Building and Maintaining the Nagios Ecosystem

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Topics Covered

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- ➢ What is Nagios?
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About Me

- ➢ IT Manager @ Nagios Enterprises
- ➢ Nagios Team Member Since 2011
- ➢ Nearly 20 Years in IT Industry
  - ➢ 12 Years in Senior Management
  - ➢ Ran an ISP when 28.8k Modems were the Rage…
- ➢ Degree in Computer Programming
  - ➢ Some Development at Nagios
  - ➢ Primary Role - Oversee IT Operations
    - ➢ Developers / Support Staff

What is Nagios?

- ➢ Nagios was Synonymous with Nagios Core
- ➢ Nagios is a Brand / Trademark
  - ➢ Covering Numerous IT Related Software Areas
    - ➢ Many Fully Open Source
      - ➢ Nagios Core / NDOutils / NRPE / NSCA /NSTI / NCPA / etc.
    - ➢ Several Commercial Products
      - ➢ Nagios XI / Fusion / Incident Manager / Network Analyzer
- ➢ Over 5.6 Million Source Download Since 2001

Nagios History

➢ Nagios Core First Released in 1999 as NetSaint

    ➢ by Ethan Galstad

➢ 2001 Project Name Changed to Nagios

➢ 2007 Nagios Enterprises Founded

➢ 2009 Nagios XI Released

Commercial Nagios

➢ Will Commercial Versions of Nagios Affect Open Source Core?

➢ Commercial Version will Likely Enhance Core

  ➢ Additional Exposure to Nagios Through Marketing Efforts

  ➢ Additional Addons Which Can Be Used In Core

  ➢ Additional In-House Resources Available to Start Other Open Source Projects

Nagios News

- ➢ Nagios Core 4 Released - 9/20/2013
  - ➢ 700% Performance Increase Over Nagios 3
  - ➢ Core Workers
    - ➢ Remove Disk I/O Bottleneck
    - ➢ Possibility to Distribute Load to External Workers
  - ➢ Query Handler – Simple Interface to communicate with Nagios Core
  - ➢ Coming Soon! JSON API

Nagios News cont.

- ➢ Nagios Cross Platform Agent (NCPA)
  - ➢ One Source Base
  - ➢ Many OS's – Windows/Linux
- ➢ Nagios Network Analyzer Released
  - ➢ NetFlow Analyzer
  - ➢ Commercial Product Built on Open Source
- ➢ Search for Next Generation Nagios Stars
  - ➢ http://go.nagios.com/nextgenstars
  - ➢ nextgenstars@nagios.com

The Nagios Ecosystem

- Def. *Community of Interacting Organisms*
- Nagios Core Does Nothing Until Extended
  - Causes Additional Open/Closed Source Projects
- Key Addons
  - NSCA / NRDP / NRPE / NDOutils / NSTI / NCPA
  - 4000+ Projects on http://exchange.nagios.org
- Commercial Projects Use Same Philosophy
  - Extendable
  - Use Open Source When Possible

Nagios Challenges

- Guard The Code
  - Protect Against Scope Creep
    - This is where addons / plugins should be used
  - Patch Review / Testing / Acceptance Process
- Protect The Brand / Trademark
- Project Begs to be Extended
  - Changes to Core Could Affect 1000's of Addons
- Misconceptions:
  - Nagios Enterprises Only Supports Paid Clients
  - Free Version Could Disappear

How to Support Nagios Project

- Feedback
  - New Features / Projects / Addons
  - Report Bugs
    - Submit Patch
  - Assist Community Members / Users
    - http://support.nagios.com/forum/
- Financial Support
  - Send Donation ;-)
  - Consider Commercial Solutions Built on Open Source

Question & Answer / Ask Nagios!

- New Product Ideas (What would be useful?)
- Current Product Feature Improvements
- Current Product Feature Additions
  - Nagios Core
  - Nagios XI
  - Nagios Network Analyzer
  - Nagios Incident Manager

Contact Information

- ## Support

  - ### http://support.nagios.com/forum/

- ## Basic Contact Info

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