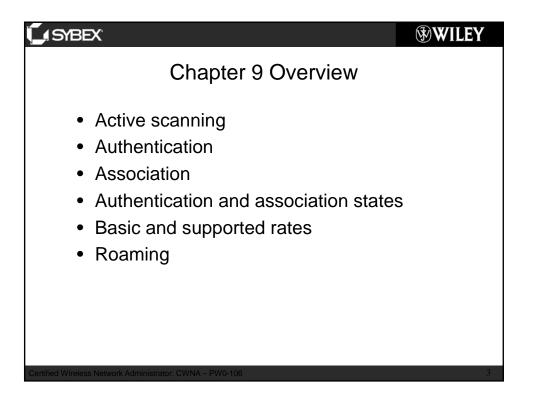
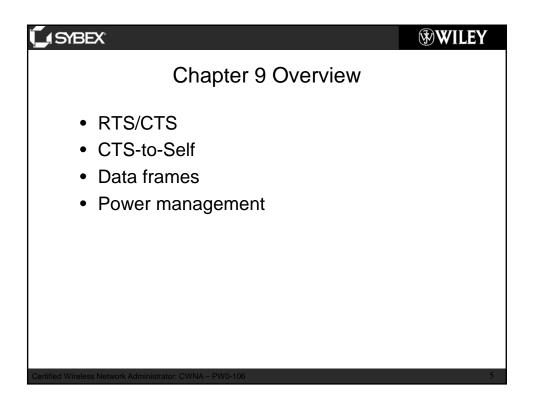
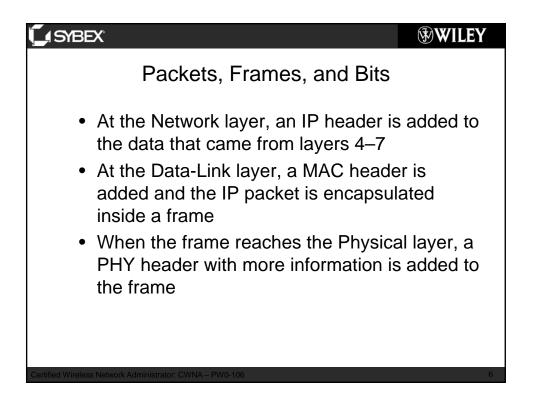


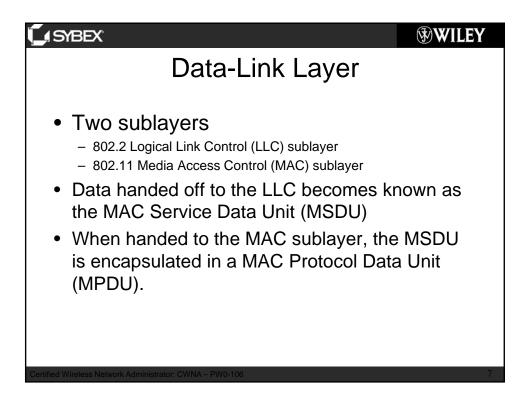
SYBEX"	<b>WILEY</b>
Chapter 9 Overview	
<ul><li>Packets, frames, and bits</li><li>Data-Link layer</li></ul>	
<ul><li>Physical layer</li><li>802.11 and 802.3 interoperability</li></ul>	
Three 802.11 frame types	
<ul><li>Beacon management frame (beacon)</li><li>Passive scanning</li></ul>	,
Certified Wireless Network Administrator: CWNA – PW0-106	2



