sdnog meetings

sdnog holds annual meetings that provide network engineers and other technical staff with the opportunity to share their experiences and knowledge, as well as to identify areas for regional cooperation

- sdnog-1 meeting
- sdnog-2 meeting
- sdnog-3 meeting
- sdnog-4 meeting
- sdnog-5 meeting
- sdnog-6 meeting
- sdnog-7 meeting

sdnog-1 meeting

Sudan Network Operators Group (sdnog-1) Meeting was held on 6 - 7 December, 2014 in Khartoum, at Corinthia Hotel

sdnog-1 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

Thanks to our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:

sdnog1-sponsors

- **Platinum:** National Telecommunication Corporation
- **Gold:** SudREN and Internet Society
- **Silver:** AFRINIC and RIPENCC
- **Internet connectivity:** Canar Telecom
- **Supporting organization :** PCH
- **Organizing sponsor:** IEEE
- **Partner :** .SD registry

Meeting Layout

sdnog-1 Layout	
Date	**Conference Room**
06 Dec	Plenary Day 1
07 Dec	Plenary Day 2

sdnog-1 Workshops

This meeting has no workshops. it was only 2 days with conference room style.

Meeting Agenda

Time	Day 1 “Internet Ecosystem and Infrastructure”	
08:00 - 09:00	Registration	
09:00 - 09:20	Opening Cermoney	
09:20 - 09:40	Introduction to sdnog	Sara Alamin, sdnog
09:40 - 10:00	Internet Ecosystem	Sami Salih, SudREN
10:00 - 10:20	Internet Governance	Fahd Batayneh, ICANN
10:20 - 11:00	Keynote: Development of Internet	Mohamed ElBashir, ictQatar
11:00 - 11:30	Tea Break	
11:30 - 12:00	Challenges behind deploying Internet Infrastructure in Sudan	Tarig Yassin, Canar
12:00 - 12:30	IXP and Peering	Nishal Goburdhan, PCH
12:30 - 13:00	Local Story: SIXP	Mohamed Osama, SIXP
13:00 - 13:30	Multiprotocol Label Switching Traffic Engineering	Amna Yousif, Vision Valley
13:30 - 14:30	Lunch Break	
14:30 - 15:00	IPv6: Overview	Sami Salih, SDv6TF
15:00 - 15:30	IPv6: International Story	Hisham Ibrahim, RIPE NCC
15:30 - 16:00	IPv6: Local Story (SudREN)	Samir S. Omer, SudREN
	Day 2 “Internet of Things and Security”	
08:00 - 09:00	Registration	
09:00 - 09:45	Best Practices in Anycast Routing	Nishal Goburdhan, PCH
09:45 - 10:30	DNS & DNSSec	Fahd Batayneh, ICANN
10:30 - 11:00	Local Story: .SD	Tarik Mirgani, SIS

11:00 - 11:30	Tea Break	
11:30 - 11:50	RIPE NCC probes	Nishal Goburdhan, PCH
11:50 - 12:20	Red Team	Mustafa Shaib
12:20 - 13:05	Duko: Dare to Dream	Duko Lights Team
13:05 - 13:30	MBCOP	Jan Zorz, ISOC
13:30 - 14:30	Lunch Break	
14:30 - 15:00	M-Commerce	Mohamed Sharief, ZAIN
15:00 - 15:25	Bitcoin	Hiba Abbas, sdnog
15:25 - 15:50	Open Mic / Lightning Talks “share your experience”	
15:50 - 16:30	Closing Ceremony	

Meeting statistics

sdnog1-statistic.jpg

Program Committee

The Program Committee, or PC, is responsible for making sure that the content that will be presented during the event is topical. It was agreed that each major sdnog event (the plenary) should incorporate new members. Below you can find the members of the PC for the first SdNOG plenary.

- Hiba Abbas
- Kevin Chege
- Nishal Goburdhan
- Samir Abdullatif
- Sara Alamin
- Tarig Yassin

sdnog-1 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdalmoneim Ahmed Abdosh
- Ahmed Kamal Adeen
- Alaa Sabir
- Alargam Mohamed Ahmed
- Amel Sameer Hamimy

- Barraah Hashim
- Fatima Hamid Mohamed
- Hiba Abbas
- Hiba Alamin Mohamd
- Hibat Abbas
- Hind Orabi
- Hind Sabri
- Khansaa Abdallah
- Mahmoud Adil Mohamed
- Saleh Shihab Eldeen
- Salma Alamin Mohamed
- Salma Hassan Mohamed
- Sami Hassan Omer
- Samir Abdullatif Omer
- Sara Alamin Mohamed
- Sara Mubarak
- Sirag Eldeen Mahjoub
- Tarig Yassin Adam

sdnog-2 meeting

sdnog-2 meeting was held on 26 -27 August, 2015 in Khartoum, at Al Salam Rotana Hotel. In conjunction with the overwhelming community requests from sdnog-1 event the organisers have incorporated technical workshops from 23 - 25 August into the event, before the plenary sessions. The technical workshops in the form of an, instructor-led class, incorporating theoretical, and practical aspects from experts in the field. It is expected that the technical workshops be of no less than 3day duration. Other workshops may also be held, although it is envisaged that nothing will be held concurrently with the plenary sessions.

sdnog-2 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

Thanks to our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:



- **Platinum:** National Telecommunication Corporation and Internet Society
- **Gold:** Zain Sudan
- **Silver:** AFRINIC and RIPENCC
- **Internet connectivity:** Canar Telecom
- **Supporting organization:** PCH and SudREN
- **Partner:** .SD registry

