

ICINGA - Open Source Monitoring Today & Tomorrow

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Icinga is a fork of Nagios. Though it has retained existing Nagios features, it has added PostgreSQL and Oracle support; an API based modular architecture; a new dynamic UI on top of many patches.

This talk will introduce Icinga's technical foundations, demonstrate how it's designed to enable greater redundancy in complex, networks and discuss recent developments.

We'll share our latest technology preview, Icinga2 v0.0.1 – a Nagios core rewrite in which we hope to address shortcomings inherited as a fork. These include complicated configuration, the inability to implement changes without breaking addons and limited access to the runtime state of Icinga (e.g. to query a service's state or create new services dynamically).

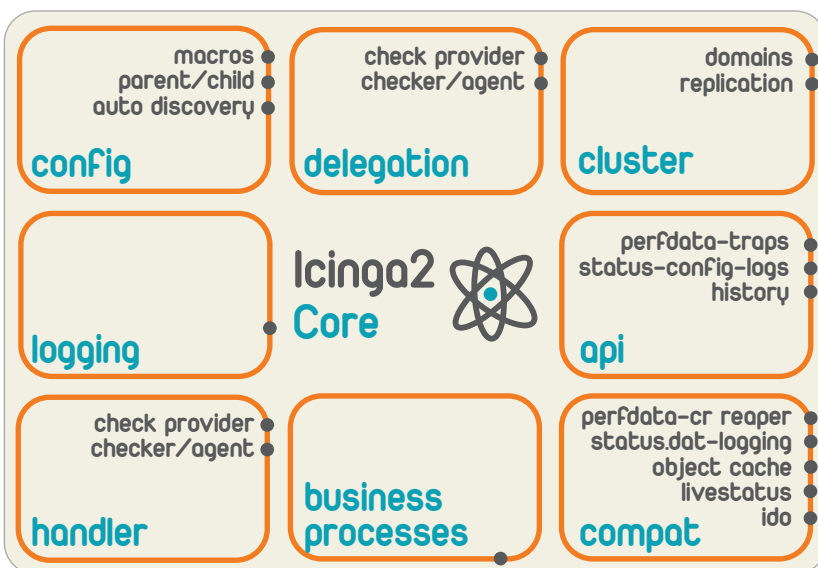
To deal with these issues, we're building the Icinga2 core replacement framework from scratch in C++, remodelling the execution of monitoring checks and designing a new component loader architecture. This talk will explain our development plans and how it will make Icinga2 more efficient, easier to scale and configure in large environments.

The presentation will close with a demo of the new web interface with its new features and integrated addons, as well as a peek into the development roadmap ahead.

In joining this presentation, experience with network and systems monitoring will be useful but not essential.

More information: www.icinga.org/about/icinga2

dev.icinga.org/projects/i2/roadmap



Icinga2 component loader architecture

WHAT IS ICINGA?

ICINGA is an enterprise grade open source monitoring system which keeps watch over networks and any conceivable network resource, notifies the user of errors and recoveries and generates performance data for reporting.

Scalable and extensible, ICINGA can monitor complex, large environments across dispersed locations.

ICINGA takes open source monitoring to the next level.

