

**GUEST LECTURE ON**

**"SECURITY AT THE**

**NETWORK LAYER'**

**ON**

**30<sup>TH</sup> MARCH 2017**

**BY**

**DEPARTMENT OF**

**BCA**

**RESOURCE PERSON**

**MR. LOHITH J J**



**PRINCIPAL**  
**KRUPANIDHI DEGREE COLLEGE**  
Chikkabellandur,  
and Post,  
59 015

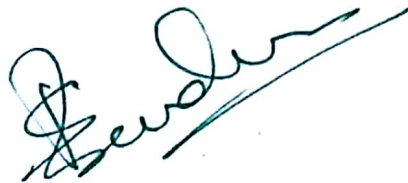
**KRUPANIDHI DEGREE COLLEGE**

# KRUPANIDHI DEGREE COLLEGE

Date: 27/03/2017

## CIRCULAR

This is to inform all the Students & the Staff that, Guest Lecture program will be conducted in the college on 30/03/2017. Mr. Lohith J J Asst. Prof of B M S College of Engineering will deliver the lecture on ***"SECURITY AT THE NETWORK LAYER"***



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Varthur Hobli, Bangalore - 560 035



**Principal**  
PRINCIPAL

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Varthur Hobli, Bangalore - 560 035

## KRUPANIDHI DEGREE COLLEGE

Proceedings of Technical Seminar on Security at the Network Layer 2016-2017

Date: 29-03-2017

Following activities to be undertaken:

- Inauguration of Seminar
- Welcome Speech
- Session on the Security at the network layer by the resource person
- Vote of Thanks

*Shylu*  
**HOD**

*Shylu*  
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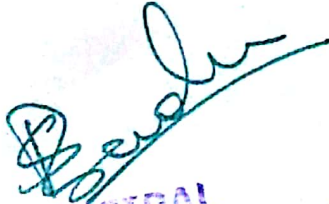


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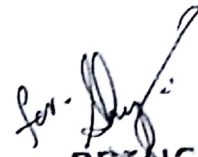
## Guest Lecture on Security Network Layer

Academic Year 2016-2017

  
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### Guest Lecture

Department of Computer Applications had organized a guest lecture on "Security at the network layer" on 30-03-17. The session was handled by Mr. Lohith J.J Assistant Professor B.M.S.College of Engineering. In the session, he explained about security at the network layer, IPsec-two modes, two security protocols, security association, security policy, internet key exchange, ISAKMP. From BCA and MCA 37 students attended the session. The session was very interactive in which the students participated actively. The session was very interesting and informative.