Meeting Layout

sdnog-2 Layout			
Date	**Room-1**	**Room-2**	**Room-3**
23 Aug	DNSSEC	Networking Best Practices	
24 Aug			
25 Aug			IXP Best Practices
26 Aug	Plenary Day 1		
27 Aug	Plenary Day 2		

sdnog-2 Workshops

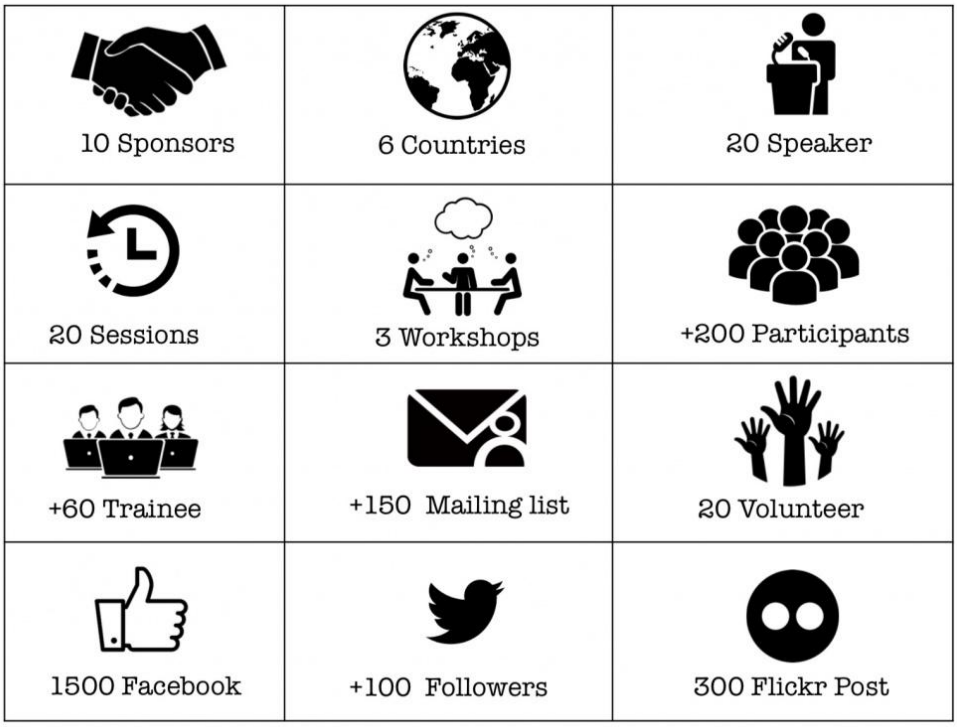
We had 3 technical workshops from 23 - 25 August 2015, Those technical workshops in the form of an, instructor-led class, incorporating theoretical, and practical aspects from experts in the field. more detail in this page : **SdNOG-2 Workshops**.

Meeting Agenda

Time	Day 1: Wednesday, 26 August 2015	
08:00 - 09:00	Registration	
09:00 - 09:20	Opening Cermoney	
09:30 - 09:50	SdNOG update	Sara Alamin, SdNOG
09:50 - 10:20	Domains Industry in Sudan	Tarik Mirgani, .SD
10:20 - 11:00	Future Direction of Telecommunication in Sudan	prof.Izzeldin Kamel Ameen
11:00 - 11:30	Tea Break	
11:30 - 12:00	Arbor Worldwide Infrastructure Report	Mark Campbell, Arbor Networks
12:00 - 12:30	RIPE ATLAS probes	Christian Teuschel, RIPE NCC
12:30 - 13:00	Routing Table Report	Nishal Goburdhan, PCH
13:00 - 14:00	Lunch Break	
14:00 - 14:15	Greasing the wheels of the Internet economy	Fahd Bataynah, ICANN
14:15 - 15:25	Panel: Data privacy and security, Trading Free for Freedom, On living in the cloud **Moderator:** prof. Mustafa Omer Nawari **Panelists:** • Dr. Iman Abu Almaaly, • Fahd Batynah, • Philip Papes	
15:25 - 16:00	Birds of Feather : Pretty Good Privacy (PGP)	Nishal Goburdhan, PCH
Time	**Day 2: Thursday 27 August 2015**	
08:00 - 09:00	Registration	

09:00 - 09:30	Keynote: Communication Technologies and Digital Divide in Sudan	Prof. Sami Sharief
09:30 - 10:00	Submarine Cable Talk	Aisha Abdalla, Sudatel
10:00 - 10:30	Easing Offload-Small Cell Backhaul	Ahmed Ortashi, Canar
10:30 - 11:00	IPv6 - The Saudi Arabian Experience	Sander Steffan
11:00 - 11:30	Tea Break	
11:30 - 12:00	SDN virtualization and cloud computing	Mohamed Elbashir, Ericsson
12:00 - 12:30	Virtualization for teaching	Patrick Okui
12:30 - 13:00	System configuration automation	Daniel Shaw, AFRINIC
13:00 - 13:30	DNSSEC: Just turn it on already	Philip Paeps
13:30 - 14:30	Lunch Break	
14:30 - 14:45	NOC Report	SdNOG Technical team
14:45 - 15:30	Lightning Talks: Fighting SPAM	Amreesh Phokeer, AFRINIC
15:30 - 16:00	SdNOG way forward	Hiba Abbas, SdNOG
16:00 - 16:30	Closing Ceremony & Lucky Draw	

sdnog-2 Statistic



Program Committee

The Program Committee, or PC, is responsible for making sure that the content that will be presented during the event is topical. It was agreed that each major sdnog event (the plenary) should incorporate new members. Below you can find the volunteer members of the PC :

