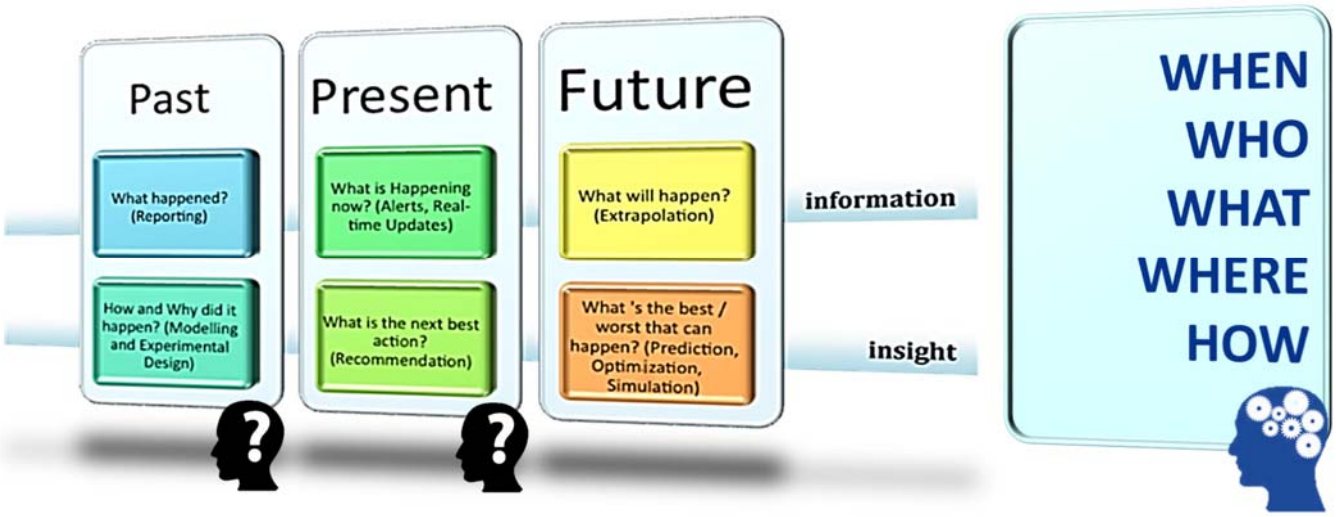
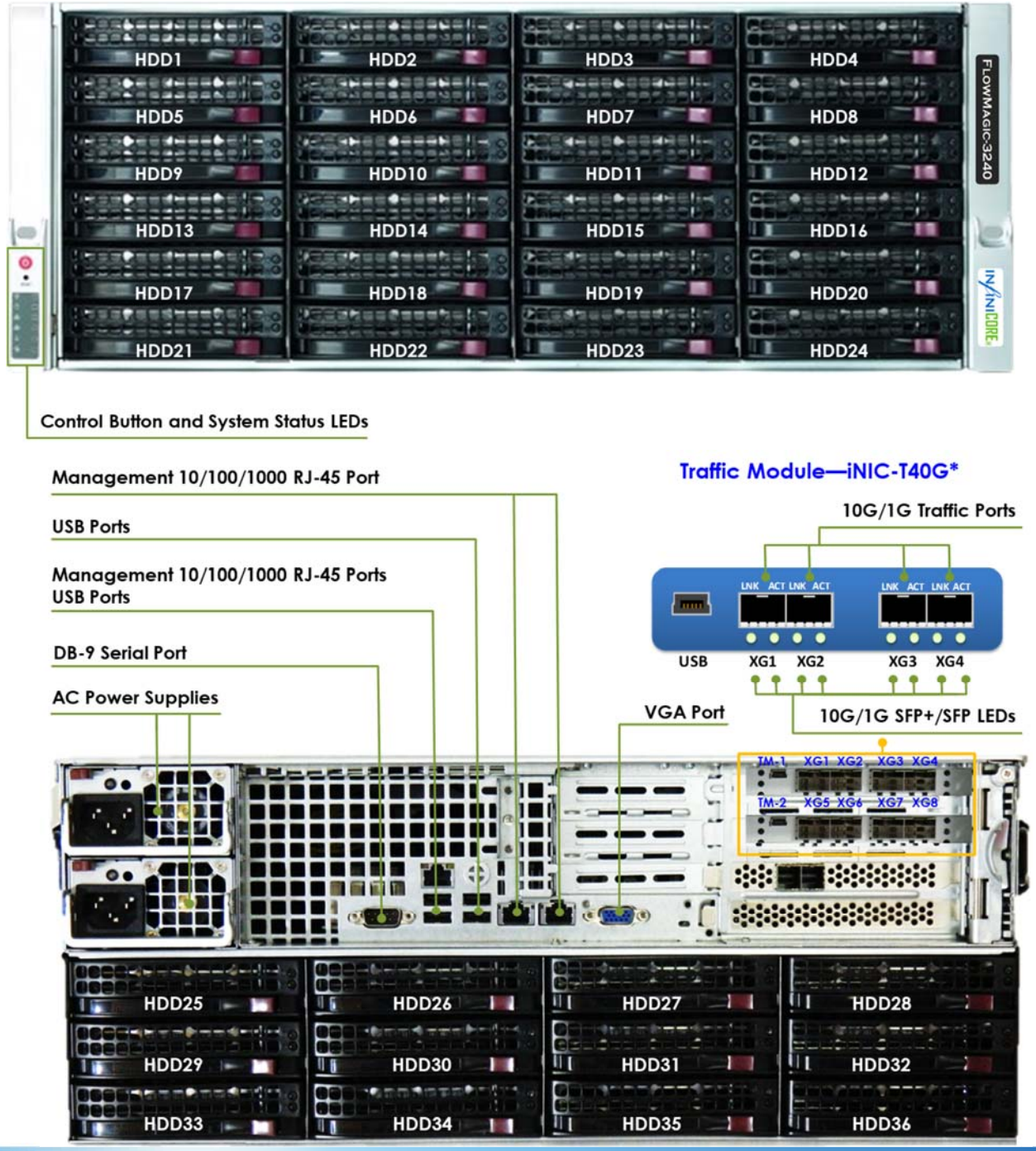


