

perfs--NAR

# perfSONAR Training and Documentation

**perfSONAR f2f meeting, Bloomington, IN**

Scott Chevalier, Doug Southworth (IU), Szymon Trocha (PSNC/GÉANT)

**May 20-22, 2019**



perfs--NAR

#doc-a-thon



# No more CMS-based storage

## perfSONAR Training Materials

### (1) Introduction and Motivation

This set of materials gives a similar overview of why perfSONAR is necessary, and how it can be deployed on a network. This presentation is more suited for those with technical knowledge.

- perfSONAR-1-Intro\_and\_Motivation-v2.pptx [Français PPTX]
- perfSONAR-1-Intro\_and\_Motivation-v2.pdf [Français PDF]

### (2) Installation and Basic Configuration

These materials walk through the basic setup of a perfSONAR node. This presentation is more suited for those with technical knowledge.

- perfSONAR-2-Installation\_and\_Basic\_Configuration-v5.pptx
- perfSONAR-2-Installation\_and\_Basic\_Configuration-v5.pdf

### (3) Deployment and Regular Testing

This set of materials can be used to setup a monitoring and testing approach, using a dashboard. This presentation is more suited for those with technical knowledge.

- perfSONAR-3-Deployment\_and\_Regular\_Testing-v3.pptx
- perfSONAR-3-Deployment\_and\_Regular\_Testing-v3.pdf

### (4) Security & Node Maintenance

This brief presentation outlines some essential security practices and basic operation for perfSONAR. This presentation is more suited for those with technical knowledge.

# Summary of repositories changes

Internal Archives

Udostępnione... > perfSONAR Collabo... > perfSONAR Training and ... > Training Resourc...

Nazwa ↑	Właściciel	Ostatnio edytowane	Rozmiar pliku
perfSONAR Videos Archive	ja	16:06 ja	–
Slide Decks Archive	ja	04:08 ja	–
Workshops Archive	Scott Chevalier	04:05 ja	–
+++TRAINING MATERIALS ONLY+++	ja	04:14 ja	–

- Just old archives

Public RO

My Drive > perfSONAR Training Documents

Name ↑	Owner
~ PPT File Version	me
Google Slides Training Decks	me
Meshbuilder Workshop Files	me
READ ME	me

- Linked from perfSONAR main page
- No multiple slides versions (leave versioning to Google)
- Includes project template

# perfs--NAR

## Main part



# Not so good CMS

- It's been a long time fight
- Replacement is not that troublesome
  
- but
  - are there any hosting constraints?
  - are there preferences for CMS - can hosting organisation/admin choose?

# YT channel news

+32 since last f2f



perfSONAR Project  
164 subskrypcje

DOSTOSUJ KANAŁ YOUTUBE STUDIO (W WERSJI BETA)

GLÓWNA WIDEO PLAYLISTY KANAŁY DYSKUSJA INFORMACJE

Przesłane filmy ODTWÓRZ WSZYSTKIE SORTUJ WEDŁUG

Thumbnail	Video Title	Views	Time
	pSConfig Web Admin - CI Brownbag Series Webinar	52 wyświetlenia • 2 tygodnie temu	45:09
	perfSONAR with Ansible - CI Brownbag Series Webinar	56 wyświetleń • 3 tygodnie temu	49:55
	pShooter Demo	523 wyświetlenia • 6 miesięcy temu	26:49
	TWAMP implementation in perfSONAR - CI Brownbag	514 wyświetleń • 6 miesięcy temu	1:04:24
	Know Your Limits Webinar	89 wyświetleń • 6 miesięcy temu	1:01:56
	jq Scripting Language Tutorial Webinar	2,3 tys. wyświetleń • 1 rok temu	1:19:00



