Access to Memory (AtoM) - Bug #13524

CAS authentication service string (service URL) is not configurable

06/09/2021 08:06 PM - Hector Akamine

Status:	Verified		**Start date:**	06/09/2021
Priority:	Medium		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Access Control		**Estimated time:**	0.00 hour
Target version:	Release 2.7.0			
Google Code Legacy ID:			**Tested version:**	2.6
Sponsored:	Yes		**Requires documentation:**	

Description

When using CAS authentication in AtoM, there seems to be an issue when the hostname does not match the host part of the AtoM instance URL, with AtoM generating an incorrect service string (service URL). Ideally we should be able to configure AtoM to set the correct service URL, however this is not currently possible.

History

#1 - 06/09/2021 08:08 PM - Hector Akamine

When using CAS authentication in AtoM, there seems to be an issue when the hostname does not match the host part of the AtoM instance URL.
For example, in a host where the FQDN is hostname.somesub.somedomain.org, but the running AtoM instance URL is
https://atom.othersub.somedomain.org (with a DNS CNAME record mapping atom.othersub.somedomain.org to
hostname.somesub.somedomain.org), when we access the AtoM instance CAS authentication URL (https://atom.othersub.somedomain.org/cas/login
), we would expect that AtoM generates a redirect to the CAS server with a service string that uses the hostname in the URL, i.e.,
https://cas.somedomain.org/cas/login?service=https%3A%2F%2Fatom.othersub.somedomain.org%2Fcas%2Flogin
However, AtoM's generated redirect seems to use the host FQDN instead, i.e.,
https://cas.somedomain.org/cas/login?service=https%3A%2F%2Fhostname.somesub.somedomain.org%2Fcas%2Flogin . This breaks the
authentication mechanism.
Ideally we should be able to configure AtoM to set the correct service URL, however this is not currently possible

#2 - 06/10/2021 04:49 PM - Hector Akamine

PR: https://github.com/artefactual/atom/pull/1314

#3 - 06/15/2021 03:28 PM - Dan Gillean

- *Category set to Access Control*

- *Status changed from New to Code Review*

- *Assignee set to Tessa Walsh*

- *Target version set to Release 2.7.0*

- *Sponsored changed from No to Yes*

- *Requires documentation set to Yes*

- *Tested version 2.6 added*

#4 - 10/07/2021 02:00 PM - Dan Gillean

- *Status changed from Code Review to Verified*

- *Assignee deleted (Tessa Walsh)*

- % Done changed from 0 to 100

- Requires documentation deleted (Yes)

Documentation added to 2.7 as a part of: https://github.com/artefactual/atom-docs/commit/ef836ec995d91573f257f0a2e28e84e7a79dbeeb

See:

- https://www.accesstomemory.org/docs/2.7/admin-manual/customization/config-files/#plugins-arcasplugin-config-app-yml

- % Done changed from 0 to 100

- Requires documentation deleted (Yes)