

Welcome to



**HKNOG**  
Hong Kong Network Operators' Group

5.0

# History of HKNOG

Event	Attendance	Sponsors
<b>HKNOG 0.1</b> 2 <sup>nd</sup> September, 2013 Executive Center One Island East	40 Attendees 30 Organizations	Akamai APNIC
<b>HKNOG 0.2</b> 14 <sup>th</sup> April, 2014 HKBN Training Center Kwai Chung	90 Attendees 50 Organizations	HKBN
<b>HKNOG 1.0</b> 1 <sup>st</sup> September, 2014 Executive Center One Island East	120 Attendees 50 Organizations	APNIC, Huawei, Akamai, Brocade, BTI Systems, Curvature, HKT, ISOC, Juniper. Tata Communications and Arbor Networks, with operational support from HKISP Association
<b>HKNOG 1.1</b> 17 <sup>th</sup> April, 2015 Admiralty Conference Center	120 Attendees 50 Organizations	APNIC, BTI Systems, Hong Kong Broadband, Tenable, Equinix, and Certis, with operational support from the HK ISP Association.
<b>HKNOG 2.0</b> 14 <sup>th</sup> September, 2015 Admiralty Conference Center	120 Attendees 50 Organizations	Cisco, BTI Systems, Infinera, BBIX, Nominum, NTT Communications, Wharf T&T, APNIC and Equinix, with operational support from the HK ISP Association
<b>HKNOG 2.1</b> 18 <sup>th</sup> March, 2016 Admiralty Conference Center.	130 Attendees 60 Organizations	Alibaba Group, APNIC, PCCW Global, BBIX, BTI Systems, HKBN Enterprise Solutions, Seiko, Arbor, NTT Communications and Equinix, with operational support from the HK ISP Association
<b>HKNOG 3.0</b> 9 <sup>th</sup> September, 2016 Admiralty Conference Center.	150 Attendees 60 Organizations	Infinera, Cisco, Arista, APNIC, Brocade, Coriant, Juniper, Seiko, Superloop, BBIX, SUNeVision, Equinix, Megaport-AMSIX
<b>HKNOG 4.0</b> 24 <sup>th</sup> February, 2017 Regus, Central Plaza	150 Attendees 60 Organizations	China Mobile, APNIC, Arbor, Arista, BBIX, Juniper, Nimble Storage, Equinix, Megaport-AMSIX



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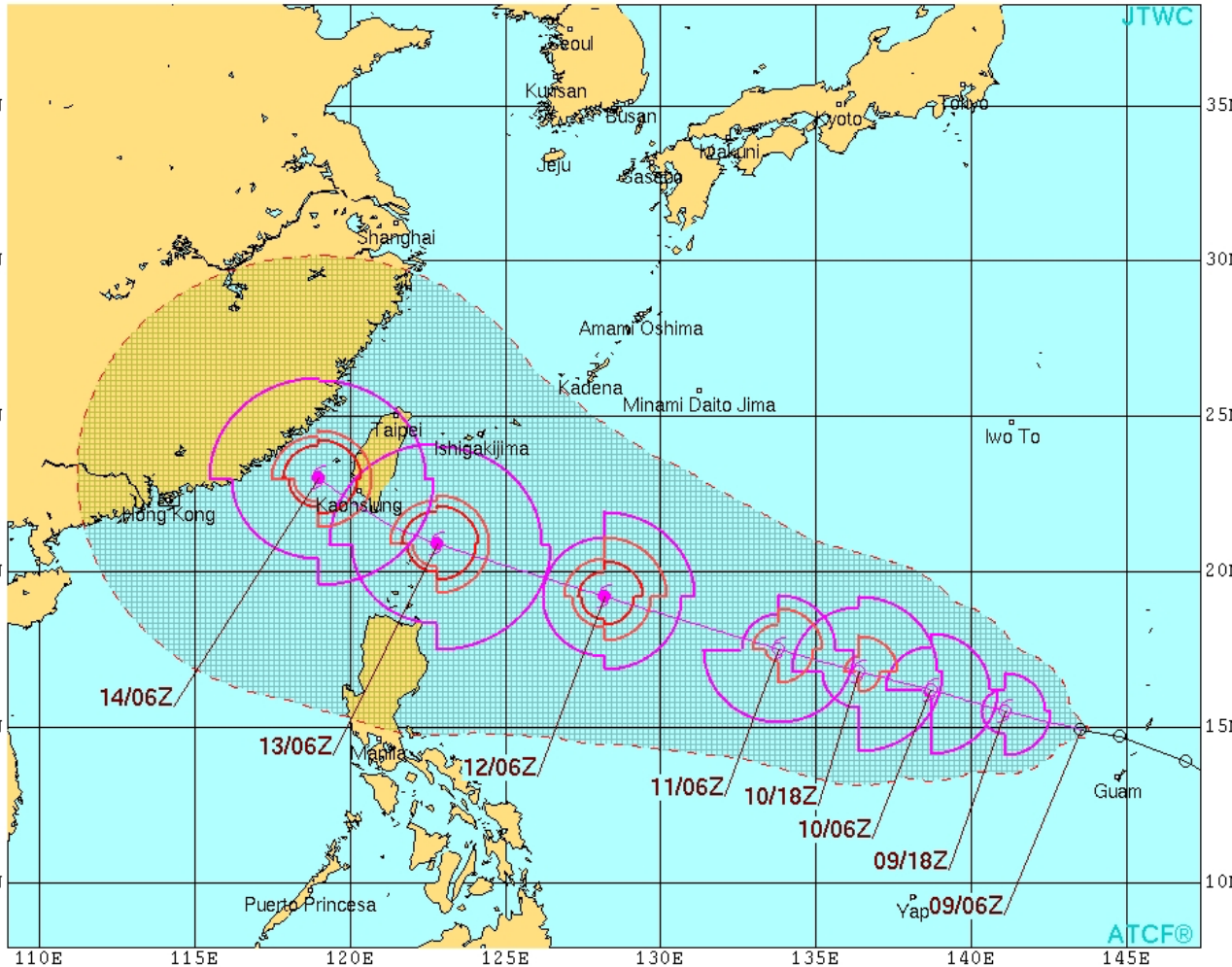
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# Survey