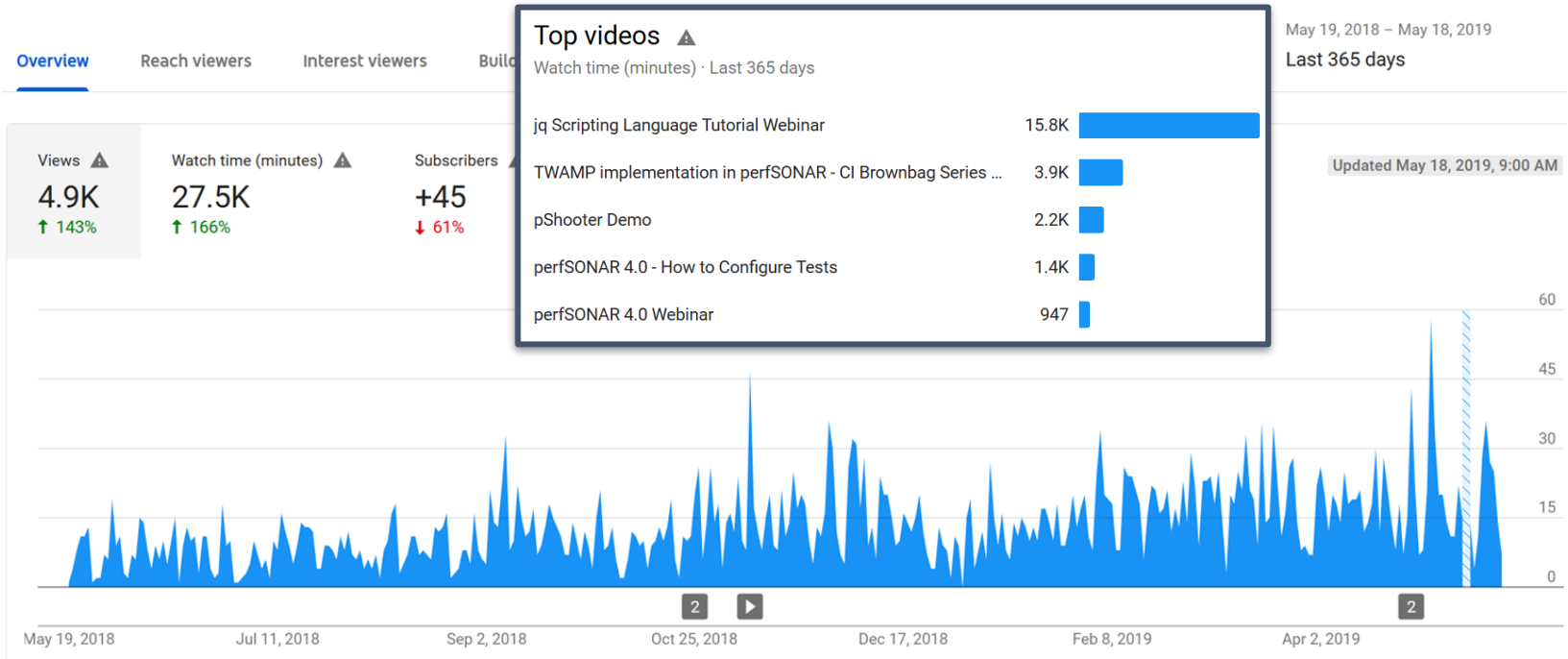
October 17-18, 2018



© 2018, <http://www.perfsonar.net>



# YT channel stats





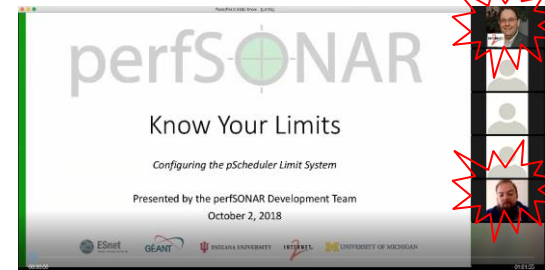
# Practical suggestions for recording webinars