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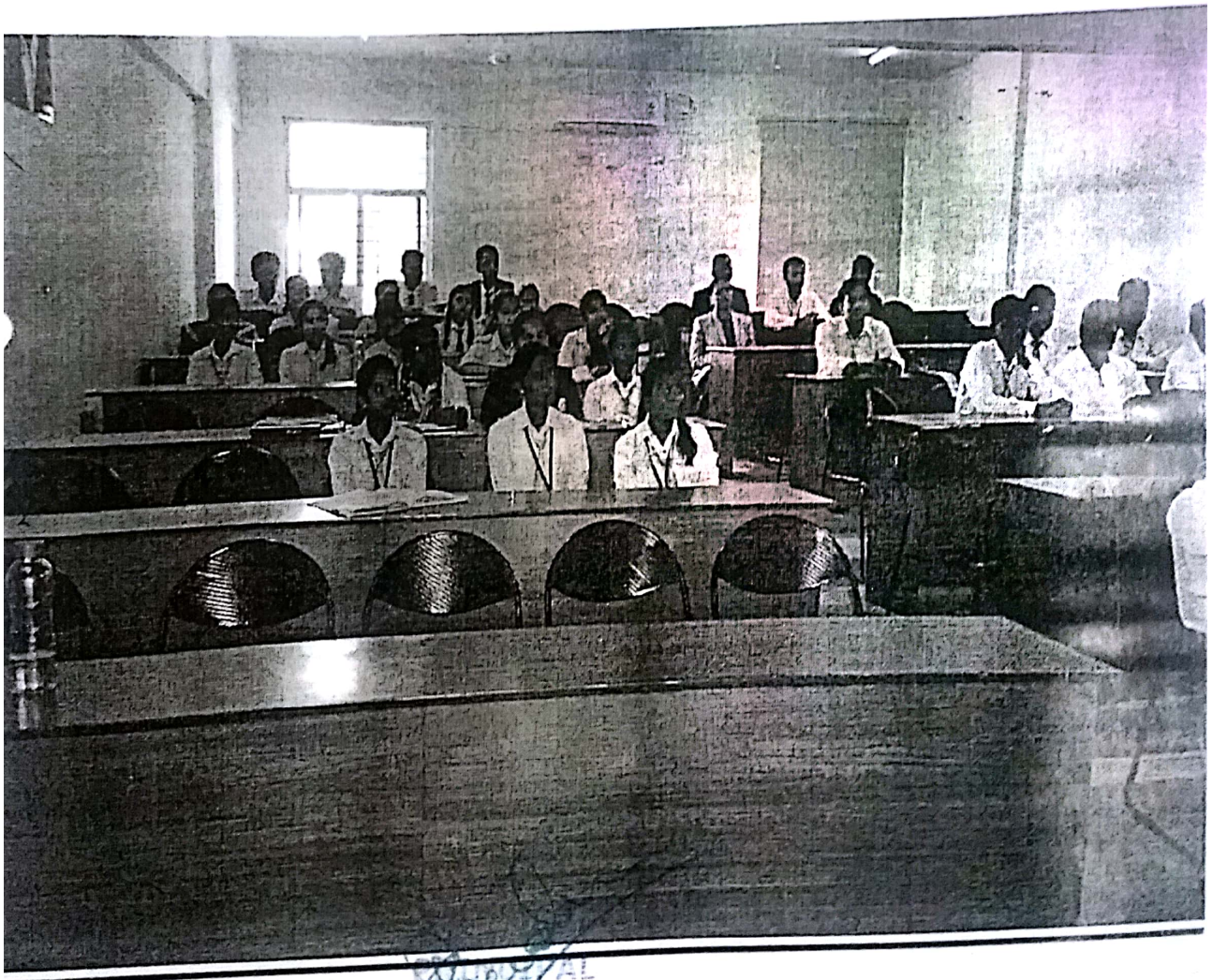
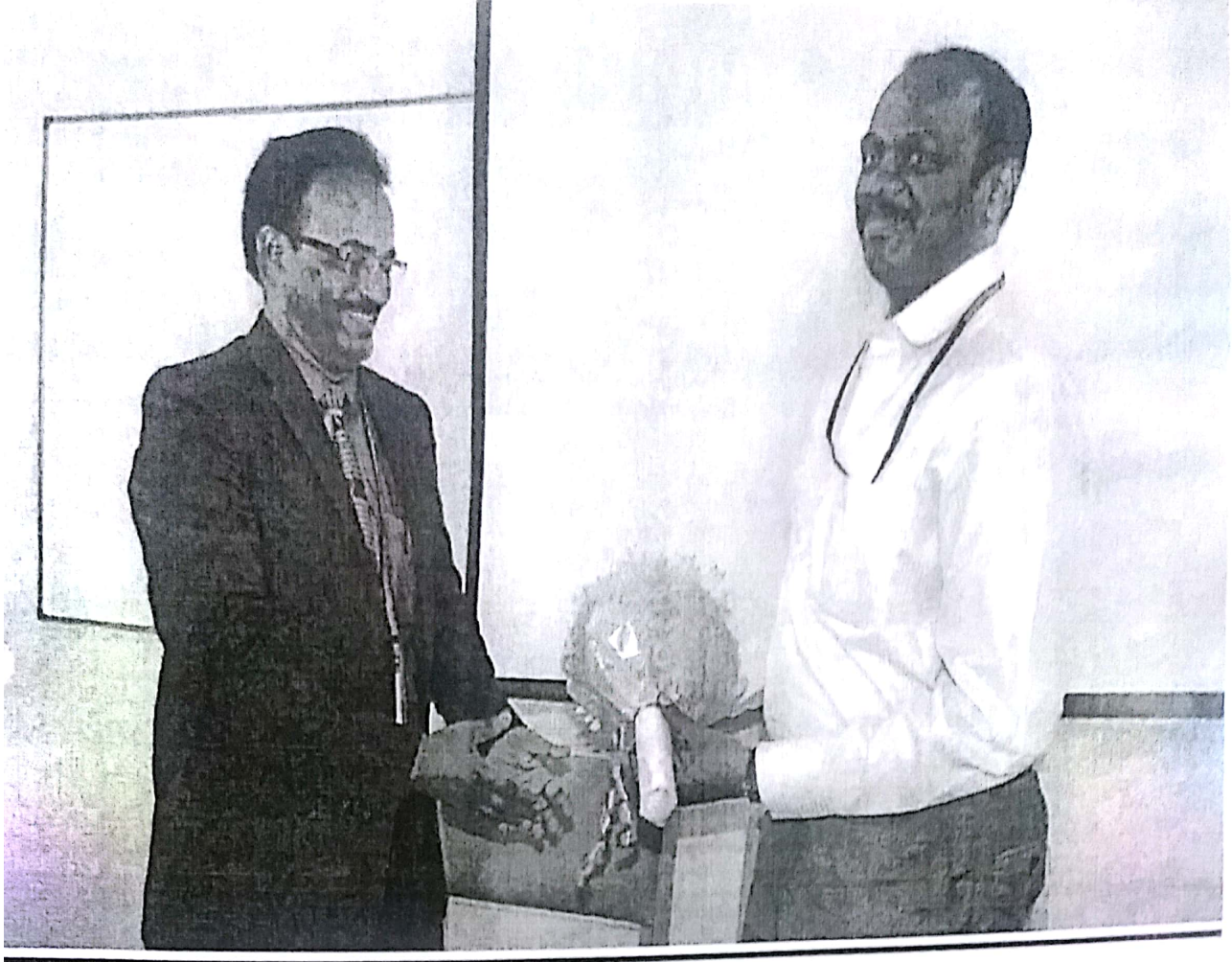
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KRUPANILAKSHI COLLEGE  
No. 12, Gokulchandur,  
Carmelaram Road and Post,