- Gael Hernandez
- Hiba Abbas
- Mutaz Ishag
- Nishal Goburdhan
- Samir Abdullatif

sdnog-2 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdalmoneim Ahmed (Abdoosh)
- Alaa Sabir
- Amel Sameer Hamimy
- Basma Mohamed
- Hiba Abbas
- Hiba Alamin Mohamd
- Manhal Mohamed Mokhtar
- Marwa Ibrahim

- Mina Gorge
- Khansaa Abdallah
- Ramah Adawi
- Saleh Shihab Eldeen
- Salma Alamin Mohamed
- Salma Hassan Mohamed
- Samir Abdullatif Omer
- Sara Alamin Mohamed
- Sara Mubarak
- Sirag Eldeen Mahjoub
- Tagi Aldeen
- Tarig Yassin Adam

sdnog-3 meeting

sdnog-3 meeting held from 17 -18 August 2016, at the NTC tower . The technical workshops held from 14 - 16 August at Sudacad Academy, and the workshops will be in the form of an, instructor-led class, incorporating theoretical, and practical aspects from experts in the field.

sdnog-3 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

Thanks to our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:



- **Platinum:** National Telecommunication Corporation and Sudani Telecom

- **Gold:** Internet Society
- **Silver:** SudREN and Digital Trust
- **Ruby :** AFRINIC and RIPE NCC
- **Internet connectivity:** Canar Telecom
- **Supporting organization :** PCH
- **Partner:** .SD registry

Meeting Layout

sdnog-3 Layout			
Date	**Room-1**	**Room-2**	**Room-3**
14 Aug	How to Secure your Network	Network Management and Monitoring	forum 1: How the Internet works
15 Aug			forum 2: Networking Best Practices
16 Aug			forum 3: AFRINIC members meeting
17 Aug	Plenary Day 1 + Closed meeting with SIXP		
18 Aug	Plenary Day 2		

sdnog-3 Workshops

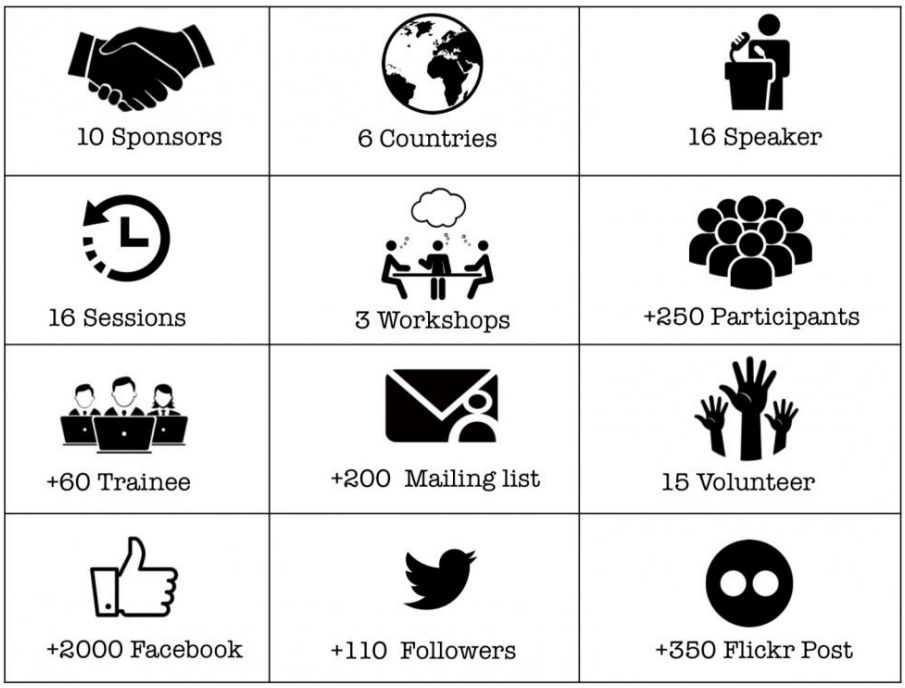
We had 3 technical workshops from 14 - 16 August 2016, Those technical workshops in the form of an, instructor-led class, incorporating theoretical, and practical aspects from experts in the field. more detail in this page : **SdNOG-3 Workshops**.

Meeting Agenda

Time	Day 1: Wednesday, 17 August 2016	
08:00 - 09:00	Registration	
09:00 - 09:40	Opening Ceremony	
09:40 - 10:00	SdNOG update	Manhal Mohamed, SdNOG
10:00 - 10:30	Path to IPv4 Exhaustion ... Are we ready to face it?	Madhvi Gokhool, AFRINIC
10:20 - 11:00	IPv6 - Where are we now?	Geoff Huston, APNIC