Comments from previous f2f still valid

## +++Essential Tips For Recording a Webinar+++

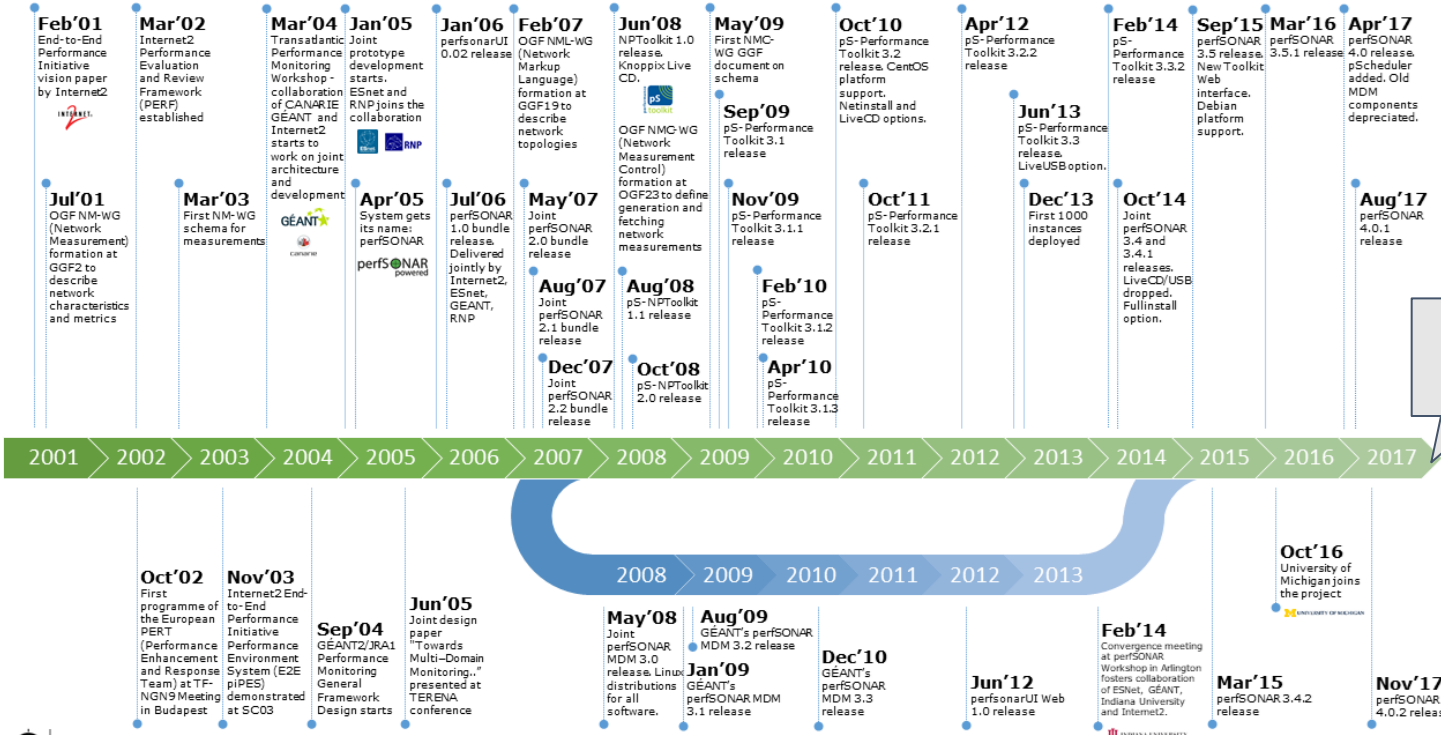
<https://docs.google.com/document/d/1QXY6L-xKkjkNj5D7A96CmzgfYwUlqQHJrNoercHARcE/edit?usp=sharing>