FlowMagic — The Data Mining Machine

FlowMagic-3240 Quick Start Guide

FlowMagic-3240 Quick Start Guide



Warning: After power on, due to its large memory size, the system will take about 2 minutes to finish the Power Self Test.

After that, the main screen will be turned on and the boot will continue.

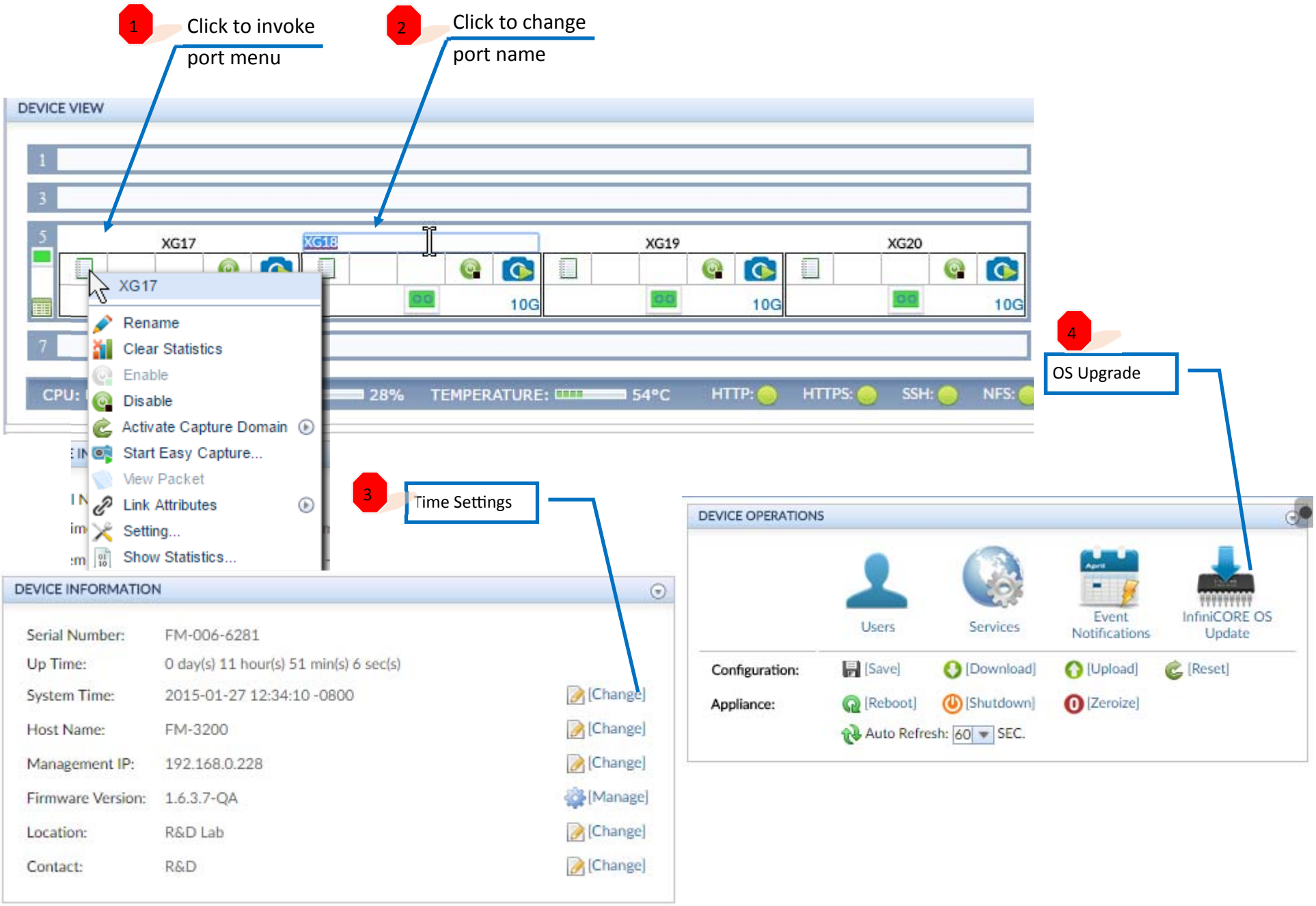
Data Drives Selection Guide

- 3.5” SATA Drives
- Up to 16 TB

The available iNIC Traffic Modules

Part Number	Description	Port Count	Port Specification
iNIC-T2G/T4G/T6G-RJ45	Dual/Quad/Six Ports Copper (RJ-45) 10Mb/100Mb/1Gb Intelligent Network Interface Module	2, 4 or 6	10Mb/100Mb/1Gb RJ45
iNIC-T2G/T4G/T6G-SFP	Dual/Quad/Six Ports SFP 10Mb/100Mb/1Gb Intelligent Network Interface Module	2, 4 or 6	10Mb/100Mb/1Gb SFP Fiber
iNIC-T20G/40G-RJ45	Dual/Quad Ports Copper (RJ-45) 1Gb/10Gb Intelligent Network Interface Module	2 or 4	10Mb/100Mb/1Gb/10Gb RJ45 Copper
iNIC-T20G/T40G-SFP	Dual/Quad Ports SFP 1Gb/10Gb Intelligent Network Interface Module	2 or 4	1Gb/10Gb SFP/SFP+ Fiber
iNIC-T40G	Quad Ports SFP/SFP+ 1Gb/10Gb LAN and 9.953Gb WAN Intelligent Network Interface Module	4	1Gb/10Gb SFP/SFP+ Fiber 9.953Gb WAN SFP+ Fiber
iNIC-T50G	Dual Ports SFP/SFP+/SFP28 1Gb/10Gb/25Gb Intelligent Network Interface Module	2	1Gb/10Gb/25Gb SFP/SFP+/SFP28 Fiber
iNIC-T80G	Dual Ports QSFP+ 40Gb Intelligent Network Interface Module	2	40Gb QSFP+ Fiber
iNIC-T200G	Dual Ports QSFP+/QSFP28 40Gb/100Gb Intelligent Network Interface Module	2	40Gb/100Gb QSFP+/QSFP28 Fiber