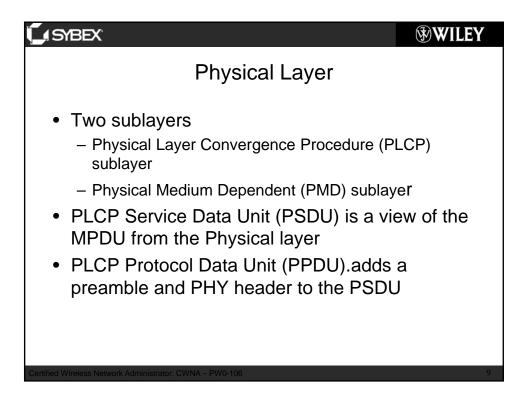
SYBEX"	WILEY
Chapter 9 Overview	
<ul> <li>Reassociation</li> <li>Disassociation</li> <li>Deauthentication</li> <li>ACK frame</li> <li>Fragmentation</li> <li>Protection mechanism</li> </ul>	
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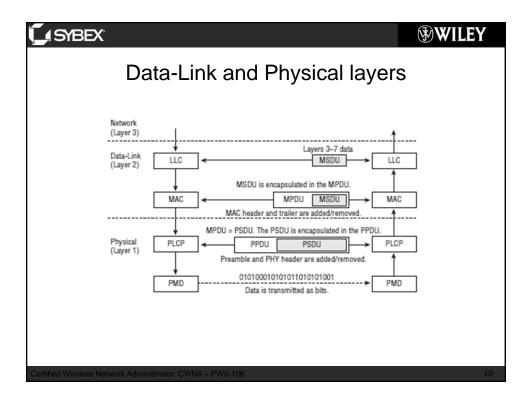


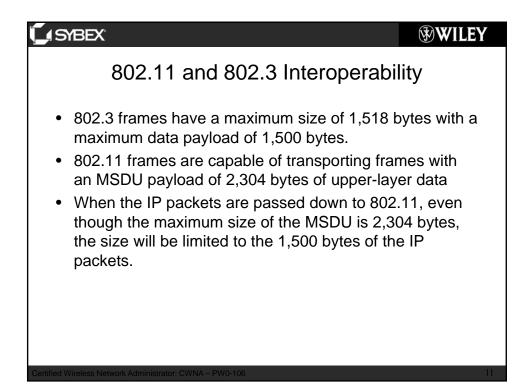


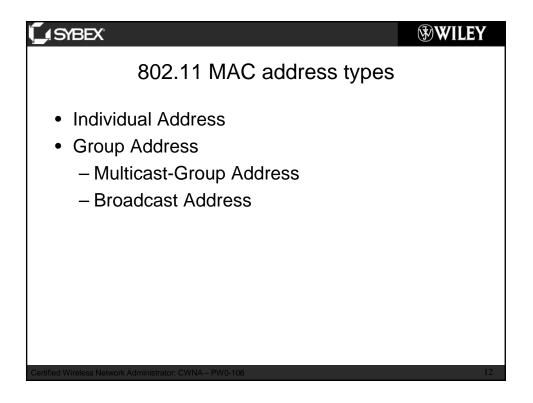


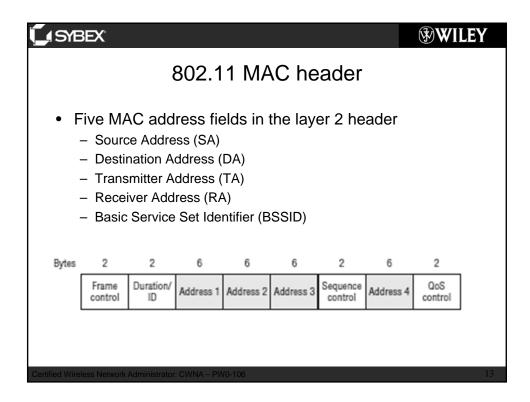
STBEX	WILEY		
802.11 MPDU			
<ul><li>MAC Header</li><li>Frame Body</li><li>Frame Check Sequence (FCS)</li></ul>			
MAC header Frame body F MSDU 0–2,304 bytes	CS		
MPDU—802.11 data frame			
Certified Wireless Network Administrator: CWNA – PW0-106	8		