11:00 - 11:30	Tea Break	
11:30 - 12:00	SDv6 : an update	Dr.Sami Hassan, Sdv6TF
12:00 - 12:30	Africa IETF Program	Michuki Mwangi, ISOC
12:30 - 13:00	Total Internet Security of a Country	Nishal Goburdhan, PCH
13:00 - 14:00	Lunch Break	
14:00 - 14:45	Let's Encrypt + demo	Philip Paeps and Sara Alamin
14:45 - 15:30	The path to DANE	Mark Elkins, ZACR
Time	**Day 2: Thursday, 18 August 2016**	
08:00 - 09:30	Registration	
09:30 - 10:00	Update: The Online AfNOG track 0 Course	Michuki Mwangi, ISOC
10:00 - 10:30	Automation for modern networks: avoiding conf t	Patrick Okui
10:30 - 11:00	Building a cheap stratum-1 clock	Nishal Goburdhan, PCH
11:00 - 11:30	Tea Break	
11:30 - 12:00	Backhauling Through Fiber Optics- What's the challenges	Ahmed Hassan, Canar
12:00 - 12:30	Internet Fragmentation	Hiba Abbas, SdNOG
12:30 - 13:00	What's new in FreeBSD 11 for Network Operators	Philip Paeps
13:00 - 14:00	Lunch Break	
14:00 - 14:20	Technical report	SdNOG Technical team
14:20 - 15:20	Lightning talks: Arabic Script IDNs Apache CloudStack Internet Of Things (IoT) Africa DNS study: an overview	
15:20 - 15:40	SdNOG way forward	Qusai Abdallah, SdNOG
13:00 - 14:00	Closing Ceremony	

sdnog-3 Statistic



Program Committee

The Program Committee, or PC, is responsible for making sure that the content that will be presented during the event is topical. It was agreed that each major sdnog event (the plenary) should incorporate new members. Below you can find the volunteer members of the PC :

- Ahmed Abderahman
- Ahmed Ibrahim
- Khadiga Elhassan
- Mohamed Salah Moselhi
- Nishal Goburdhan
- Philip Smith
- Samir Abdullatif

sdnog-3 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdalmoneim Ahmed Abdosh
- Ahmed Hassan
- Amel Sameer Hamimy
- Hiba Abbas
- Hiba Alamin Mohamed
- Hiba Osman Ahmed

- Khadiga Omer
- Khansaa Abdallah
- Qusai Abdallah
- Ramah Adawi
- Saleh Shihab Eldeen
- Salma Alamin Mohamed
- Salma Hassan Mohamed
- Sara Alamin Mohamed
- Sirag Eldeen Mahjoub
- Tarig Yassin Adam

sdnog-4 meeting

sdnog-4 hold on 16 - 17 August, 2017 in Khartoum at Mamoun Behairy Center. before the plenary there was technical workshops from 13-15 August 2017, in the form of an instructor-led class, incorporating theoretical, and practical aspects from experts in the field.

sdnog-4 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

Thanks to our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:



- **Platinum**: National Telecommunication Corporation
- **Silver**: AFRINIC and Digital Trust and Internet Society
- **Internet connectivity**: Canar Telecom.
- **Supporting organization** : PCH and FreeBSD Foundation
- **Partner** : .SD registry

Meeting Layout

sdnog-4 Layout			
Date	**Room-1**	**Room-2**	**Room-3**
13 Aug	IPv6 Workshop	Hardening a web-server	• ToT Workshop • closed meetings with ISP
14 Aug			
15 Aug			
16 Aug	Plenary Day 1		
17 Aug	Plenary Day 2		

sdnog-4 Workshops

We had 3 technical workshops from 13-15 August 2017, Those technical workshops in the form of an, instructor-led class, incorporating theoretical, and practical aspects from experts in the field.

more detail in this page : **SdNOG-4 Workshops**.

Meeting Agenda

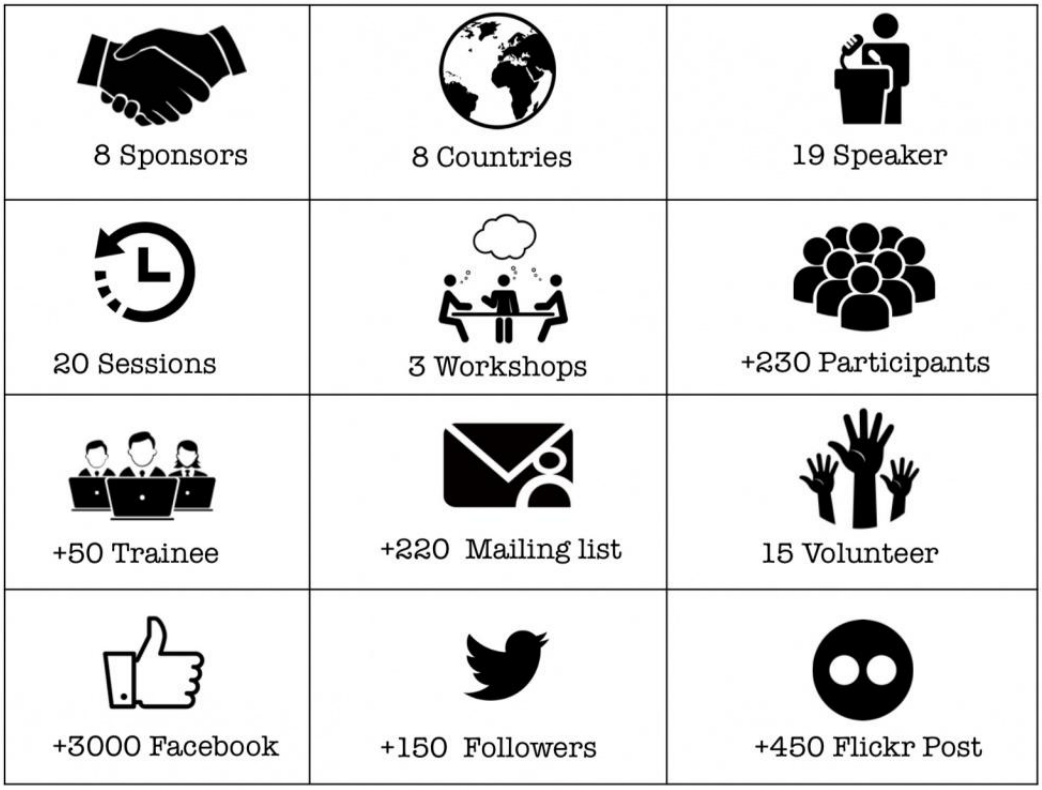
Meeting's videos are now available on SdNOG YouTube channel:

