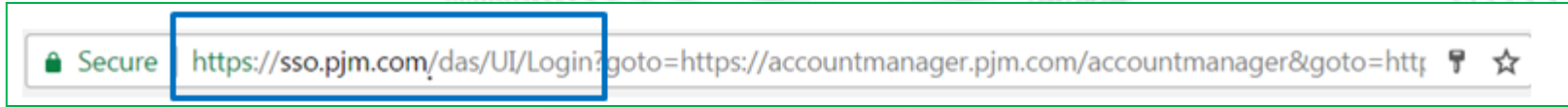




Tools Security Roadmap

As of July 24, 2018

Single Sign On Upgrade



Upgrade of Single Sign On (SSO) backend for PJM Tools

- Does not include eDART, eGADS

Impact

- Login URL/Link Change
 - /das changed to /access
- Change to length of authentication token
- New parameter 'realm' added to authentication response

Area	Impact	Action Required
UI	The sso login url/link	Change any bookmarks that have the old link
Browserless	<p>Token length is shortened from 106 to 98 characters</p> <p>New parameter “realm” added to authentication response</p> <pre> {"tokenId":"ovlimWYKW6qvyDbohAVqgFCark.*",successUrl:"/access/console", "realm":"/"} </pre>	<p>Any code that depends on knowing the length of the token will need to change</p> <p>Any code parsing parameters other than tokenId in the response may need to change</p>

- Execution in phases
- No impacts to browser based usage
- Potential impact to browserless usage
- Actions to take
 - Update bookmarks as needed
 - Update browserless code as needed

Phase 1

- Bulletin Board
- Gas Pipeline

Phase 2

- Emergency Procedures
- Data Miner (v1 legacy)
- Billing Line Item Transfer

Phase 3

- DR Hub
- Planning Center
 - Queue Point
 - Gen Model
- Resource Tracker
- FTR Center
- InSchedule
- Power Meter
- Messages
- Etools

Phase 4

- Account Manager
- ExSchedule
- PCLLRW
- Markets Gateway
- Data Viewer
- eCredit
- eRPM
- OASIS
- Voting
- MSRS

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Single Sign-on Upgrade				 Train Upgrade: July 11	 Prod Upgrade: late August				

