

Tools Security Roadmap

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Impact Details

Product - Action Required	Dates	Who May Be Affected
 ExSchedule & OASIS Obtain valid PKI certificates from approved Certificate Authorities Rewrite Browserless/API authentication code Use PJM provided command line interface (CLI) 	Q3, 2020	 Users of ExSchedule and OASIS 3rd-party Vendors for ExSchedule and OASIS Developers of ExSchedule and OASIS Browserless/API code
 Account Manager Associate valid PKI certificates with user account in Account Manager 	Q3, 2020	Users of ExSchedule and OASIS









2020 Tentative Roadmap

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
PKI for OASIS & ExSchedule	Develop	ment and T	esting				Train & Me	ember Test	ing: TBD	Prod: TBI)	
Browserless/API 2 Factor Authentication		Developm	ent and Te	sting	•		Tr	ain & Mem	ber Testing	j: TBD	Prod (Op	ot-In): TBD

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ExSchedule & OASIS Public Key Infrastructure (PKI)

Browserless/API 2 Factor Authentication



PKI

- On February 4, 2020 FERC issued order to comply with NAESB
 3.2 changes
- Implement PKI to provide secure access to
 - OASIS
 - E-Tagging applications (ExSchedule)
- Existing certs that meet NAESB requirements will be accepted
- When:
 - Train: Q3, 2020
 - Production: Q4, 2020



- Browserless/API 2 Factor Authentication
 - Leverage PKI solution
 - Scope
 - Included: All PJM Tools that are part of Single Sign On and have Browserless APIs
 - Excluded: ExSchedule and OASIS
 - When:
 - Optional in Q4, 2020
 - Mandatory in 2021



https://www.pjm.com/-/media/etools/security/pki-faqs.ashx?la=en