https://www.youtube.com/channel/UC8sJS7QHTH0xJsMv0C_Z1TQ/videos

Time	Day 1 : Wednesday 16 August 2017	
08:00 - 09:00	Registration	
09:00 - 09:15	Opening Ceremony	
09:15 - 09:30	SdNOG update	Sara Alamin, sdnog
09:30 - 10:00	Evolution of IP Technology	Ayman Algaily, Canar Telecom
10:00 - 10:30	Internet Infrastrucure	Nishal Goburdhan, PCH
10:20 - 11:00	Fiber to The Home + video	Ahmed Hassan, Canar Telecom
11:00 - 11:30	Tea Break	
11:30 - 12:00	Cloud based Digital Rights Management	Ali Hussain - Wisma R&D
12:00 - 12:30	SDN Using OpenFlow	Olatunde Awobuluyi, AFRINIC
12:30 - 13:00	SDN & NFV effect in In economic	Ala Eldin Rifaat,Quantum
13:00 - 14:00	Lunch Break	
14:00 - 14:30	Internet of Thing	Abdullah Nouraldaim, African Research and Development Centre

14:30 - 15:00	IoT: ZigBee Protocol Smart Metering Grid	Reem Bashir - DMU
15:00 - 16:00	Tutorial on Malware Analysis and Tools overview	Ali Hussain - Wisma R&D
16:00 - 17:00	BoF (birds of a feather) : Sudan Youth IGF	Hago Dafalla - SudanIG
Time	**Day 2: Thursday, 17 August 2017**	
08:00 - 09:00	Registration	
09:00 - 09:40	NAT64/DNS64 real life experiments	Jan Zorz, ISOC
09:40 - 10:10	IPv6 Security 101	Stephan Musa, AFRINIC
10:10 - 11:00	Testing IPv6 Firewalls using THC-IPv6	Mohamed Alhafez, Canar
11:00 - 11:30	Tea Break	
11:30 - 12:00	Web Security Guidline	Hiba Alamin, NCTR
12:00 - 12:30	Securing Web Traffic using SSL/TLS	Khalid Elmansor, University of Khartoum
12:30 - 13:00	Keynote: Blockchain Technology + Slides	Walid ALsaqaf, ISOC
13:00 - 14:00	Lunch Break	
14:00 - 14:30	FreeBSD is not a Linux distribution	Philip Paeps, The FreeBSD Project
14:30 - 15:00	Technical report	sdnog Technical team
15:00 - 15:30	Lightning talks: • Raspberry Pi • Atlas Probes • PCH peering analysis • BCOP	
15:30 - 16:00	SdNOG way forward	Hiba Abbas, sdnog
16:00 - 16:30	Closing Ceremony	

sdnog-4 Statistic



Program Committee

The Program Committee, or PC, is responsible for making sure that the content that will be presented during the event is topical. It was agreed that each major SdNOG event (the plenary) should incorporate new members. Below you can find the volunteer members of the PC :

- Afifa Abbas.
- Ahmed Abdelazim Ahmed.
- Hago Dafalla.
- Hisham Ibrahim.
- Jamila Hussien
- Madhvi Gokool.
- Manhal Mohammed.
- Mohamed El Bashir.
- Samir Abdullatif.
- Sara Alamin Mohamed

sdnog-4 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdalmoneim Ahmed Abdosh
- Ahmed Hassan
- Ahmed Tajelsir Atyya

- Alaa Rifaat
- Hiba Abbas
- Hiba Alamin Mohamd
- Hiba Osman
- Husam Ahmed
- Jamila Hussien
- Khadiga Omer
- Khansaa Abdallah
- Manhal Mohamed
- Marwa Osman
- Mohamed Alkhatim Alfadni
- Mohamed Nour
- Mohand Altyiab Suna
- Mutaz Bashier
- Saleh Shihab Eldeen
- Salma Alamin Mohamed
- Salma Hassan Mohamed
- Sara Alamin Mohamed
- Tairg Fatih Alrahman
- Wafa Badri

sdnog-5 meeting

celebrating our 5th anniversary! new logo, new theme!

sdnog-5 meeting hold from 30 September to 4 October 2018 in Khartoum at TPRA Tower. before the plenary we had a technical workshops from 30 Sep to 2 Oct 2018, in the form of an instructor-led class, incorporating theoretical, and practical aspects from experts in the field.

sdnog-5 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

We Would like to Thanks our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:



- **Platinum Sponsor** : Telecommunications and Post Regulatory Authority (TPRA)

