

# RETS / Data Dictionary

Certification & Compliance



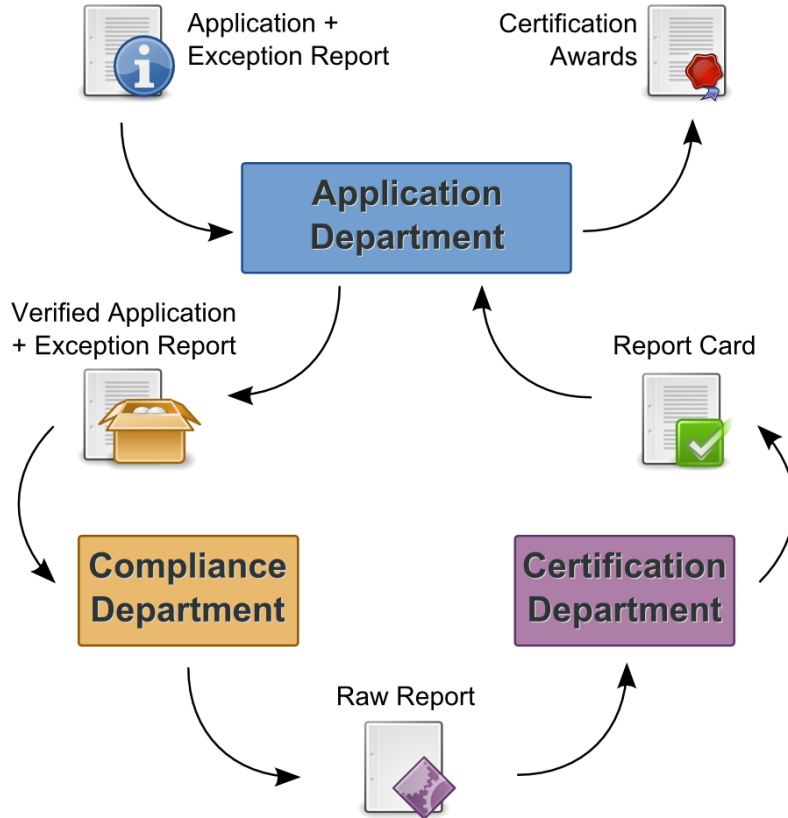
# What is Compliance?



# What is Certification?



# Certification Overview



# Certifications in Process

- RETS 1.8 / 1.7.2 (Beta)
- RETS Client (Beta)
- RETS Servers (Beta)