Gmail

shyla mahadev <shyladv2@gmail.com>

Guest Lecture on Cryptography for Krupanidhi BCA students

Mon, Mar 27, 2017 at 2:40 AM

shyla mahadev <shyladv2@gmail.com>  
shyladhith.cse@bmsce.ac.in

Dear Sir,  
This is further to our telephonic conversation regarding the Guest Lecture for our Final year BCA students on Cryptography. Thank you sir for accepting our proposal. The topic to be covered is Security at the Network Layer: Sec., Internet Key exchange and ISAKMP. Kindly let me know the number of hours you would be taking on Thursday(30/3/2017). Looking forward for your reply.

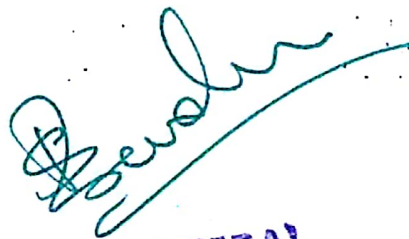
Thanks & Regards

shyla  
Head, Department of BCA,  
Krupanidhi Degree College,  
Bangalore-35

mob: 9901516987



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shyla mahadev <shyladv2@gmail.com>

st Lecture on Cryptography for Krupanidhi BCA students

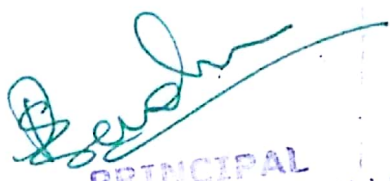
J J <lohith.cse@bmsce.ac.in>  
shyla mahadev <shyladv2@gmail.com>

Mon, Mar 27, 2017 at 3:07 AM

madam,

take 2 hrs and discuss the topics that you have specified. Will come by 11 am.  
[redacted text hidden]

Thanks & Regards,  
With J.J.  
J.J. Professor, Dept of CS&E  
College of Engineering  
Email : lohith.cse@bmsce.ac.in  
Phone : +919886745882

  
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Name & Designation: **Lohith J.J. Assistant Professor**  
 Department: **Computer Science & Engineering**  
 College Address: **B.M.S.College of Engineering**  
 Phone number: **080-26622130/31/32/33/34/35 Extn-6028**  
 Mobile: **9886745882**  
 Email: **lohith.cse@bmsce.ac.in**  
 Web: **http://www.bmsce.ac.in**



#### EDUCATION:

- Selected in NIT Trichy for Ph.D. through QIP and completed pre-Ph.D. in 2016
- M.Tech (Computer Network Engineering) at Dayananda Sagar College of Engineering under VTU, **FIRSTCLASS WITH DISTINCTION** with an aggregate of 77% in 2009
- B.E.(CSE) at BNMIT , Bengaluru ,Under VTU with **FIRST CLASS** 68% in 2005

#### WORK EXPERIENCE (11 Years)

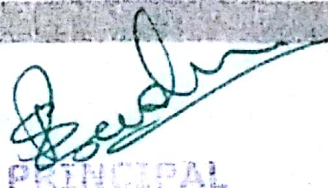
Sl.No	Name of the Organization	Designation	Period
1	BMSCE	Assistant professor	30/05/2011 till date
2	ATMA	Senior Lecturer	3/08/2009 to 28/05/2011
3	APSCE	Lecturer	01/08/2007 To - 3/08/2009
4	YDIT	Lecturer	05/08/2005 To 23/07/2006

#### RESEARCH INTERESTS:

1. Computer Networks
2. Cryptography

#### PUBLICATIONS:

**International Journals:**



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 varthur Hobli, Bangalore - 560 045

1. "Survey on Cognitive apprehensive Device", JETIR, March 2016, volume 3, Issue 3, ISSN 2349-5162
2. "A Review of attacks on AODV based MANETs" Journal of Emerging Technologies and Innovative Research, May 2015, page no 1483-1490.
3. "Survey on energy optimized routing protocols for wireless sensor networks" International Journal of Emerging Technology and Advanced Engineering, volume 5, Issue 4, April 2015, page no 204-209

#### International Conferences:

1. Presented IEEE Paper on "Intensifying the lifetime of Wireless Sensor Network Using a Centralized Energy Accumulator Node with RF Energy Transmission" in IACC 2015 @ BMSCE on June 12<sup>th</sup> 2015 and indexed in IEEE Digital Xplorer Advance Computing Conference (IACC), 2015 IEEE International Year: 2015 Pages: 180 - 184, DOI: 10.1109/IADCC.2015.7154694
2. Co-authored a paper on "Role of Industry to Improve Outcome Based Education in Engineering" and indexed in Journal of Engineering Education Transformations, Special Issue: Jan, 2015 eISSN 2394-1707 page no 358-361

#### National Conference:


1. "Secured quad Leach-energy optimized routing protocol for wireless sensor Networks" presented in National conference on Information & communication Technology NCICT-2015 held on 11<sup>th</sup>-12<sup>th</sup> September 2015, at DSCE, Bengaluru
2. "Alleviating the flooding attack on AODV based Mobile Adhoc networks using Next hop ageis technique" presented in National conference on Information & communication Technology NCICT-2015 held on 11<sup>th</sup>-12<sup>th</sup> September 2015, at DSCE, Bengaluru

#### INVITED LECTURES/TRAINING PROGRAMMES:

1. Guest Lecture on "Computer Networks" at Kuppam Engineering college, Kuppam
2. Guest Lecture on "Computer Networks" at PES Polytechnic, Bangalore
3. Guest Lecture on "Cryptography and Network security" at PES Polytechnic, Bengaluru.