Management Panels and Management Entries



WORK FLOW 1: **Enable Data Drive**

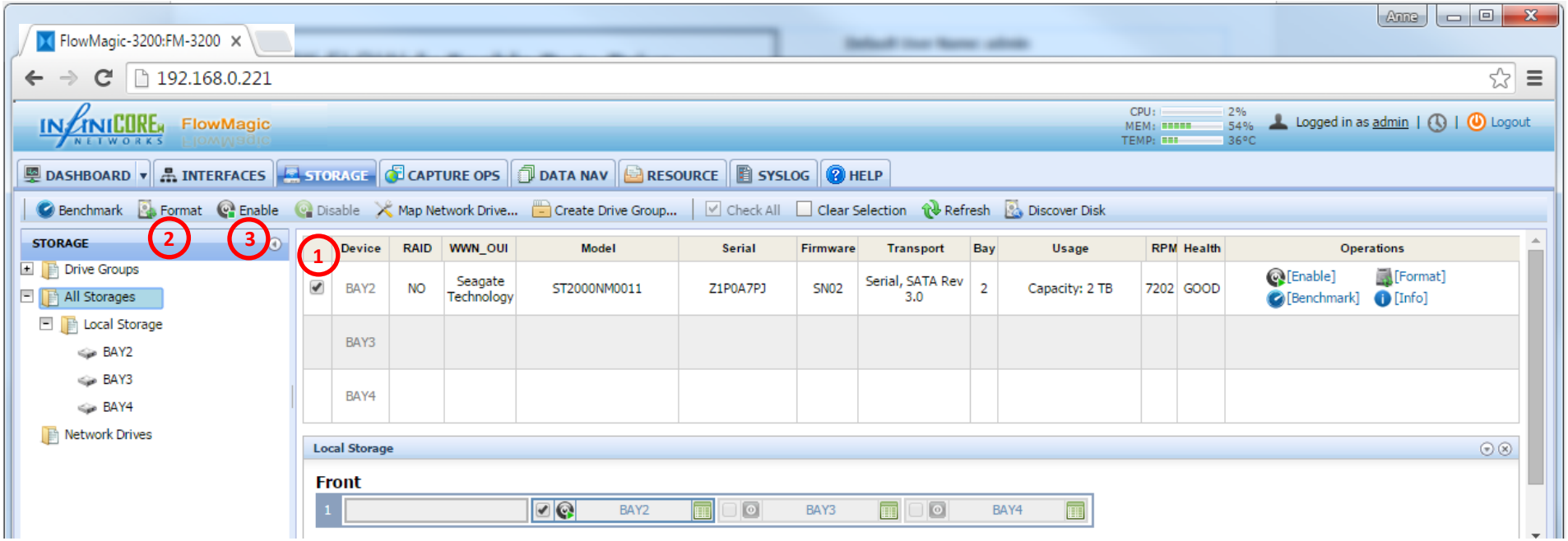
Default User Name: admin

By default, Account 'admin' does not have password.

