of the certificate Application Workspace Satellite Server should use. SSL/TLS is only used when this property has a value set.	
address	The address of the Application Workspace Satellite Server. Wildcards (*) are permitted.	*
port	The port used by the Application Workspace Satellite Server to receive and handle requests..	80
offloadingPort	Indicates that the listener is HTTPS offloaded (TLS termination). The webserver will use an HTTP listener but will handle incoming traffic as secure.	0