perfSONAR Training and Documentation -> Training Resources -> perfSONAR Videos



# History continues... reminder

## perfSONAR HISTORY TIMELINE



ends 2017

really no more space here

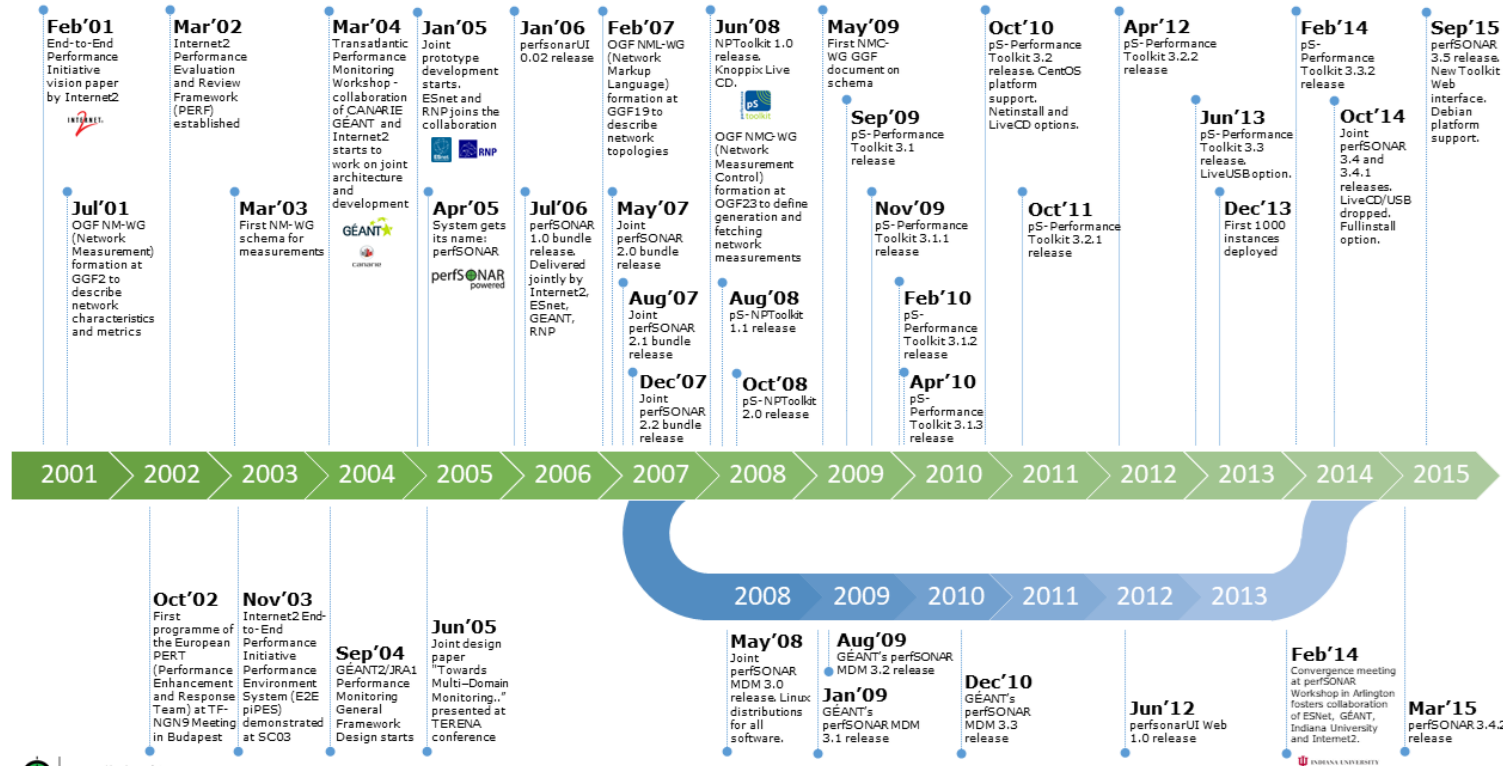


# History continues (episode VIII)

- **2018**
  - 04.07.2018 GEANT launches PMP (small nodes) service
  - 15.08.2018 perfSONAR 4.1 release. A new component pSConfig replaces the MeshConfig. TWAMP tool added.
  - 27.08.2018 perfSONAR 4.1.1 release. The versioning scheme adjusted.
  - 13.09.2018 perfSONAR 4.1.2 release
  - 24.10.2018 perfSONAR 4.1.3 release
  - 26.11.2018 perfSONAR 4.1.4 release
  - 17.12.2018 perfSONAR 4.1.5 release
- **2019**
  - 25.02.2019 perfSONAR 4.1.6 release