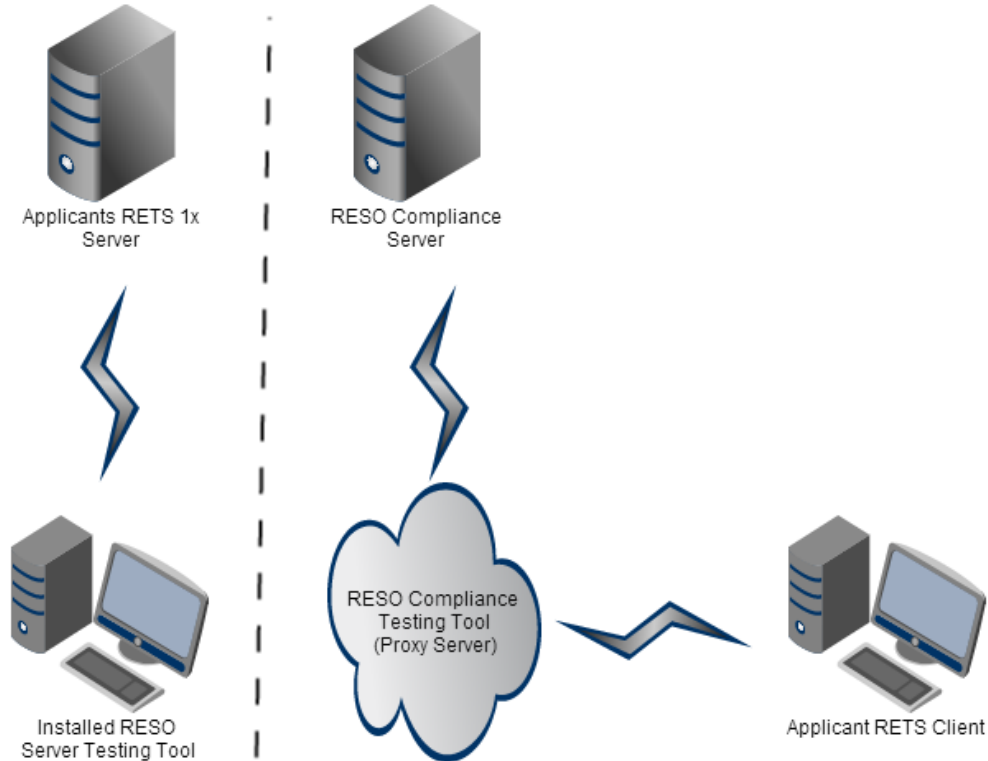
# Applicant Certification Tools

The image shows two overlapping screenshots. The top one is a web browser displaying the 'RESOWG - RESO Client Test Summary' page. The page contains instructions on how to view test results, refresh, reset tests, email results, and save tests to a file. Below the text is a table with columns for Test, Status, Message, and Description. Two tests are listed: 'DigestLoginTest' and 'GetObjectTest'. The bottom screenshot is the 'RESO Compliance Test Platform' application. It features a form with fields for User Name, Password, Server URL, User Agent, User Agent Password, Log Directory, and Results Directory. There are also buttons for 'Run Selected Scripts', 'Configure...', 'Configure DMQL...', 'Select Log Directory', and 'Select Results Directory'. The RESO Version is set to 1.8. The application is developed by Rinix Technologies for RESO.

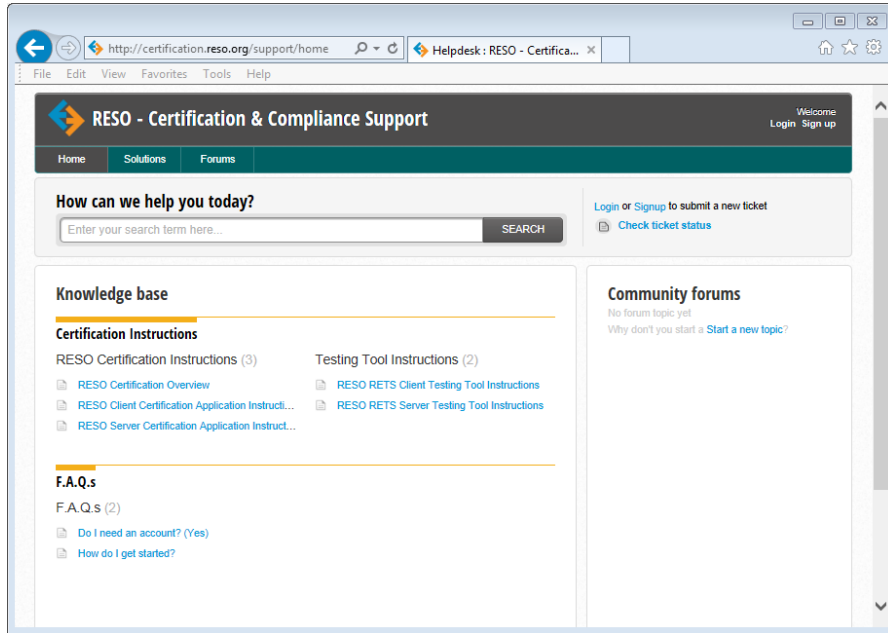
Test	Status	Message	Description
<a href="#">DigestLoginTest</a>			The Digest Login test validates that the client is able to negotiate a digest login to a RETS server. It also validates the required request headers.
<a href="#">GetObjectTest</a>			

- Client / Server Testing Tools
- Server Tool Available via Github
- Demonstrations Tomorrow

# Certification Tool Architectures



# Certification Application System



- Asking Questions
- Submitting an Application
- Knowledge Base, F.A.Q.s, Community Forums

<http://certification.reso.org/>



# Certification Application Instructions

RESO  
Real Estate Standards Organization

RESO Certification Application  
RETS 1.8 Client

Organization Name:

Contact Name:

City:  State:

Phone:  Email:

**Client Details**

Name:

Platform Description:

Client Functionality:

**Schedule Client Review Session**

Preferred Days:  List of Preferred Meeting Day(s)

Preferred Times:  Preferred Time of Day or block of time (Morning, Mid-Day, Afternoon, etc.)

Time Zone:  Eastern, Central, Mountain, Arizona, Pacific, Alaska, Hawaii

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- DOC file
- Submit online

<http://certification.reso.org/>

# Certification Rules Documentation

- What's Required to be Certified?
- Server

Support the required transactions: Search, Metadata and Login.

Support system and standard names functionality.

Optional transactions you support (as indicated by capability urls and metadata) must be compliant.

Support Standard-XML and COMPACT, COMPACT-DECODED

Negative Testing included

Limited DMQL testing for common operators



# Certification Rules Documentation

- What's Required to be Certified?
- Client

Support the required transactions: Login.

All RETS transactions you support (as indicated by exercising your client's normal functionality) must be compliant.

Must be able to function properly when working with a compliant RETS server (i.e. the testing server)



# Data Dictionary Certification

- Requirement Gathering
- Core Fields



# Future Certifications & Enhancements (2015)

- RETS Web API
- RETS 1x Enhancements
- Data Dictionary Enhancements



# Any Questions?

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<http://certification.reso.org/>

