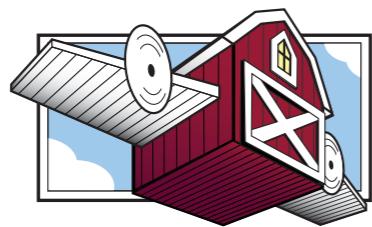


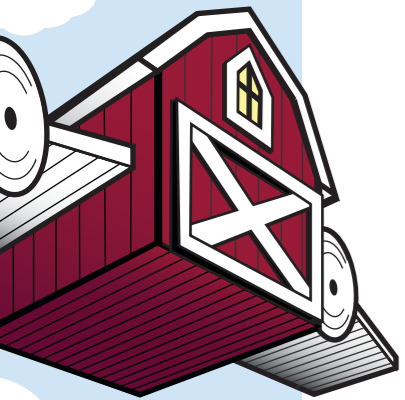
Virtual Topology Service



BARNSTORMER
S O F T W O R K S

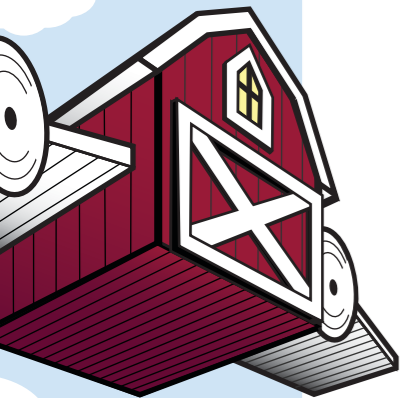
Agenda

- Introduction
- Features
- Demo
- Future Work



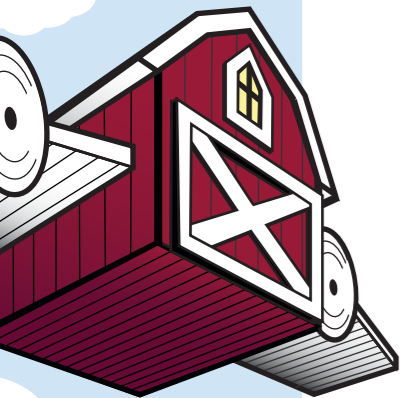
Introduction

- What is VTS?
 - Provides virtual topologies on GENI infrastructure
- How do I use it?
 - <https://barnstorm.atlassian.net/wiki/display/VTS/Experimenters>



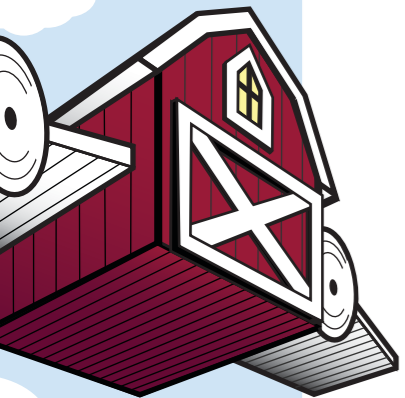
Introduction

- Where can I use it?
 - Utah DDC
 - Illinois
 - MAX
 - GPO

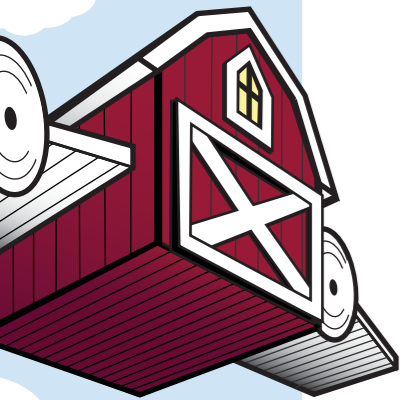


Features

- Multiple (ish) datapath options
 - Open vSwitch 2.x
 - OF 1.0, OF 1.3, MAC Learning
- sFlow metrics
- WAN circuits

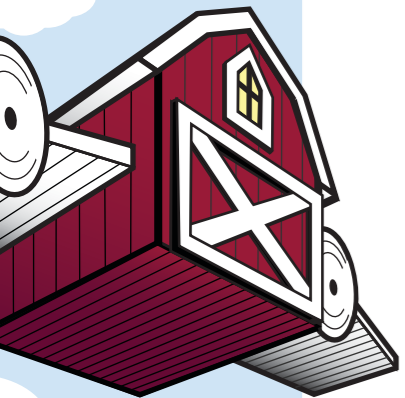


- Demo!



Coming Soon!

- Operational Actions
 - Port up / down
 - Insert new datapath / link
 - Tap link (packet capture)
- OVS Netflow Support
- IPSec Circuit Support



Somewhat Less Soon!

- ExoGENI Support
- New Datapaths
 - Indigo Virtual Switch
 - LINC
- SSL VPN support