- **Gold Sponsor** : AFRINIC , Internet Society, MTN Sudan
- **Supporting organization** : PCH and FreeBSD Foundation and .SD Registry
- **Internet Connectivity** : Canar Telecom

Meeting Layout

sdnog-5 Layout			
Date	**Room-1**	**Room-2**	**Room-3**
30 Sep.	Automation Tool: Ansible	IPv6 for Services	FreeBSD Workshop
1 Oct.			
2 Oct.			
3 Oct.	Plenary Day 1		
4 Oct.	Plenary Day 2		

Meeting Agenda

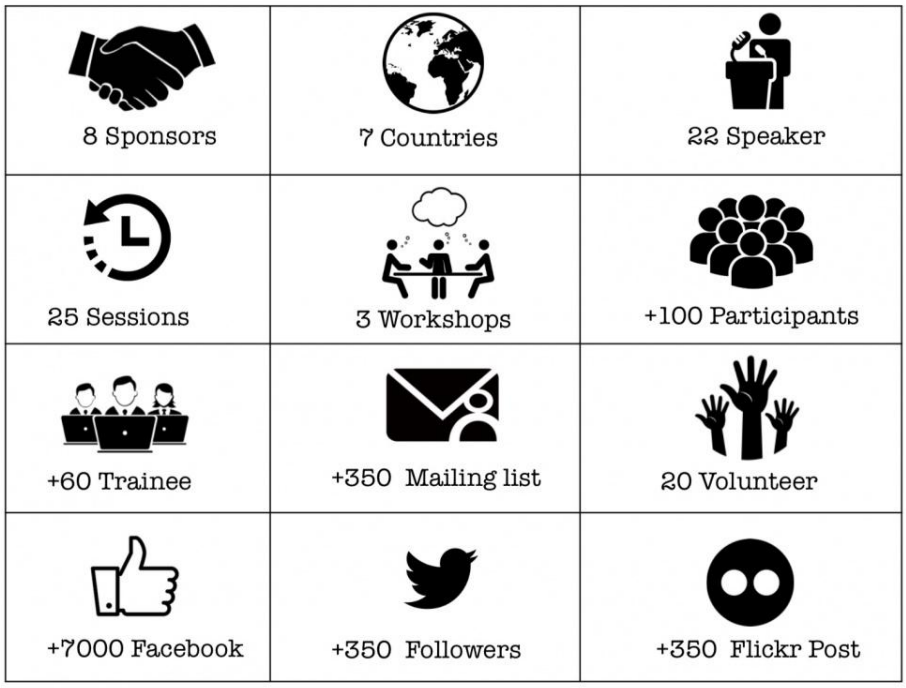
Meeting's videos are now available on SdNOG YouTube channel:
https://www.youtube.com/channel/UC8sJS7QHTH0xJsMv0C_Z1TQ/videos

Time	Day 1 : Wednesday 3 October 2018	
07:30 - 08:30	Registration	
08:30 - 09:00	SdNOG Updates	sdnog Team
09:00 - 09:30	Mail Security Guidelines	Hiba Alamin, NCTR
09:30 - 10:00	Browser Finger printing and its Damage to Privacy on the Internet	Dr.Bazara Imam, NCTR
10:00 - 10:30	Tea Break	
10:30 - 11:00	SDNOG Opening and Welcome	
11:00 - 11:30	The current situation and future of SIXP	Moumena Mohamed, SIXP
11:30 - 12:00	Panel: How to run IXP	Panel discussion
12:00 - 13:00	Lunch	
13:00 - 13:30	Grid Computing	Khadiga Omer Mohammed, UofK
13:30 - 14:00	Evolution of Intelligent Network	Ahmed Abdelkareem, Zain

14:00 - 14:30	Scratch: The Next Generation + Scratch code	Dr.Hisham Ahmed, SUST
14:30 - 15:00	Ethical Hacking BoF	Ahmed Mukhtar
14:30 - 15:30	Tech Capsule (BoF by invitation)	Hiba Eltigani, sdnog
Time	**Day 2: Thursday, 4 October 2018**	
07:30 - 08:30	Registration	
08:30 - 09:00	IPv4 as a Service: Deployment models and their consequences	Sander Steffann
09:00 - 09:25	Low Power Wide Area Network and its Technologies	Esra Bashir Abbas, SUST
09:25 - 09:40	Lightning Talks: Systems Automation Philosophy	Khansaa Abdallah, Canar
09:40 - 09:55	Lightning Talks: IOT revolution in Sudan	Mohammed Elsir, Tirhal
10:00 - 10:30	Tea Break	
10:30 - 11:00	Monitoring DNS misuse	Mohd E .Hafez, ISOC
11:00 - 11:30	Solving your DNS privacy issues with Quad9	Sara Alamin, PCH
11:30 - 12:00	Enabling DNS over TLS - as easy as 9.9.9.9	Gerry Jeffry
12:00 - 13:00	Lunch	
13:00 - 13:30	AFRINIC Updates	Keessun Fokeerah, AFRINIC
13:30 - 14:00	RIPE-690: IPv6 prefix assignments for ISPs	Jan Zorz, ISOC
14:00 - 14:30	AFRINIC IRR	Keessun Fokeerah, AFRINIC
14:30 - 15:00	Blockchain & smart contracts	Waleed Hassan, MAMAW
15:00 - 15:05	Lightning Talks: Software Defined Networking and OpenFlow Protocol	Dr. Ahmed Aziz, ONF
15:05 - 15:10	Lightning Talks: FTTH-2	Ahmed Ortachi, Canar
15:10 - 15:20	Lightning Talks: Information Security Awareness and compliance + Slides	Amel Hamimy, UofK
15:20 - 15:35	Technical Report	sdnog NOC Team

