

CDX Node Best Practices for EMTS Industry Nodes

Activity Limits

Industry submitters should limit their Solicit and Submit calls to 75 per minute and no more than 1500 per hour. This applies to both the staging and production environments.

Subsequent GetStatus and Download requests should not be made until after at least 10 minutes have past following a Solicit or Submit call. For transactions that return a status of Pending, additional GetStatus calls should be made at subsequent 30 minute intervals. The total number of GetStatus calls in an hour for a submitter should not exceed 1500.

Submissions should be structured with both the short term and hourly limits in mind. Industry submitters exceeding thresholds enumerated above are subject to account deactivation without notice. Contact the Central Data Exchange (CDX) Node Support Help Desk for disabled accounts or other node related issues.

Network Authentication and Authorization Server (NAAS) Tokens

All transactions should leverage a single NAAS token. Submitters should obtain and use that token for their submission batches (e.g. obtain a token, use the same token for up to 75 Submit/Solicit calls in a minute). The NAAS token remains valid for 20 minutes before expiring.

Account Management

CDX will make every effort to communicate issues with limits and disabled accounts as quickly as possible. To facilitate communication, it is important to maintain up to date account information. Node administrators must work with the CDX Node Support Help Desk to update contact information in the NAAS metadata and maintain

a valid user and domain name for their account, i.e. “@acme.com.” Node administrators must also approve their users and follow all other requirements from the CDX Node Administrator’s Guide, which will be made available at:

<http://www.epa.gov/otaq/fuels/renewablefuels/emtshtml/emtsdocuments.htm>.

Requirements for New Nodes

Approval for new nodes must first be obtained from Office of Transportation and Air Quality. Prior to receiving production submission access, submitters must simulate a production load of Solicit, Submit, and subsequent GetStatus calls in the CDX test environment. The transaction submission pattern must be reviewed and approved by EPA before production node access is granted. Detailed guidance will be included in CDX Industry Node On-Boarding Procedures.

This guidance document will be made available on the EMTS website at:

<http://www.epa.gov/otaq/fuels/renewablefuels/emtshtml/emtsdocuments.htm>.

Contact Information

CDX Node Support: nodehelpdesk@epacdx.net or 888-890-1995 (select option 2). *The Node Support Help Desk manages issues relating to NAAS Authentication and Nodes. It is staffed between the hours of 8:00AM and 6:00PM (EST).*

CDX Helpdesk: helpdesk@epacdx.net or 1-888-890-1995. *The CDX Helpdesk supports CDX Login and general CDX support issues.*

EMTS Support: support@epamts-support.com or 800-385-6164. *EMTS Support manages questions and issues about the EMTS web application. It is staffed between the hours of 9:00AM and 5:00PM (EST).*