eDART XML Forum

June 14, 2023

- Account Migration Impact to Dart Browserless
  - System Accounts
  - PKI Certificate Requirement
  - PJM CLI Changes
- CDW Member-Agent for Dart Browserless
- Question and Answer Resolution

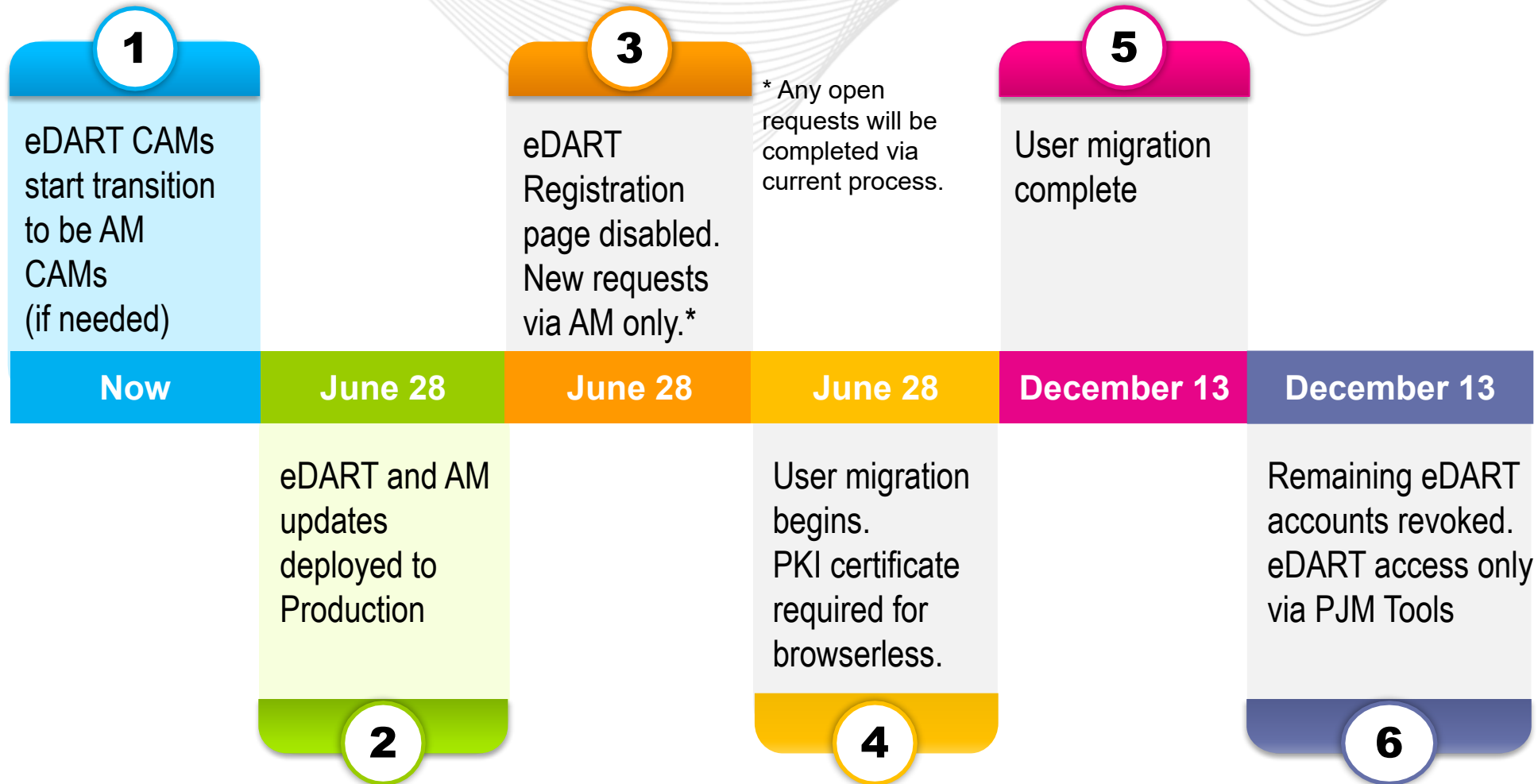# Account Migration Impact to Dart Browserless

With eDART refresh, eDART user accounts will be migrated to Account Manager.

Helpful resources on this topic include:

- [Migration to Account Manager FAQ](#)

- [Presentation](#) and [Recording](#) from 2/22/2023 Special eDART Forum – Account Migration

With the ongoing eDART refresh, management of eDART accounts will be handled exclusively in Account Manager (AM):

- New user account creation

- Granting eDART access to existing user accounts

- Password resets

- Unlocking accounts

- Terminating eDART access

1

eDART CAMs start transition to be AM CAMs (if needed)

Now

2

eDART and AM updates deployed to Production

June 28

3

eDART Registration page disabled. New requests via AM only.*

* Any open requests will be completed via current process.

