DraMS New User Setup

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XINA Setup

XINA (XINA Is Not an Acronym) is a website that provices data visualizations for DraMS telemetry.

1. Open a NAMS request for "GSFC DraMS XINA" at https://idmax.nasa.gov/nams
2. Once access has been granted, visit XINA at https://drams.xina.io

SED GitLab Setup

SED Gitlab hosts several projects needed for DraMS.

1. Open a NAMS request for "GSFC SED GitLab (Code 600)" at https://idmax.nasa.gov/nams
2. Once access has been granted, ask a Maintainer for access to

- https://sed-gitlab.gsfc.nasa.gov/drams (operators, developers)
- https://sed-gitlab.gsfc.nasa.gov/699 (developers)

3. Visit SED GitLab at https://sed-gitlab.gsfc.nasa.gov

DRAMSIOC Setup

DRAMSIOC is a general use VM that has been set up for use by the DraMS GSW team. We will be using DRAMSIOC to host the Subversion (SVN) repository containing the telemetry files captured in the lab.

DRAMSIOC can only be reached by setting up an SSH tunnel. This requires your NASA badge and a computer with a badge reader.

1. From outside the lab, set up an SSH tunnel to DRAMSIOC. VM SSH Tunnel Setup
2. Create an RSA public/private key
   TODO
3. Copy your public key to DRAMSIOC
   TODO
4. Create an SSH config file in C:/Users/dramsops/.ssh/ named "config". Replace YOUR_USERNAME below with your NASA username (e.g., mrburkh1)

   ```
   Host dramsioc
       Hostname dramsioc.gsfc.nasa.gov
       PubKeyAuthentication yes
       User YOUR_USERNAME
       LocalForward 6994 localhost:3690
       TCPKeepAlive yes
   ```

5. Open the SSH: In a Command Prompt type `ssh dramsioc`
6. Checkout (or Update) the "dramsdata" SVN repository. Using TortoiseSVN, right click on a location in the Windows Explorer and select "SVN Checkout". For the "URL of repository" put "svn://localhost:6994/dramsdata".

Secure Lab Enclave (SLE) Setup

The Secure Lab Enclave (SLE) is a private network accessible from the lab (B37/S118 for DraMS). GSE computers in the lab can be accessed remotely through the SLE.

1. Log into the SLE website with your NASA credentials: https://sleaccess.sci.gsfc.nasa.gov/
2. On Windows, open Remote Desktop Connection and enter the IP for the GSE computer you want to access:

- GSE-1 - 10.171.37.130
- GSE-2 - 10.171.37.131
- GSE-3 - 10.171.37.132 (on loan to the Electrical team in B23/E320)
- PSU - 10.171.37.133 (network-accessible power strip in B37/S118)
- GSE-4 - 10.171.37.134 (on loan to the Electrical team in B23/E320)
- GSE-5 - 10.171.37.135 (in the DRAMATTIC rack in B29/154)
- GSE-6 (new)
- GSE-7 (new)
- GSE-8 (new)