Default management IP: 192.168.0.221

Switch to Storage TAB

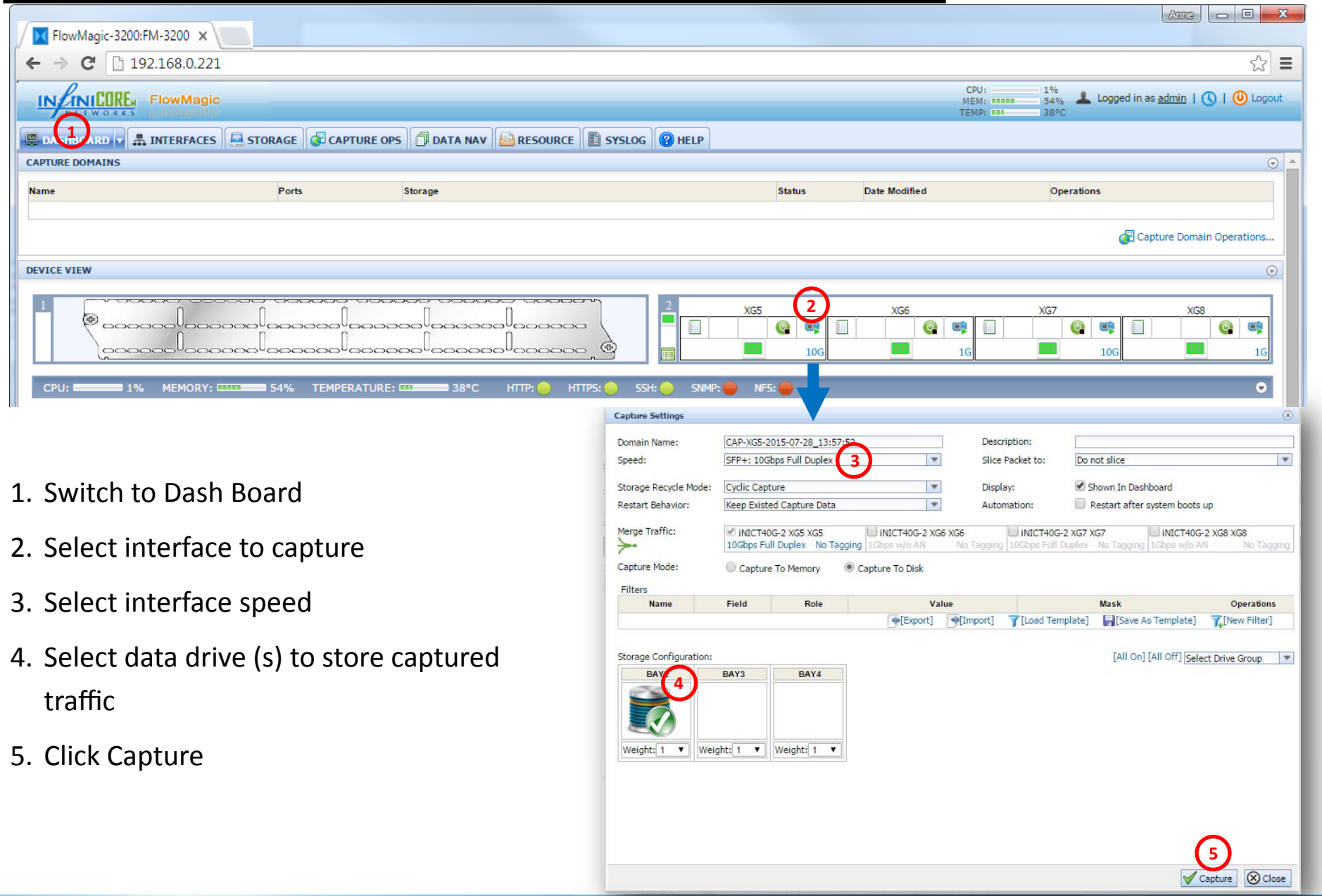
1. Select Drive → Disable Drive if Enabled → 2. Format → 3. Enable Drive



