

What is Observium



- Autodiscovering SNMP based network monitoring tool
- Written in PHP (web application)
- Includes support for a wide range of network hardware and operating systems including:
 - Cisco, Linux, FreeBSD, Juniper, Brocade, Foundry, HP and many more.
 - See http://www.observium.org/wiki/ Supported_Devices

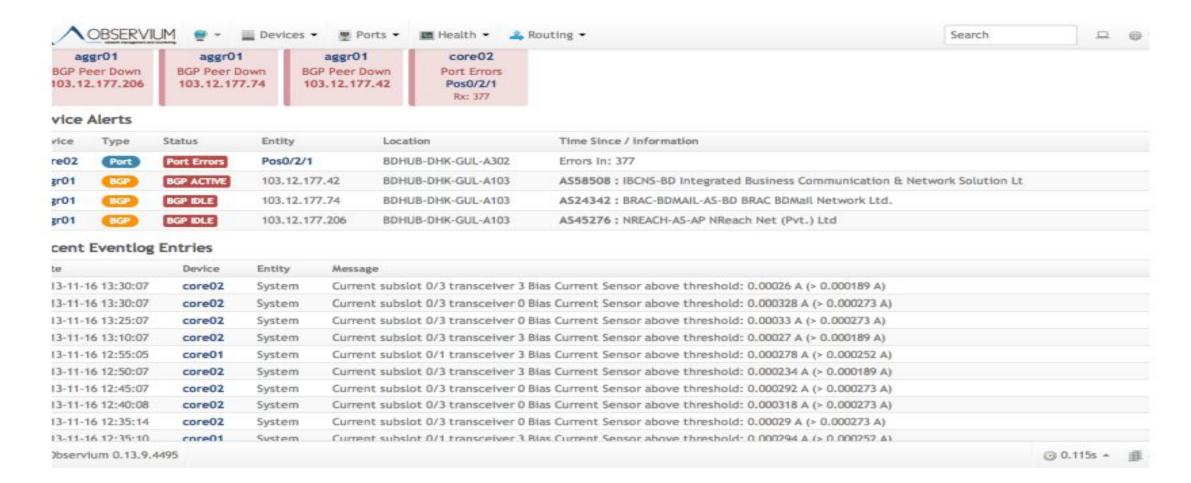
Observium Features _\omega_ observium

Observium supports monitoring of the following metrics:

- CPU, Memory and Storage statistics.
- Interface traffic, packet and detailed error statistics.
- BGP and OSPF statistics.
- MPLS VPN configuration.
- Temperature, Fan Speed, Voltage, Amperage, Power, Humidity and Frequency sensors.
- Detailed IPv4, IPv6, TCP and UDP stack statistics.
- Users, Processes, Load Average and Uptime statistics.
- Linux distribution detection.
- Cisco CEF statistics. Cisco IPSec VPN statistics.
- Real-time interface traffic graphing.
- Device inventory collection.