<https://tinyurl.com/hknog5>

# Speakers



TROPICAL DEPRESSION 20W (TWENTY) WARNING #3  
 WTPN31 PGTW 090900  
 090600Z POSIT: NEAR 14.9N 143.5E  
 MOVING 280 DEGREES TRUE AT 13 KNOTS  
 MAXIMUM SIGNIFICANT WAVE HEIGHT: 10 FEET  
 09/06Z, WINDS 030 KTS, GUSTS TO 040 KTS  
 09/18Z, WINDS 035 KTS, GUSTS TO 045 KTS  
 10/06Z, WINDS 045 KTS, GUSTS TO 055 KTS  
 10/18Z, WINDS 050 KTS, GUSTS TO 065 KTS  
 11/06Z, WINDS 060 KTS, GUSTS TO 075 KTS  
 12/06Z, WINDS 085 KTS, GUSTS TO 105 KTS  
 13/06Z, WINDS 110 KTS, GUSTS TO 135 KTS  
 14/06Z, WINDS 090 KTS, GUSTS TO 110 KTS

CPA TO:	NM	DTG
FAIS	341	09/15Z
ULITHI	347	09/18Z
YAP	395	09/23Z
MANILA	389	13/03Z
CLARK AB	364	13/05Z
SUBIC_BAY	395	13/06Z
KAOHSIUNG	24	13/22Z
TAIPEI	184	14/02Z
HONG_KONG	269	14/06Z

BEARING AND DISTANCE	DIR	DIST (NM)	TAU (HRS)
HAGATNA	322	122	0
AGRIHAN	209	266	0
ALAMAGAN	220	209	0
ANATAHAN	235	156	0
ANDERSEN_AFB	314	113	0
FARAULEP	351	383	0
FAIS	030	353	0
NAVSTA_GUAM	325	110	0
PAGAN	215	233	0
ROTA	296	110	0
SAIPAN	263	134	0
TINIAN	267	122	0
ULITHI	037	377	0
WFO_GUAM	318	113	0

○ LESS THAN 34 KNOTS  
 ◌ 34-63 KNOTS  
 ● MORE THAN 63 KNOTS  
 PAST 6 HOURLY CYCLONE POSITS IN BLACK  
 FORECAST CYCLONE POSITS IN COLOR



# Morning Session

09:30-09:35	Welcome by HKNOG
09:35-10:05	Open Packet Optical Network – by Rob Keys, Juniper
10:05-10:35	Vardath and routing aftermath – by Anurag Bhatia, Hurricane Electric
10:35-11:05	Tea Break
11:05-11:25	Digital IT Transformation Journey – by Philip Wong, Cisco
11:25-11:45	A Glimpse into Software-Defined Optical Networks of the Future – by Anup Changaroth, Ciena
11:45-12:05	Scaling Datacenter Bandwidth with 400G and 800G Ethernet – by Addison Chi, Arista Networks
12:05-12:35	IT Salary / Career – by Kelvin Lau, Robert Walters

Lunch 12:35 – 14:00



# Afternoon Session

14:00-14:30	Afternoon Keynote: Re-Engineering the DNS – One Resolver at a Time – by Paul Wilson, APNIC
14:30-15:00	The Stakes Have Changed – the changing security landscape – by C F Chui, Arbor
15:00-15:20	.hk DNSSEC deployment experience – by Ben LEE, HKIRC
15:20-15:50	Tea Break
15:50-16:20	Comparing trends of subscriber and traffic growth and scaling to meet rapidly increasing demand – by Ian Chiu, Netflix
16:20-16:40	Internet and Internet Exchange in Taiwan -by William Lu, Chief Telecom
16:40-16:55	Internet in Cambodia – by Kong Diep, SINet
16:55-17:25	Internet Exchange Etiquettes and Best Practises – by Raphael Ho, Equinix
17:25-17:30	Closing by HKNORG



# Peering Social 6pm – 8pm



Trafalgar @ Shop 10  
Brim 28, 1/F,  
Causeway Centre,  
28 Harbour Road,  
Wan Chai

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