Note 1: Need to perform only once for newly installed drive

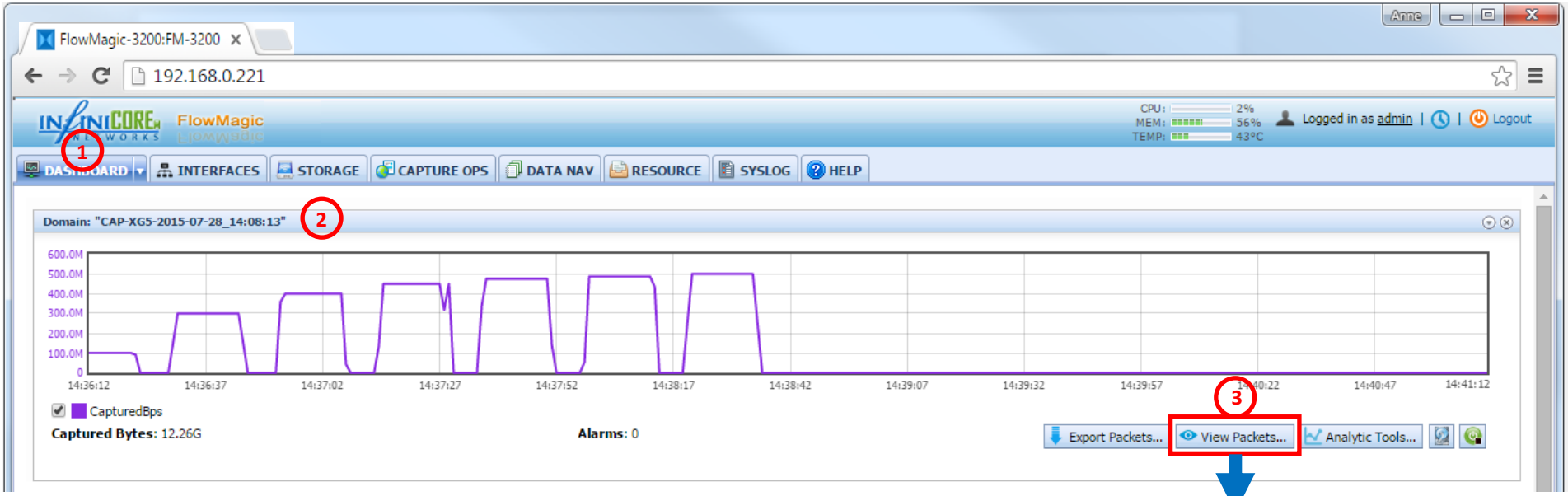
Note 2: Save the configuration when done