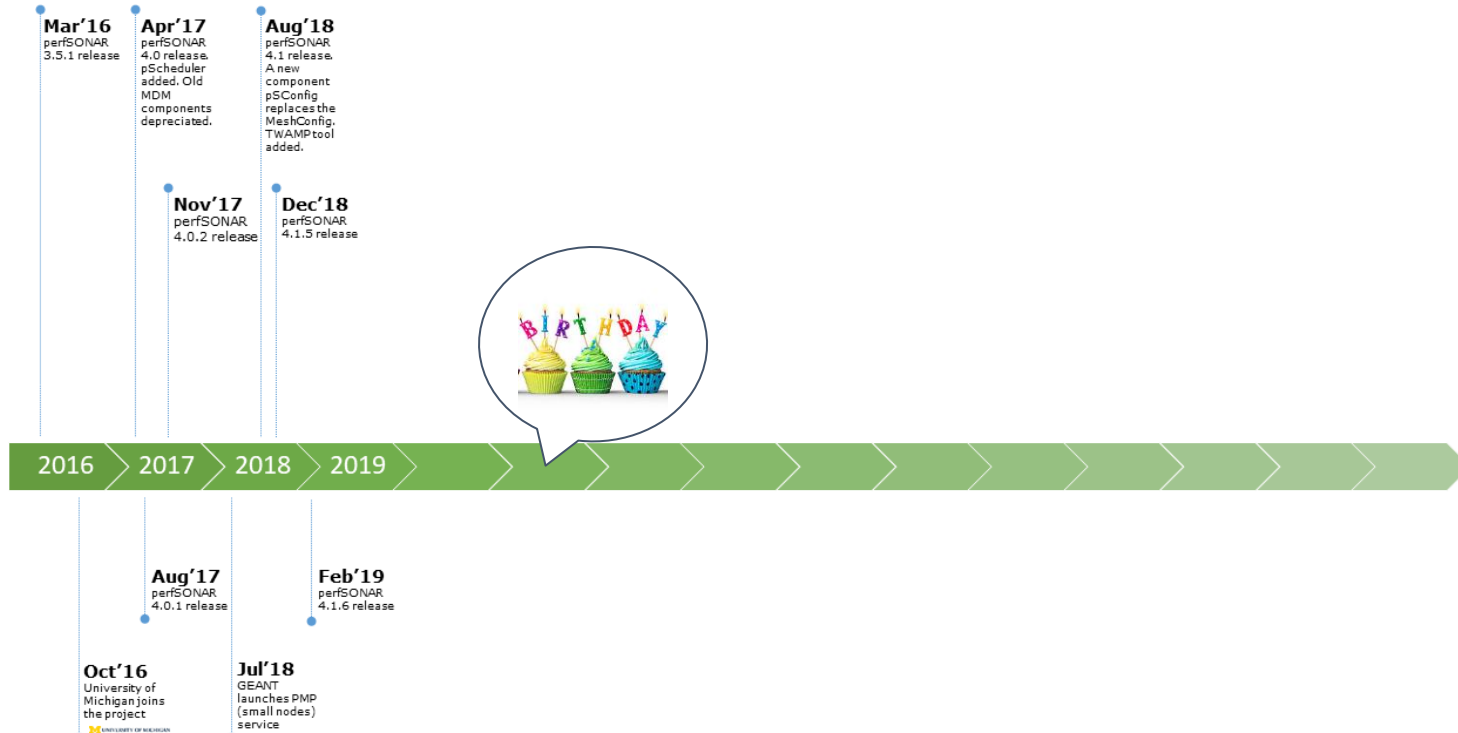
# perfSONAR history - 2001 - 2015

## perfSONAR HISTORY TIMELINE 2001 - 2015



# perfSONAR history - 2016 and beyond

## perfSONAR HISTORY TIMELINE 2016 - present



# Quicksheets reminder

- Still a very good idea...
- MaDDash/pSConfig Quicksheet is up and thoroughly tested
  - <https://drive.google.com/open?id=1k7FT66MKPy3JjpD5k0OFAFITpSdFmZ6huhTUDQ2rGGY>
- Meant to be a no-frills introduction and base setup step-by-step guide for download/distribution
  - Should include seeder links to deeper material on the subject
- More (still) in progress
  - Toolkit setup
  - Maddash Threshold Modifications

# Short term plans

- Polish new public shared drive (readme/howto/intro during training call)
- 4.2 docs preparation and review
- LS statistics based on (awaken) LS report
- perfSONAR in the Cloud pages/Quicksheets <?>
- More and more workshops
  - European perfSONAR workshop in London
  - TNC19
  - others - see next page

# Active Training Programs

- NEAAR “Meshbuilder” Workshops
  - Past: Kenya, Ghana, Zambia, Tanzania, Morocco,
  - Coming Soon™: Mozambique
- TransPAC/Asi@Connect Workshops
  - Past: APAN Conferences twice yearly, Laos Meshbuilder
  - Coming Soon™: India Meshbuilder and APAN 48 MaDDash deep dive
- Domestic Workshops
  - EPOC Research(er)-oriented Deep Dives looking at improving science
  - EPOC Roadside Assistance
  - TechEx
- Others?



# perfs-ONAR

## perfSONAR Training and Documentation

perfSONAR f2f meeting, Bloomington, IN

Scott Chevalier, Doug Southworth (IU), Szymon Trocha (PSNC/GÉANT)

May 20-22, 2019

The scientific/academic work is financed from financial resources for science in the years 2019 - 2022 granted for the realization of the international project co-financed by Polish Ministry of Science and Higher Education.