15:35 - 16:00	Closing and open mic	--

sdnog-5 Statistic



Program Committee

The purpose of this committee is to build and shape out the program agenda for the sdnog Meeting by seeking papers and presentations from the community and to review submitted papers.
Our PC team is:

- Ahmed Elmokashfi
- Duaa Mohamed.
- Hisham Ibrahim. (PC-Chair)
- Khansaa Abdallah
- Mohamed El Bashir.
- Nishal Goburdhan.
- Philip Paeps.
- Samir Abdullatif.

sdnog-5 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdalmoneim Ahmed Abdosh
- Ahmed Hassan
- Ahmed Tajelsir Atyya

- Haifa Alkhaier
- Hiba Abbas
- Hiba Alamin Mohamd
- Hiba Osman
- Khadiga Omer
- Khansaa Abdallah
- Manhal Mohamed
- Marwa Osman
- Mohamed Alkhatim Alfadni
- Mohamed Nour
- Mohand Altyiab Suna
- Mutaz Bashier
- Omer Ibrahim
- Rammah Adawi
- Saja Azhari
- Saleh Shihab Eldeen
- Salma Alamin Mohamed
- Sara Alamin Mohamed
- Sara Bashier
- Tairg Fatih Alrahman

sdnog-6 meeting

sdnog-6 meeting will be from Sunday 27 October to Thursday 31 October 2019 in Khartoum at TPRA Tower. before the plenary we had a technical workshops from 27 to 30 Oct. 2019, in the form of an instructor-led class, incorporating theoretical, and practical aspects from experts in the field.

sdnog-6 Reports

- Event Report
- Financial Report

Special Thanks To Our Sponsors

We Would like to Thanks our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:

Platinum Sponsor

جهاز تنظيم الإتصالات والبريد
TELECOMMUNICATIONS AND POST REGULATORY AUTHORITY

Gold Sponsor

AFRINIC
The Internet Numbers Registry for Africa

Internet Society

Supporting Organizations

PCH
Packet Clearing House

Infrastructure Provider

ZA INX

- **Platinum Sponsor** : Telecommunications and Post Regulatory Authority (TPRA)
- **Gold Sponsor** : AFRINIC & Internet Society
- **Infrastructure Provider** : INX-ZA
- **Supporting organization** : PCH

Meeting Layout

sdnog-6 Layout			
Date	**Room-1**	**Room-2**	**Room-3**
27 Oct.	Ansible for DevOPs Workshop	Network Monitoring Workshop	Security Workshop - Ethical Hacking
28 Oct.			
29 Oct.			
30 Oct.			
31 Oct.	Plenary Day		

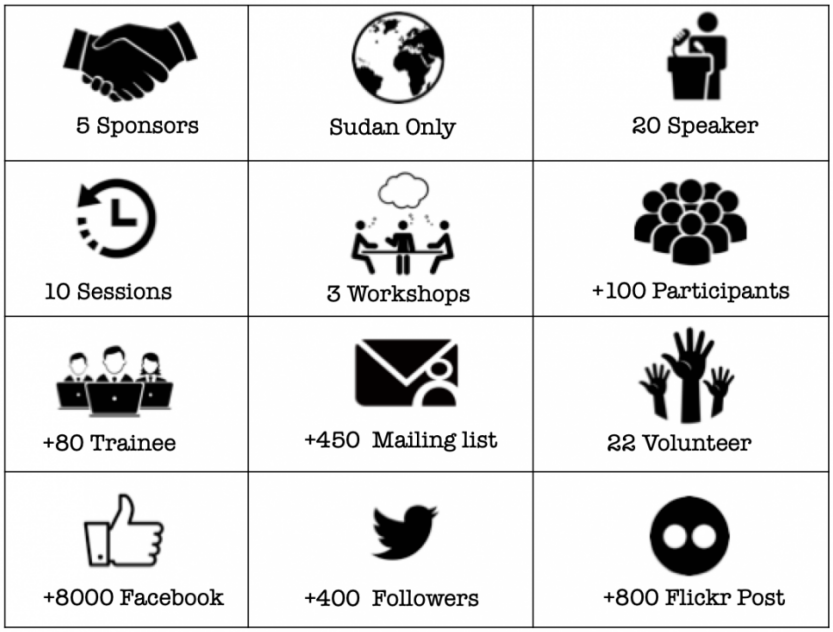
Meeting Agenda

Time	**Thursday 31 October 2019**	
8:00 – 9:00	Registration	
09:00 - 09:15	Opening Ceremony	
9:15 – 9:35	SdNOG Updates	sdnog Team
9:35 – 10:40	1. Boradband Economic Value 2. Fiber Infrastructure in Sudan 3. Cape to Cairo and Other African Journeys 4. Why UAE is Leading The World in FTTH	1. Mohamed Mahgoub, Huawei Technologies 2. Kamal Omer, SUDATEL 3. Mohammed Abbas, Liquid Telecom 4. Ahmed Ortachi, CANAR