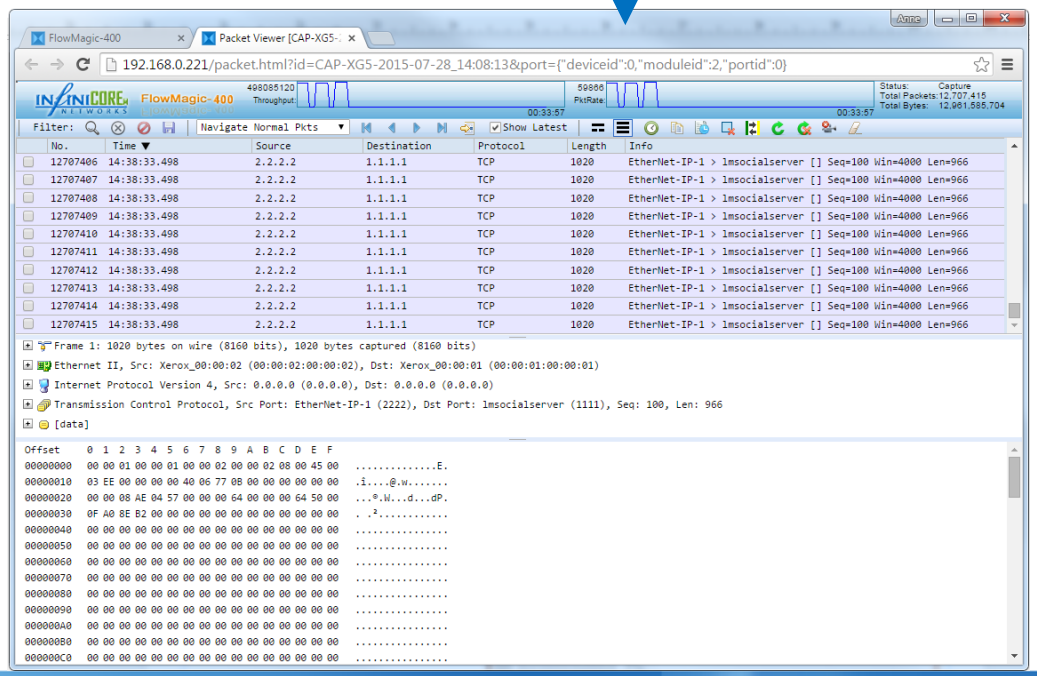
WORK FLOW 2: **Capture Traffic at 1Gb or 10Gb Speed**



1. Switch to Dash Board
2. Select interface to capture
3. Select interface speed
4. Select data drive (s) to store captured traffic
5. Click Capture

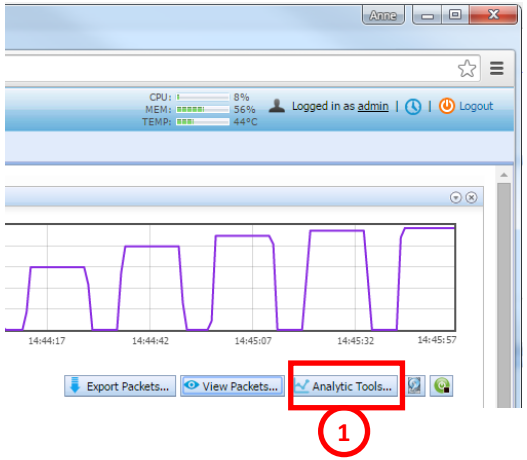
WORK FLOW 3: **Decode and Real-time View over Captured Traffic**