#### OTHERS:

1. Co-authored Text book on Data communications and Networks For IV Sem BCA

  
 KRUPANIL K. K. PAL  
 KRUPANIL K. K. PAL COLLEGE  
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 Carmelate ...

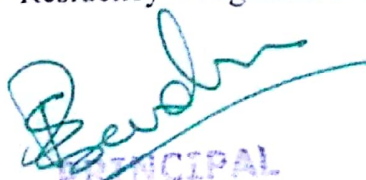


Membership of Academic, Scientific and Professional Societies:

1. Lifetime Member for Indian Society for Technical Education ( MISTE) 2013
2. Lifetime member for Computer Society of India (CSI) 2015

**Workshops/conferences Participated/conducted**

1. Participated in ISTE sponsored 5 Days workshop in RNSIT, Bengaluru from June 27-July 1 2016.
2. Participated in 3 Days workshop on NS-3 in NITK, Surathkal June 8<sup>th</sup> -10<sup>th</sup>.
3. Co-authored paper and published in Journal of engineering Education transformations, Special Issue: Jan, 2015 eISSN 2394-1707
4. Participated in ICTIEE Conference in BMSCE Jan 6<sup>th</sup>-8<sup>th</sup> 2015
5. Participated in Pre-conference workshop on Project based learning on Jan 5<sup>th</sup> 2015 in ICTIEE.
6. Participated in Pre-conference workshop on Outcome Based Education on Jan 6<sup>th</sup> 2015 in ICTIEE.
7. Participated in IEEE International Conference on Cloud computing for emerging markets from October 16<sup>th</sup>-18<sup>th</sup> 2014
8. Participated in I-CARE-2014 organized by IBM & IISC from October 9<sup>th</sup>-11<sup>th</sup> 2014.
9. Participated in Pedagogical training in BMSCE from August 1<sup>st</sup> to 5<sup>th</sup> 2014.
10. Participated in NS-2 workshop in CMRIT from 27<sup>th</sup> & 28<sup>th</sup> June 2014.
11. Participated in 15 days Computer Networks workshop sponsored by ISTE & IIT-Bombay in BMSCE from May and June 30<sup>th</sup> to July 5<sup>th</sup> 2014 and successfully completed.
12. Participated in 3 days IBM Faculty Residency Programme on BIGDATA & Analytics from June 18<sup>th</sup>-20<sup>th</sup> 2014.

  
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13. Coordinated for 5 days FDP on "Storage Area Networks" sponsored by TEQIP-II conducted by BMSCE 29<sup>th</sup> July 2<sup>nd</sup> August 2013.
14. Participated in 5 Days FDP on "Cyber forensics and Information security" sponsored by TEQIP-II conducted by BMSCE July 26<sup>th</sup> - July 30<sup>th</sup> 2013.
15. Participated and Co-ordinated for 5 days "RAD Certification workshop" in Association with IBM-AI sponsored by TEQIP-II conducted by BMSCE October 28<sup>th</sup> to November 1 2013.
16. Participated in 5 days FDP on "Wireless Mesh Networks: challenges and directions" sponsored by VTU-VGST at Govt SKSJ Technological Institute, Bengaluru March 12<sup>th</sup> to 16<sup>th</sup> 2012
17. Co-ordinator for Two Workshops on Software Architecture & Wireless Communication conducted by ATMA
18. Participated in 5 days FDP on "Computer Networks" sponsored by VTU-VGST at M.S.Ramaiah Institute of Technology, Bengaluru 21/03/2010 TO 26/03/2010
19. Co-ordinator for Two Workshops on Software Architecture & Wireless Communication conducted by ATMA



