The NSF Bro Center of Expertise
The first year
Last October...

A Bro Center of Excellence for NSF Communities

- Help you get started
- Create the templates and designs for easy monitoring and cluster setup
- Provide support for existing setups
  - Could be extending or optimizing
- Adding the features these communities need & building community
First, apologies to confused patrons
New Outreach Coordinators

Jeannette Dopheide - NCSA

Doris Schioberg - ICSI
Major Training Events

• BroCon 2014 (150+ attendees!)
  – 2015 at MIT (maybe 200+?)
• DOE Workshop Spring 2014
• Cyber Security Summit
Collaborations

• Helping CTSC with Summit and engagements
• Working with ESNet & Others on SDN integration
  – Join sdn@bro.org list
• Expect to see us at Internet2 Tech Exchange & SC
Engagements

• Who are we working with?
  – Universities: Big & small
  – NSF MFRCs
  – Even K-12 School districts
  – Corporations interested in EOT

• What are we doing
  – Developing materials
  – Helping troubleshoot setups
  – Taking feedback for future features
  – Helping plan for new installations
Bro Skunkworks

• *We’ve been working on a few things*...
• Try.Bro (Justin Azoff)
  – Bro from a phone, help someone over chat, self-training
• Bro Live! (Jon Schipp)
  – Training VM **NOT** required...Beta release at this BroCon!
• Bro Teaching Community (Doris Schioberg)
  – Bro in the classroom
• The More You Bro (Jeannette Dopheide)
  – Byte-sized Bro
  – Complements the blog
Bro Live!
Bro Teaching Community
The More You Bro
The Challenge

- Bro and Education Outreach
- Task: produce videos for a new series called The More You Bro
  - 5-10 minutes in length
  - focus on a single task/topic
  - approachable to new users
  - include screencasts of Bro
  - scripted, with good AV quality
First Video

• We reached out for help drafting a short list of topics for videos
• Jon Schipp expressed interest in working on the project
• Brainstorming meeting to identify task list for the first video
  – Settled on "Log Parsing Tips and Tricks" as the first video
The Process

• Pick a topic
• Use blog posts and Bro documentation to draft a script
• Sent script to the team for technical feedback
• Shoot the video (set aside enough time)
• Edit the video, request feedback
• Post to YouTube, Twitter, and Google+
Lessons Learned

• Keep the script light
  – Focus on a few main points, relaxed ton
• Learned a lot about video editing
  – Record the screencast first, audio second
  – Software: Camtasia, Snagit, iMovie, QuickTime
  – Recording room and equipment
• Prepare title and transition slides to fill in gaps
The Future of TMYB

• TMYB series is our most popular Bro videos to date
• Goal: hit one thousands views
• Future topics:
  – What is Bro?
  – Installing Bro
  – Loading Scripts
  – Suggestions welcome: info@bro.org
What’s coming?

• More focus on SDN & the Science DMZ concept
• More workshops & meetings
• More videos
• Embeddable try.bro.org
• Bro in the classroom
• A new website???