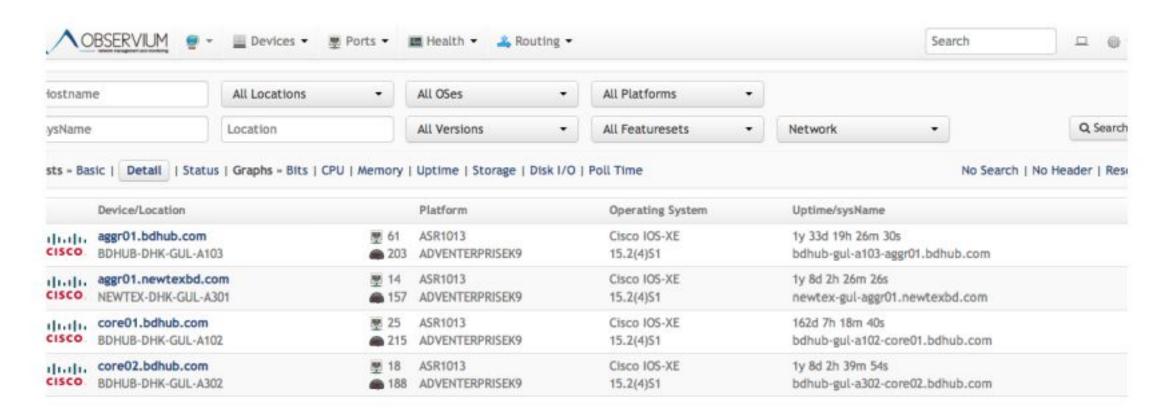
Dashboad





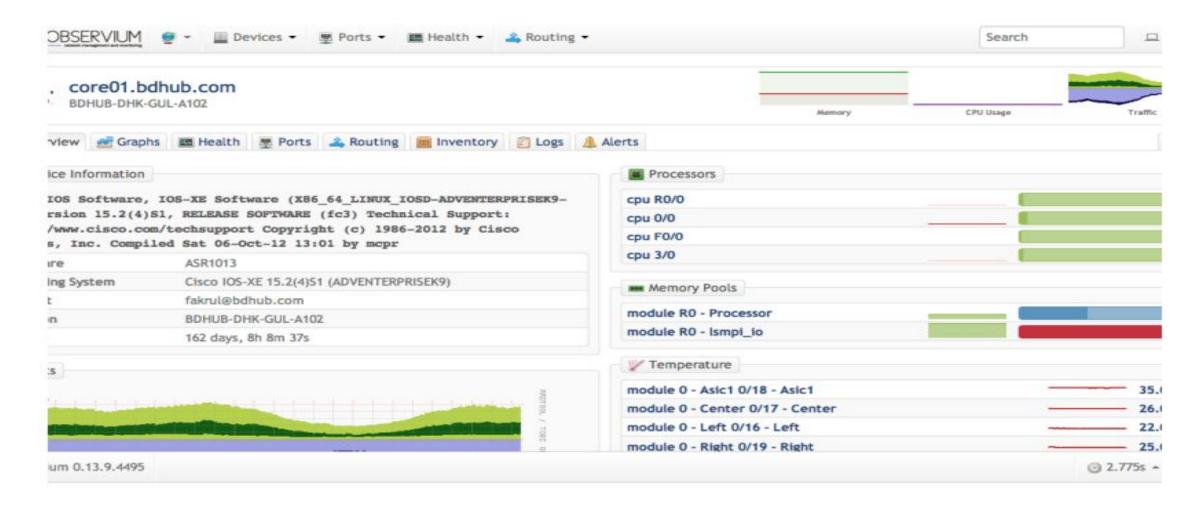
Devices





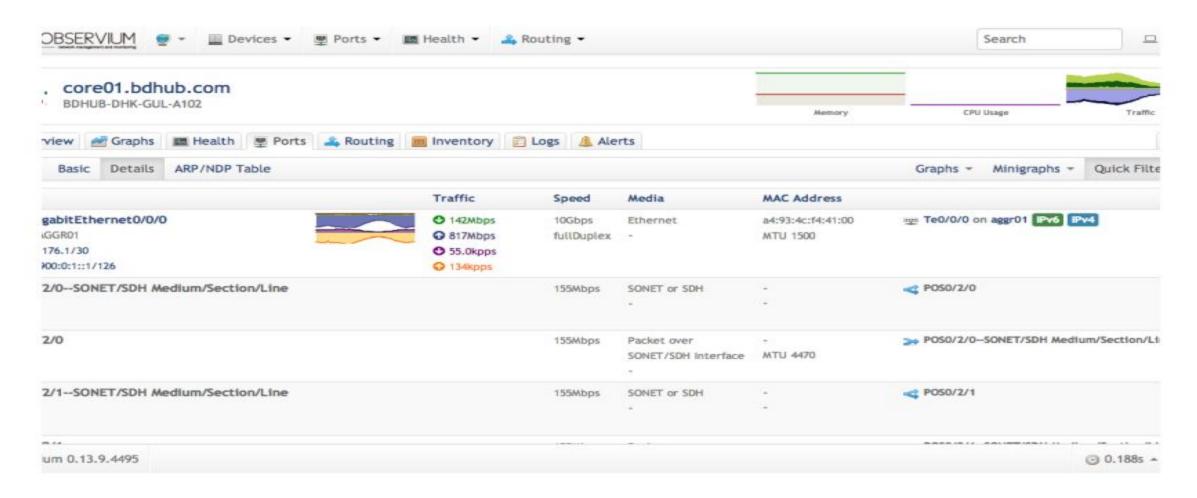
Device Details





Port Details





Interface Statistics





Health



OBSERVIUM	● - ■ Devices - ■ Ports - ■ Health - ♣ Routing -	Search 🚨 🔞				
lealth Processor N	Nemory Disk Usage Temperature Voltage Current dBm	Graphs No Graphs				
vice	Processor	Usage				
gr01.bdhub.com	cpu 0/0	4%				
gr01.bdhub.com	cpu F0/0	18				
gr01.bdhub.com	cpu R0/0	28				
gr01.newtexbd.com	cpu 0/0	-ex				
gr01.newtexbd.com	cpu F0/0	18				
gr01.newtexbd.com	cpu R0/0	18				
re01.bdhub.com	cpu 0/0	48				
re01.bdhub.com	cpu 3/0	23.				
re01.bdhub.com	cpu F0/0	1%				
re01.bdhub.com	cpu R0/0	233				
re02.bdhub.com	cpu 0/0	7				
re02.bdhub.com	cpu F0/0	(1)K				
re02.bdhub.com	cpu R0/0	28				