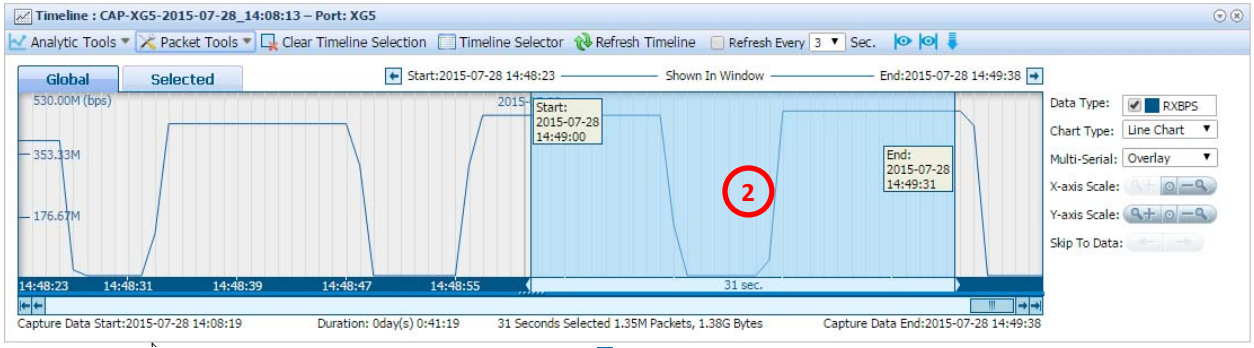


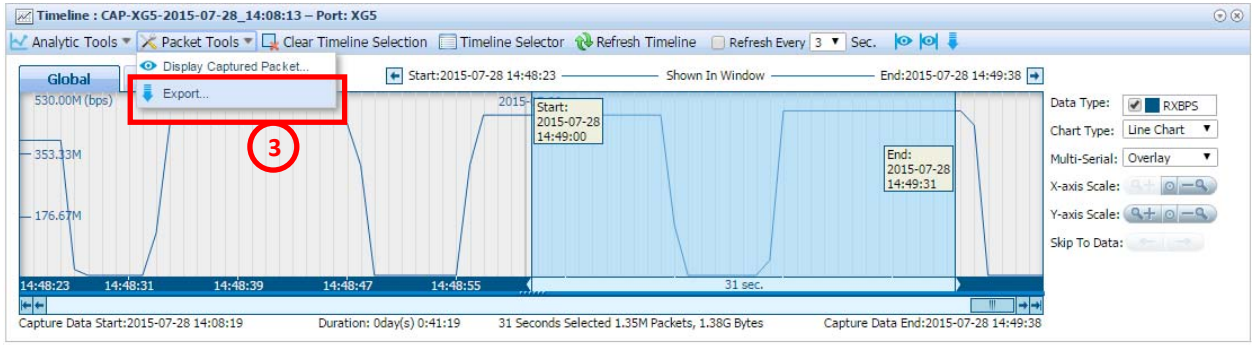


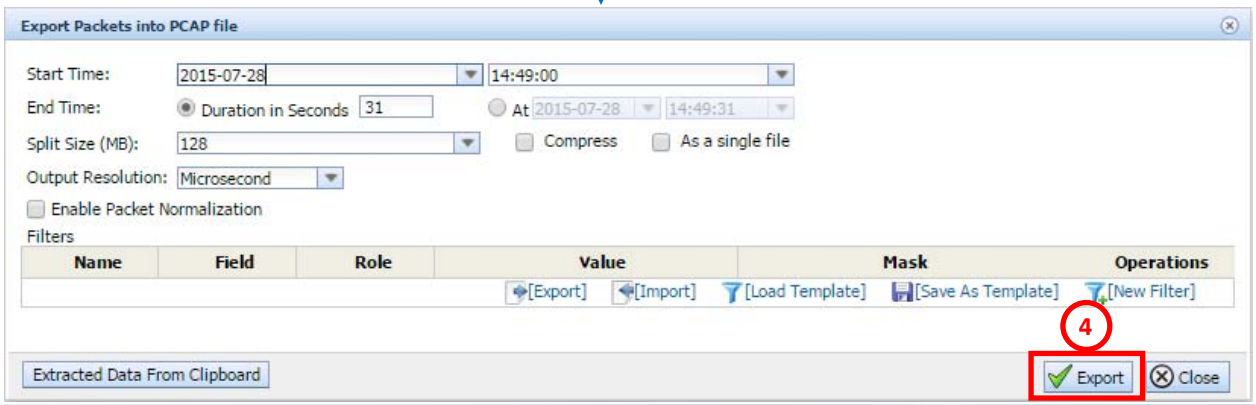
1. Switch to Dash Board
2. Find the Capture Domain
3. Click on the Packet Viewer

