Technical User Group Agenda

Aug 8th, 2017   *10:00 a.m. – 11:00 a.m. (Pacific Time)*

Web Conference Information		Conference Call Information	
URL:	https://www.connectmeeting.att.com	Domestic Call In:	(866) 528-2256
Meeting Number:	8665282256	International Call In:	(216) 706-7052
Access Code:	6085978	Pass Code:	6085978

Time	Topic	Facilitator
10:00 – 10:05	Agenda & ISO Roll call	Sean Crimmins
10:05 – 10:20	Acceptable Use Policy in Map Stage	John Huetter
10:20 – 10:35	Disabling TLS 1.0 and 1.1	Tom Williams
10:35 – 10:40	Adjourn	Sean Crimmins
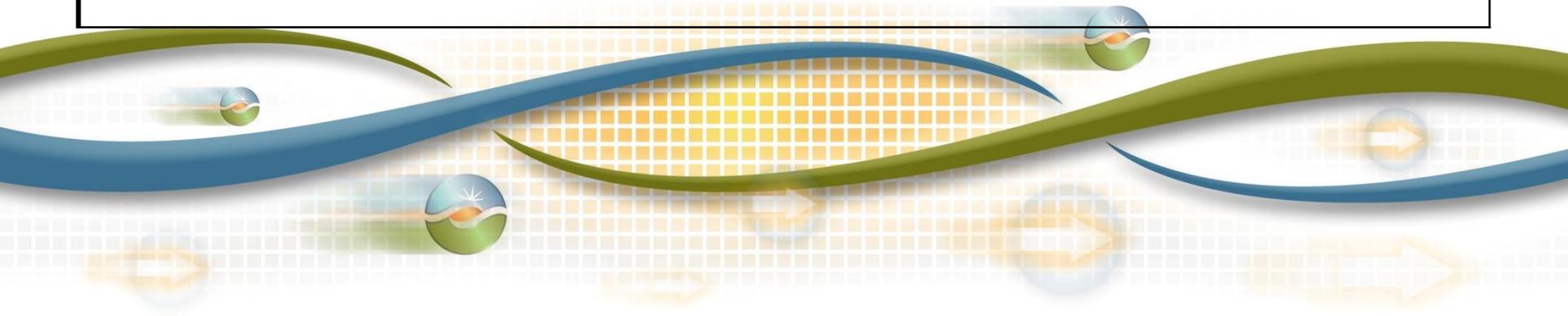
AUP – OMS & BSAP, SIBR, BAAOP

- MAPStage is supported during business hours, M-F

- Sometimes participants are testing API's on their side which floods CAISO systems, thus preventing other users from accessing

- Logs can fill up, causing disk space issues

- Will use same AUP criteria as CMRI

AUP – BSAP, SIBR & OMS

- Thank you to the users who have given their feedback over the past couple of months

- OMS MAPStage AUP Settings as of 8/8/2017
  - AUP will be enforced for Retrieves if the same transaction is seen within 5 seconds, with these permutations:
    - Certificate/User
    - Retrieve Service Invoked
    - And if derived in XML:
      - MRID/Resource ID
      - Market Org Outage ID
      - Begin Date
      - End Date

California ISO

AUP – SIBR & OMS in MAPStage

- Questions???

  – Please create CIDI tickets for tracking purposes
  – You may call the CAISO Help Desk @ 916-351-2309
 – You may reach John Huetter, Systems Integration @ 916-608-5839

For all support tickets, please provide (the more information, the quicker we can resolve):

  – CAISO URL you attempted
  – Error Message, Error Code, Screenshot
  – Time of transaction, please include seconds if possible
  – Certificate Used
  – Source IP (If available)

