SANOG XXXII

Agenda

Time Schedule

Session 1	09:00 - 10:30
Break	10:30 - 11:00
Session 2	11:00 - 13:00
Lunch	13:00 - 14:00
Session 3	14:00 - 15:30
Break	15:30 - 16:00
Session 4	16:00 - 17:30

Instructors

FL	First Name	Organisation	Country
AA	Md Abdul Awal	BCC	Bangladesh
SB	Simon Baroi	Fiber@Home	Bangladesh
ZK	Md Zobair Khan	Fiber@Home	Bangladesh
PS	Philip Smith	APNIC	Australia
SS	Shaila Sharmin	Link3	Bangladesh
YS	Md Yasir Shamim	CyberNet	Pakistan

Workshop Sessions

Day	Topic	Inst	Presentations	Exercises
Thursday				
1	Introduction & Logistics	All		
	Where are we now: IPv6 deployment update	PS	PDF	
	Global IPv6 End-user Readiness	PS	PDF	
2	Recap – Internet fundamentals	SB	PDF	
	Recap – IPv6 Introduction	SB	PDF	
3	Recap – IPv6 Protocol	AA	PDF	
4	Deploying IPv4 and IPv6 Dual Stack network	All		Network Setup
				Lab Access
				Address Plan
Friday				
1	Recap – About IPv6 Addresses	PS	PDF	
2	IPv6 Address Planning	All		PDF
3	IPv6 Routing	SS	PDF	
	Lab: Setting up IPv4 & IPv6 Routing	All		Setting up IS-IS
4	Internet Security Introduction	SB	PDF	

Day	Topic	Inst	Presentations	Exercises
Saturday				
1	IPv6 Security Introduction	TBA	PDF	
2	Hardening IPv6 network devices	SB	PDF	
3	Lab: Setting up IPv4 & IPv6 Routing	All		Setting up BGP
4	IPv6 Transition Technologies	SS	PDF	
Sunday				
1	IPv6 on Mobile Networks: Telstra Experience	PS	PDF	
	IPv6 Deployment Planning	TBA		PDF
2	IPv6 End User Deployment: Static	All		Static
	IPv6 End User Deployment: 6rd	All		6rd
3	IPv6 End User Deployment: DHCPv6-PD	All		DHCPv6-PD
	IPv6 End User Deployment: NAT64/DNS64	All		
4	Securing the transition mechanisms	SB	PDF	
Monday				
1	Securing the Router	All		Securing the Router
	IPv6 Routing Security: Theory	AA	PDF	
2	IPv6 Routing Security: Securing IS-IS	All		Securing IS-IS
	IPv6 Routing Security: Securing BGP	All		Securing BGP
3	IPv6 Security Monitoring	TBA	PDF	
4	IPv6 Security Monitoring: Hands On	All		Netflow
	Summary & Closing	All		

Resources

- Putty
- Telnet for macOS (10.13 onwards)
- Dynamips configuration

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