June 28

4

User migration begins. PKI certificate required for browserless.

June 28

5

User migration complete

December 13

6

Remaining eDART accounts revoked. eDART access only via PJM Tools

December 13

Dates are tentative. Communication will be sent out for each milestone.

System Accounts

- Accounts using the Dart browserless interface must be set up as System accounts in Account Manager.

- They cannot be used to access the UI.

  - Users will need a separate individual account if UI access is desired.

- User account creation required in Account Manager.
  - Account Manager has username requirements that differ from eDART. It is not guaranteed that an eDART username can be utilized in Account Manager because of those requirements and/or the fact that the username may already be in use.
  - Account Manager username requirements:
    - Between 6 and 12 characters
    - First character cannot be a special character. Allowed special characters are ()!$~`^_{}

- 'eDART Generic' company is used currently for users in eDART who do not have eDART CAMs and request generic access.

  - If the user has a Account Manager CAM in Account Manager, follow the Account Manager user registration process previously described.

  - Otherwise, the user must register their user account under the company 'Other'.

- eDART Production and eDART Train access will need to be requested and managed separately in Account Manager.

PKI Certificate Requirement

- Migrated users will require PKI certificate for Dart browserless use (if the system account does not already have one).
  - Requirement is currently in place for other PJM Tools.
  - PKI is not tool specific therefore certificates already set up for use of other PJM Tools can be applied for Dart browserless usage
  - Same PKI certificate can be used in Production and Training
- For more information, see the following in the PJM Security home page:
  - PKI Certificates and PKI/Two Factor Browserless/API FAQs (PDF)
  - PKI Authentication Guide (PDF)
  - Exporting Public Keys Guide (PDF

- Actions Required:
  - Obtain valid PKI certificates from approved Certificate Authorities
  - Make sure 2-Way SSL Connections, Client Certificates, & Connection Renegotiation are enabled at Firewall & Security devices for outgoing PJM SSO traffic
  - Rewrite Browserless/API authentication code OR use PJM-provided CLI
    - PJM CLI setenv.cmd CERTIFICATE property may need to be updated (if not already in use)
      CERTIFICATE=-r "C:\filelocation\cert.pfx|ENC(encrypted password)"

    e.g. CERTIFICATE=-r "C:\Personal\jre\lib\cacerts.pfx|ENC(9s+rtpL/7pkPHy)"

PJM CLI Changes

- Current endpoints (-a parameter):
  - Upload: upload/com.pjm.xml.upload.edart.EDartXmlUpload
  - Download: download/com.pjm.xml.download.edart.EDartXmlDownload
  - Hydro upload: upload/com.pjm.xml.upload.edart.EDartHydroUpload
- New endpoints (-a parameter):
  - Upload: -a rest/secure/upload
  - Download: -a rest/secure/download
  - Hydro upload: -a /rest/hydro

- Current URLs (-s parameter)
  - eDART Production: https://edart.pjm.com/edart/
  - eDART Training: https://edarttrain.pjm.com/edart/
- New URLs (-s parameter)
  - eDART Production: https://edartsso.pjm.com/edart/
  - eDART Training: https://edartssotrain.pjm.com/edart/

- Current PJM CLI = version 1.5.4 or 1.5.5

- New PJM CLI = version 1.5.6
  - Will be available at [PJM - System Requirements](#)
  - Required for use by migrated accounts.
  - Cannot be used by yet-to-be-migrated accounts.

CDW Member-Agent for Dart Browserless

CDW = Company Distributed Workflow

CDW Member-Agent functionality allows one company (Agent) to perform eDART functions on behalf of another company (Member).

– Member is the client of the Agent.

– Agent users will need only one eDART account under Agent.

– Agent users will be able to perform transmission and generation functions in eDART.

– Agent users will be able to switch Members within a single session of eDART. (No need to logout, and login.)

New parameter to be used by CDW Agent user to specify which CDW Member the Dart browserless call is for.

– Parameter = cdwcompany

– Value = Company/Account ID of the CDW Member (number)

– Only available to migrated accounts

– By default, Dart browserless call will be made for CDW Agent

e.g.

%CLIENT% -s %APP_URL% -a upload/com.pjm.xml.upload.edartEDartXmlUpload --httpType POST -q dart=true -f C:/path/to/file -q cdwcompany=12

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