perfSONAR – PuNDIT Agent Integration
Block Diagram

perfSONAR

OWAMP / Owping
Traceroute
Paris Traceroute

Meshconfig

Central config
hostname:port
mesh_id

Agent tasks
config

pScheduler

Task:
  trace
Tool:
  paris-traceroute
  traceroute

Task:
  latency
Tool:
  owping

config

PuNDITCentral

PuNDIT
Central
Server

Central
config

PuNDIT
Archiver

Archiver
config

Traceroute Data
Delimited Format

RabbitMQ
Exchange

OWAMP Data
JSON Format
100 ms samples
Raw Data

Agent
config

Local
config

PuNDIT Agent

Status Data
Delimited Format
5 sec windows

OWAMP Data
JSON Format
Saved Problems

PuNDIT Agent