10:40 – 11:20	Panel Discussion - Infrastructure	1. Mohamed Mahgoub, Huawei Technologies 2. Kamal Omer, SUDATEL 3. Mohamed Abbas, Liquid Telecom 4. Ahmed Ortachi, CANAR 5. Nora Abdalla, TPRA 6. Ahmed Fagiry, XY
11:20 – 11:45	A view on Sudan’s place in the Internet	Sara Alamin, PCH
11:45 – 12:00	Impact of IXPs	Moumena Mohamed, NIC
12:00 - 12:45	Break	
12:45 – 13:30	1. Web Hosting Constraints 2. Access and Policies	1. Zeinab Alshargawi, Nile Technical 2. Zeinab Yassin, SUST - Intisar Alhaj, SUST
13:30 – 14:10	Panel Discussion - Content	1. Zeinab Yassin, SUST 2. Intisar Alhaj, SUST 3. Zeinab Alshargawi, Nile Technical
14:10 – 14:30	RPKI and routing Secuirty	AlaEldin Rifat, Quantum
14:30 – 14:50	Data Brokers Are Watching You	Dr.Ahmed Abdelrahman, Karary University

14:50 – 15:10	Emerging Heterogeneous Wireless Networks (HetNet)	Esra Bashir Abbas, Faculty of Engineering
15:10 – 15:40	Lightning Talks	1. Nafeer for Software, Yahia Holi 2. Cyber Security, Mohamed Souliman 3. Real-Time Web Technologies, Abdullah NourEldaim 4. Adaptive Neuro-fuzzy Inference System, Hana Omer 5. Cloud Computing, Mohamed Ayman 6. 2D QR code for securing Electronic Documents, Mohamed Magzoub
15:40 – 15:50	sdnog Way Forward	sdnog Team
15:50 – 16:00	Closing and open mic	

sdnog-6 Statistic



Program Committee

The purpose of this committee is to build and shape out the program agenda for the SdNOG-6 Meeting by seeking papers and presentations from the community and to review submitted papers. Our PC team is:

- Hiba Abbass
- Sara Alamin
- Manhal Mohamed

sdnog-6 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Sara Alamin Mohamed
- Hiba Abbas Eltigani
- Ahmed Atyya
- Alaa Omer Taha
- Manhal Mohamed Mokhtar
- Hiba Osman Ahmed
- Amna Mohamed Mokhtar
- Abrar Ahmed
- Dania Mustafa
- Hiba Alamin Mohamed
- Abdelrahman Mohamed Hassan
- Salma Alamin Mohamed
- Marwa Mohamed Osman

- Duaa Abdelmoniem
- Saja Azhari
- Salih Shihab Eldeen
- Rawan Sharief
- Sara Bashier
- Iglal Salah
- Omer Ibrahim
- AlaEldeen Rifat

sdnog-7 meeting

sdnog-7 meeting will be the first virtual meeting for sdnog on Thursday 5 November 2020! before the conference day we will have a technical tutorials from 3 to 4 Nov 2020.

Special Thanks To Our Sponsors

We Would like to Thanks our wonderful sponsors! We extend our sincere appreciation to our sponsors, without whom our meeting would not be possible:

Meeting Platform Support	Infrastructure Provider
	

- **Infrastructure Provider** : INX-ZA
- **Meeting Platform Support**: AFRINIC

Meeting Layout

sdnog-7 Layout		
Date	**Time (Sudan Time)**	**Topic**
Tuesday 3 Nov.	12:30 - 14:00	Tutorial 1 : Building Cloud Infrastructure Workshop
Wednesday 4 Nov.	12:30 - 14:00	Tutorial 2 : Measurements and Tools : RIPE Atlas
Thursday 5 Nov.	12:30 - 15:00	Conference Day

Meeting Agenda

You can watch the event in our youtube channel:

https://www.youtube.com/playlist?list=PLB3AHgOesSEV8TSvDXywm43wwesisobxJ

Time (Sudan Time)	Thursday 5 November 2020
12:30 - 12:35	Welcome

12:35 – 12:50	SdNOG Updates	Abdelrahman Mohamed, sdnog Team
12:55 – 13:15	DNS Abuse	Fahd Batayneh , ICANN
13:20 – 13:40	MANRS overview	Sami Salih, MANRS Fellow
13:45 – 14:05	TLS 1.3 What's New?	Mohamed Elnour Abdelhafez, ISOC - Sudan Chapter
14:10 - 14:20	Break	
14:20 – 15:00	Network Automation: Building the case	Moderator: Manhal Mohamed. Panelists: * Ahmed Elmokashfi * Daniel Shaw * Patrick Okui
15:00 – 15:20	Model Driven Telemetry Monitoring	Samir SaifAlislam, Etisalat UAE
15:25 – 15:30	Closing Remarks	

Program Committee

The purpose of this committee is to build and shape out the program agenda for the sdnog Meeting by seeking papers and presentations from the community and to review submitted papers. Our PC team is:

- Hiba Eltigani
- Khansaa Abdallah
- Samir SaifAlislam
- Sara Alamin

sdnog-7 Volunteers

Thank you for your help and support, in organising the sdnog event. We know that there was a lot of work that needed to be completed, and you completed your part seamlessly, and without complaint. You're an invaluable part of the sdnog community, and we could not survive without you. Thank you!

- Abdelrahman Mohamed
- Ahmed Hassan
- Avi Keerodhur, AFRINIC

- Bashir Angode, AFRINIC
- Hiba Eltigani
- Hiba Osman Ahmed
- Khansaa Abdallah
- Manhal Mohamed
- Samir SaifAlislam
- Sara Alamin Mohamed
- Shimaa Babieker