WORK FLOW 4: **Export Captured Traffic into PCAP**



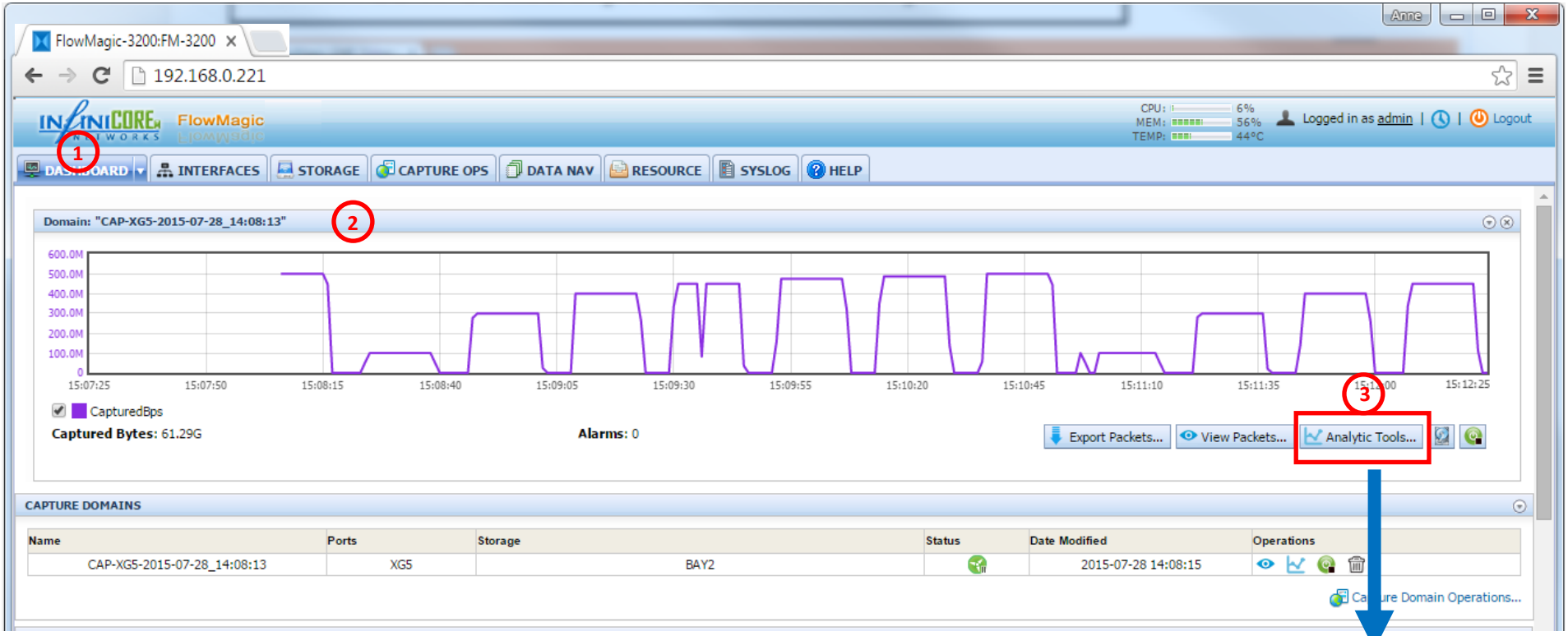




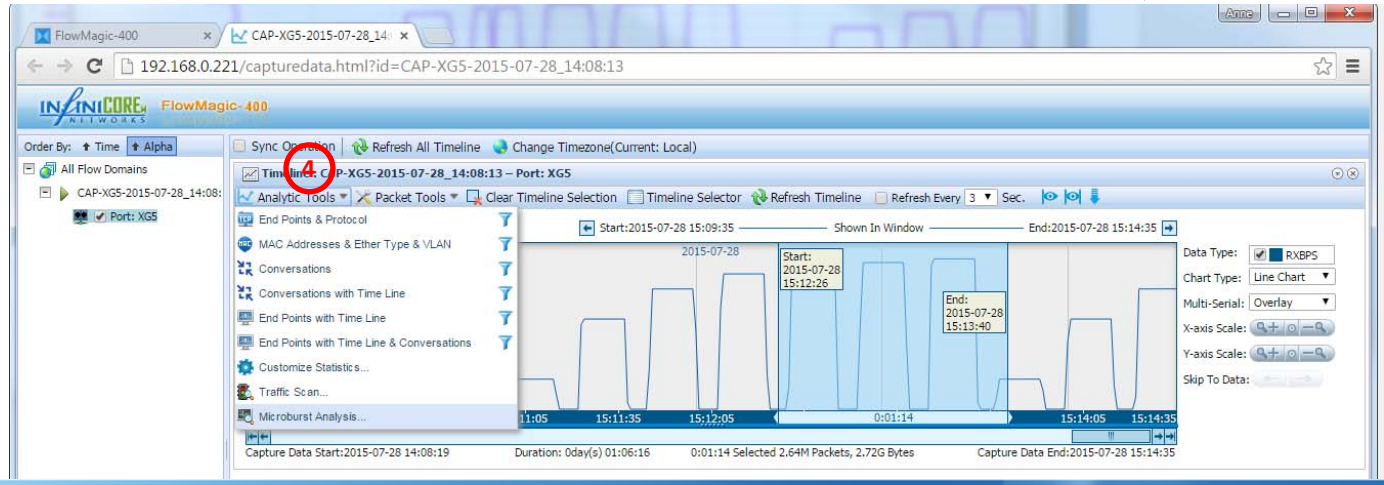


1. Invoke the Analytics
2. Select Timeline
3. Select Packet Tools —> Export
4. Click Export

WORK FLOW 5: **Retrospective Traffic Analysis**



1. Switch to Dash Board
2. Find the Capture Domain
3. Click on the Analytics
4. Choose Analytics Tools



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