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**DEPARTMENT OF COMPUTER APPLICATIONS**

## GUEST LECTURE

DATE : 30/03/17

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CARMEL  
 VICTOR HOTEL



# KRUPANIDHI DEGREE COLLEGE

DEPARTMENT OF COMPUTER APPLICATIONS

VI SEM BCA- 2014 BATCH

GUEST LECTURE

DATE : 30/03/17

L.NO	REG.NO	NAME	SIGNATURE
1	14B6SB7001	ABHISHEK G R	Abhishek G.R
2	14B6SB7002	ABOUBACAR KEITA	ABK
3	14B6SB7006	AMIT	Amit
4	14B6SB7007	ANJU KUMARI	Anju Kumari
5	14B6SB7008	ANNAPURNA S A	
6	14B6SB7009	ARJUN PRADEEPAN	Arjun
7	14B6SB7011	BACHIR CAMARA	Bachir
8	14B6SB7013	CHANDAN KUMAR L P	Chandan Kumar
9	14B6SB7014	DHIVYA S R	Dhivya S.R
10	14B6SB7015	DIVYA P G	Divya P.G
11	14B6SB7017	FAKER ABDULLAH NAIF	Faker
12	14B6SB7020	GOWTHAM S G	
13	14B6SB7021	HARISH C	
14	14B6SB7022	HEMANTH KUMAR T N	
15	14B6SB7024	MADHUSHREE H S	
16	14B6SB7025	MANJULA M	Manjula M
17	14B6SB7028	MURALI V	
18	14B6SB7029	NAIR KARAN	
19	14B6SB7030	NANDITHA H N	Nanditha
20	14B6SB7031	NITHYA S	Nithya S
21	14B6SB7032	POOJA T R	Pooja
22	14B6SB7033	PRABHAVATHI M	Prabhavathi M
23	14B6SB7034	PRASHANTH G K	
24	14B6SB7035	PUNITH KUMAR N	Punith Kumar
25	14B6SB7036	RENUKA PRASAD T P	Renuka P.S
26	14B6SB7037	SACHIN B N	Sachin B.N
27	14B6SB7038	SANGEETHA T S	Sangeetha T.S
28	14B6SB7040	SHYLAJA R	Shylaja R
29	14B6SB7041	SOWMYA S	Sowmya S
30	14B6SB7042	SRIKANTHA	Srikantha
31	14B6SB7043	SUBASH LAMICHHANE	
32	14B6SB7044	TILAK PATEL V	Vanisha P
33	14B6SB7045	VANISHA P	
34	14B6SB7046	VEDHA B N	
35	14B6SB7048	VIJAY KUMAR S	Vijay K.S
36	14SKSB7011	BINESH	Binish
37	13B6SB6019	MOSAB	

HOD

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# FEEDBACK FORM

Date: 20/3/19  
Batch: 2011

Facilitator: L. D. H. S. J.  
Name of the Event: Security of the Network Layer

Please share your opinions on experience and learning. Your feedback will be appreciated as we strive to provide the best for all your academic requirements

Rating: A-> Strongly Agree B-> Agree C-> Disagree D-> Strongly Disagree

The Session was Interesting

A

The session was well Organized

A

The session was well executed

A

I learned lot from what was presented

A

The Facilitator did well in clearing all the doubt's

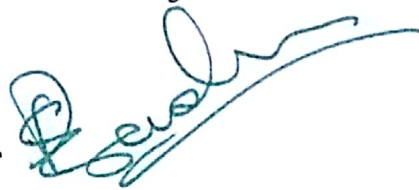
A

Overall rating( out of 10)

10 /10

Comments and Suggestions

The Session was Good



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