BGP Sessions



OBSERVIUM	1 .	→ III Devices → III	Ports •	■ Healt	h - 🚣 Routing -			Searc	:h	□ €
touting BGP (66) OSPF (3) CEF (12) VRFs (4)										
IGP All IBGP	eBGP	Shutdown Enabled	Down			No Graphs	Updates	Unicast - Multi	icast - MACa	counting -
Local address		Peer address	Type	Family	Remote AS			State	Uptime / Upda	ites
00 00 7F 34 aggr01		103.12.177.126	eBGP	ipv4.unicast	AS9832 ISN-AS-AP ISN, Internet Service Provider			start established	2 days, 7h 49r Updates 1	
00 00 7F 34 aggr01	**	103.12.177.38	eBGP	lpv4.unicast	AS9832 ISN-AS-AP ISN, Internet Service Provider			start established	22 days, 22h ! Updates 🌡 1	
00 00 7F 34 aggr01		103.12.177.190	eBGP	ipv4.unicast	AS23923 AGNI-AS Agni Systems Limited			start established	12 days, 22h 1 Updates 2	
aggr01	**	5	eBGP	ipv6.unicast	AS23956 DHAKACOM-BD-AS dhakaCom Limited				Updates 0	1 0
00 00 7F 34 aggr01	**	103.12.177.2	eBGP	ipv4.unicast	AS23956 DHAKACOM-BD-AS dhakaCom Limited			start established	158 days, 14h Updates & 3	
00 00 7F 34 aggr01	*	103.12.177.46	eBGP	lpv4.unlcast	AS23991 RANKS-AS-BD Ranks ITT Ltd.			start established	2 days, 7h 49r Updates 🌡 4	
00 00 7F 34 aggr01		103.12.177.174	eBGP	ipv4.unicast	AS24342 BRAC-BDMAIL-AS-BD BRAC BDMail Network L	.td.		start established	8 days, 10h 50 Updates 1 2	
aggr01	**	103.12.177.74	eBGP	lpv4.unicast	AS24342 BRAC-BDMAIL-AS-BD BRAC BDMail Network L	.td.		start idle	Updates # 0	1 0
00 00 7F 34 aggr01		103.12.177.150	eBGP	ipv4.unicast	AS24389 GRAMEENPHONE-AS-AP GrameenPhone Ltd.			start established	25 days, 18h 3 Updates & 1	
bservium 0.13.9.449	5								© 0	.345s - #

Inventory



grU1.bdhub.com	Temp: PEM P1/3	Temp: PEM		
gr01.bdhub.com	Temp: FC P1/4	Temp: FC		
gr01.bdhub.com	Power Supply 1	Power Supply		
gr01.bdhub.com	Fan 1/0	Fan		
gr01.bdhub.com	Fan 1/1	Fan		
gr01.bdhub.com	Fan 1/2	Fan		
gr01.bdhub.com	Power Supply Bay 2	Power Supply Bay		
gr01.bdhub.com	Power Supply Module 2	Cisco ASR1013 AC Power Supply	ASR1013/06-PWR-AC	QCS1548N0FF
gr01.bdhub.com	PEM lout P2/0	PEM lout		
gr01.bdhub.com	PEM Vout P2/1	PEM Vout		
gr01.bdhub.com	PEM Vin P2/2	PEM Vin		
gr01.bdhub.com	Temp: PEM P2/3	Temp: PEM		
gr01.bdhub.com	Temp: FC P2/4	Temp: FC		
gr01.bdhub.com	Power Supply 2	Power Supply		
gr01.bdhub.com	Fan 2/0	Fan		
gr01.bdhub.com	Fan 2/1	Fan		
gr01.bdhub.com	Fan 2/2	Fan		
gr01.bdhub.com	Power Supply Bay 3	Power Supply Bay		
gr01.bdhub.com	Power Supply Module 3	Cisco ASR1013 AC Power Supply	ASR1013/06-PWR-AC	QCS1548N0LP
gr01.bdhub.com	PEM lout P3/0	PEM lout		
Observium 0.13.9.4495				⊙ 0.407s - 直

Configuration

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Debian 11:
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#wget http://www.observium.org/observium_installscript.sh
#chmod +x observium_installscript.sh
#./observium_installscript.sh
```