



STATE KEY LABORATORY OF SWITCHING TECHNOLOGY AND TELECOMMUNICATION NETWORK

北京邮电大学  
BEIJING UNIVERSITY OF  
POSTS AND  
TELECOMMUNICATIONS

## 网络协议分析与实现

### 第二章 协议概述

#### 协议分层与协议栈

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### 本讲的主要内容



- 协议分层与网络分层
- 协议栈
- 本讲目的
  - 理解协议分层和协议栈
  - 初步了解各种协议栈

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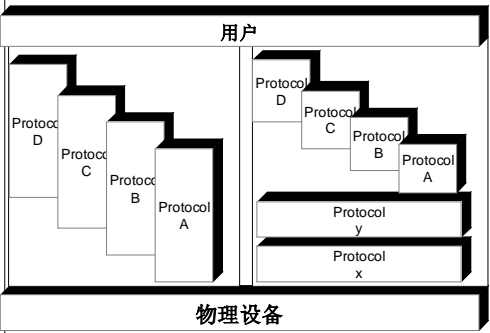
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### 协议分层

用户

Protocol D, Protocol C, Protocol B, Protocol A

Protocol y, Protocol x

Protocol D, Protocol C, Protocol B, Protocol A

Protocol y, Protocol x

物理设备

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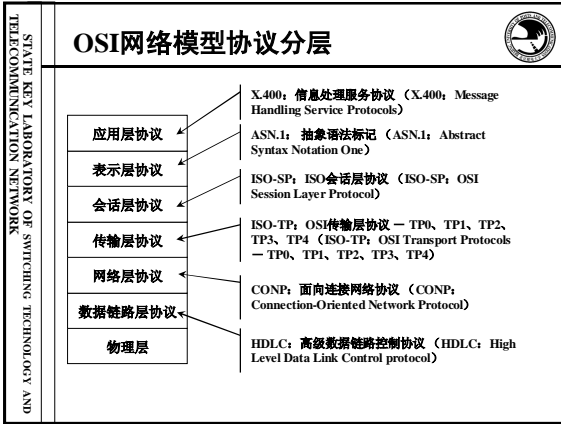
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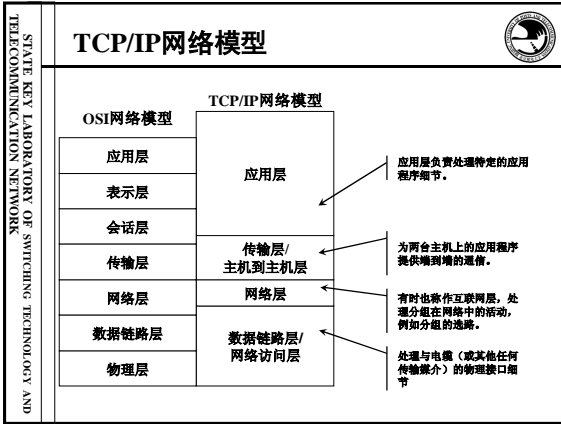
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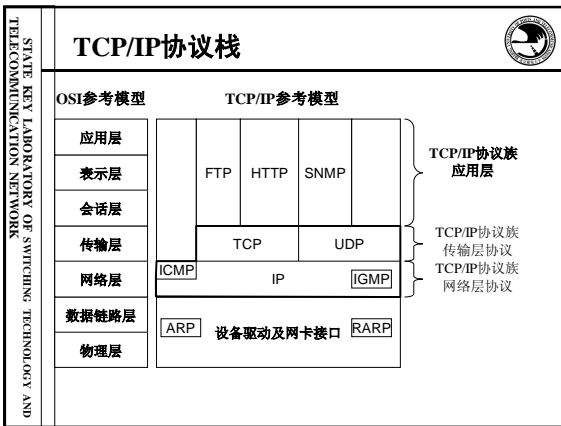
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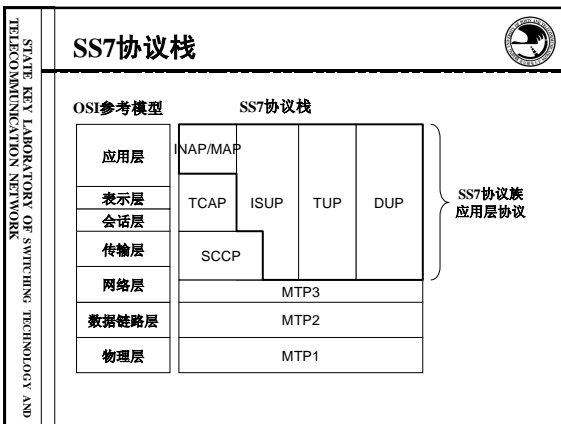
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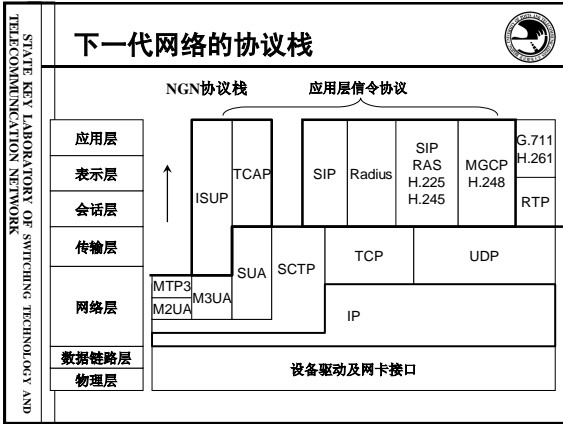
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### 小结

- 协议分层与网络分层
- 信令协议在协议分层中的位置
- 协议栈

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### 思考题

- 为什么要协议分层?
- 信令协议在协议分层中的位置?

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