1 Howto 2 Introduction 2.1 Introduction 2.2 **OpenNMS** 2.3 Capability Overview 2.4 License Information 3 User 3.1 Accessing the WebUi 3.2 Reading SLA Category Data 3.3 **Reading Graphs** 3.4 **Acknowledging Notifications** 3.5 Creating Tickets in a Ticket System 3.6 **KSC** Reports 3.7 **Standard Reports** 3.8 Asset Management 3.9 Standard Services (out of the box) Surveillance Views 3.10 3.11 **Mobile Access** 4 Administrator 4.1 The administrators workflow 4.1.1 Everything is an event 4.1.2 Set out a trap 4.1.3 Interpret and decide 4.1.4 Share and Alert 4.1.5 Service Monitoring **Data Collection** 4.1.6 4.1.7 **Alarms** 4.1.8 **Automations** 4.2 Data Analysis 4.2.1 Syslog

4.2.2

4.2.3

4.2.4

Thresholding

Trap Handling

Automations

4.2.5 ScriptD 4.2.6 Path Outages 4.2.7 **Filters** OpenNMS Base 4.3.1 Deployment 4.3.2 Installing 4.3.3 System Architecture 4.3.3.1 **Eventd** 4.3.3.2 Sizing 4.3.4 User Management and external Authentication 4.3.4.1 LDAP 4.3.5 Debugging 4.3.6 **System Configuration** 4.3.6.1 Adding new Services 4.3.6.2 Adding new Devices 4.3.6.3 **OpenNMS** Configuration 4.3.6.4 **Scheduled Outages** 4.3.6.5 Managing Configuration 4.3.7 Backup & Restore 4.3.8 **Security Considerations** 4.3.9 Houskeeping Provisioning 4.4.1 One chapter per way to provision with provisiond 4.4.2 CapsD & Discovery 4.4.3 Surveillance Categories **Active Polling** 4.5.1 Monitoring 4.5.2 Passive Status Keeper 4.5.3 **DHCPD** 4.5.4 **SNMP Poller Data Collection**

SNMP Datacollection

HTTP Datacollection

4.3

4.4

4.5

4.6

4.6.1

4.6.2

- 4.6.3 JMX Datacollection
- 4.6.4 WMI Datacollection
- 4.6.5 NSClient
- 4.6.6 LinkD
- 4.6.7 JDBC Datacollection
- 4.7 Presenting Information
 - 4.7.1 Graphical Representation
 - 4.7.1.1 Maps
 - 4.7.1.2 Graphing
 - 4.7.1.3 Extending Reports
 - 4.7.2 Workflow Integration
 - 4.7.2.1 Notifications
 - 4.7.2.2 Alarm Management
 - 4.7.2.3 Ticketing Integration
 - 4.7.2.4 Asterisk Gateway
- 4.8 Asset Management
 - 4.8.1 Asset Management
 - 4.8.2 SNMP Asset Adapter
- 5 Bug reporting, Information Sources
- 6 Popular Discussions
- 7 Design patterns and best practices