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Disabling TLS 1.0

MAP-Stage Readiness

August 2017
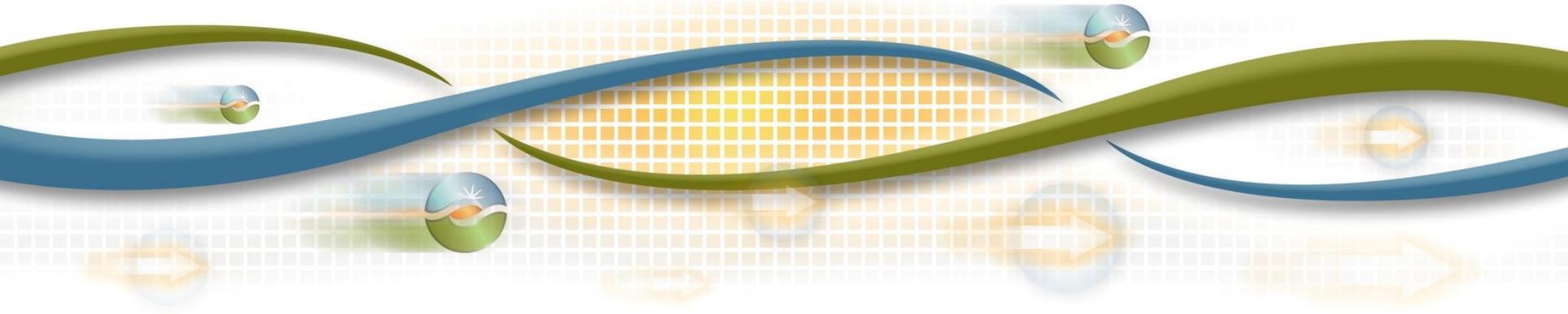
Disabling TLS 1.0

Following best security practice, the ISO is preparing to disable TLS versions 1.0 and 1.1 in its portal environments.

Participants need to ensure that their browser and API clients support TLS 1.2.

The change in MAP-Stage (https://portalmap.caiso.com) is currently scheduled for the week of 8/21/17 and will be preceded by a Market Notice.

This schedule allows time to enable TLS 1.2 in OMS APIs.

Participants should test ADS, OMS, and CMRI UIs and APIs.

Even before the change in MAP-Stage, participants can test by forcing a TLS 1.2 connection, since TLS will always negotiate the highest mutually allowed version.

California ISO

UI Testing
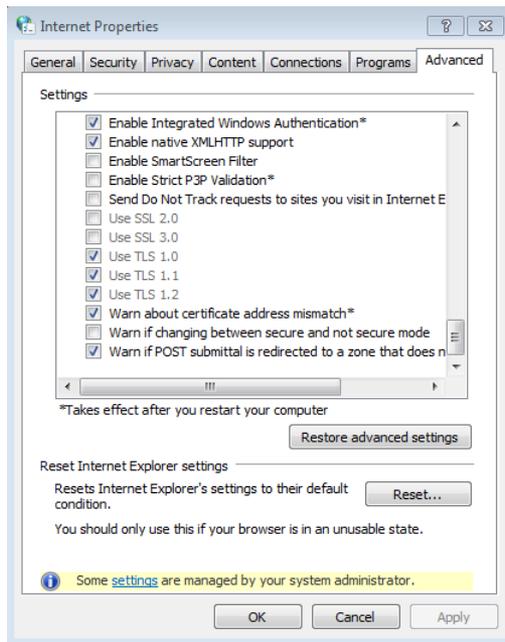
Chrome `Alt + f > Settings > Advanced > System > Open proxy settings > Advanced`

Internet Explorer `Tools > Internet Options > Advanced`

https://www.howsmyssl.com is a good way to check what version of SSL/TLS a browser is using.

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API Testing

Testing APIs is implementation specific.

OpenSSL and cURL are common API testing tools.

```
$ curl --tlsv1.2 https://www.google.com
<!doctype html><html itemscope="" itemtype="http://schema.org/WebPage"
lang="en"><head><meta content="Search the world's information, including webpages, images,
videos and more. G
oogle has many special features to help you find exactly what you're looking for."
name="description"><meta content="noodp" name="robots"><meta content="text/html;
charset=UTF-8" h
ttp-equiv="Content-Type"><meta content="/logos/doodles/2017/dolores-del-rios-112th-
birthday-4853579973132288.2-l.png" itemprop="image"><meta content="Celebrating Dolores del
R¦o" p
roperty="twitter:title"><meta content="Celebrating Dolores del R¦o! #GoogleDoodle"
property="twitter:description"><meta content="Celebrating Dolores del R¦o! #GoogleDoodle"
propert
...
```

California ISO

Wrap-up

Please send agenda items to scrimmins@caiso.com