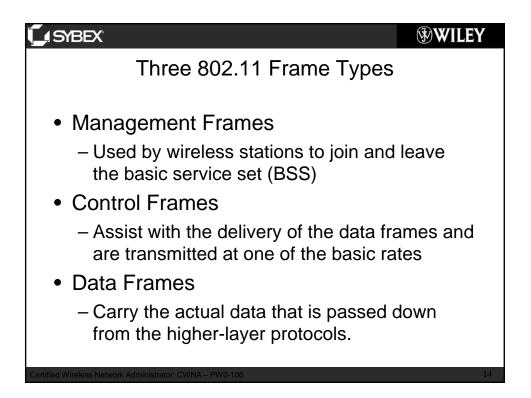




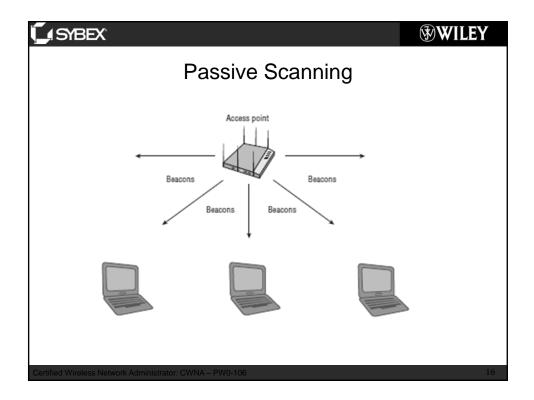


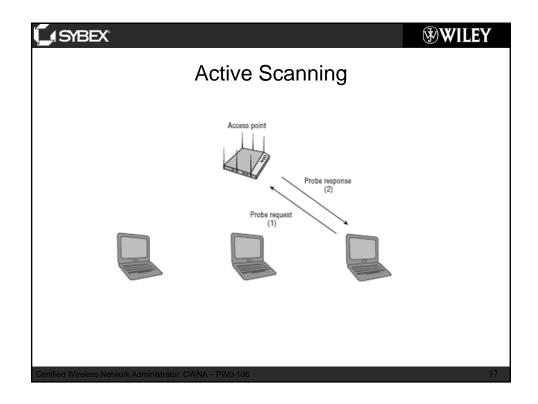


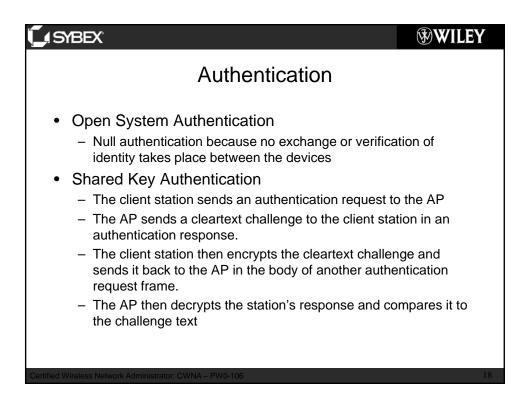


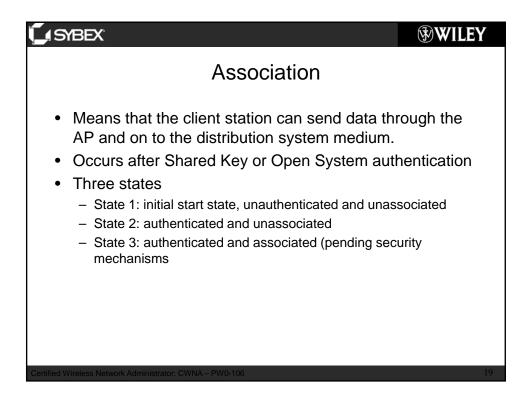


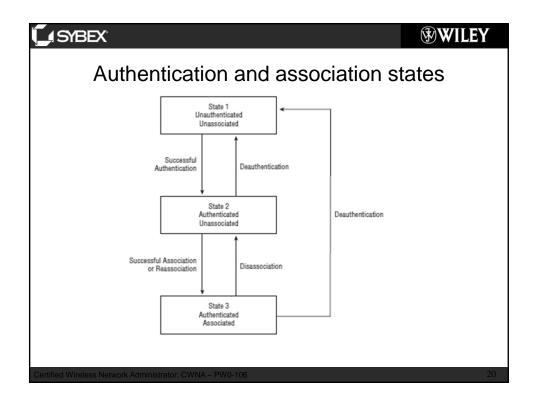
Information Type	Description	
Time Stamp	Synchronization information	
Spread Spectrum Parameter Sets	FHSS-, DSSS-, HR-DSSS-, ERP-, OFDM-, HT-, or VHT-specific information	
Channel Information	Channel used by the AP or IBSS	
Data Rates	Basic and supported rates	
Service Set Capabilities	Extra BSS or IBSS parameters	
SSID	Logical WLAN name	
Traffic Indication Map (TIM)	A field used during the Power Save process	
QoS Capabilities	Quality of service and Enhanced Distributed Channel Access (EDCA) information	
Robust Security Network (RSN) Capabilities	TKIP or CCMP cipher information and authentication method	
Vendor Proprietary Information	Vendor-unique or vendor-specific information	

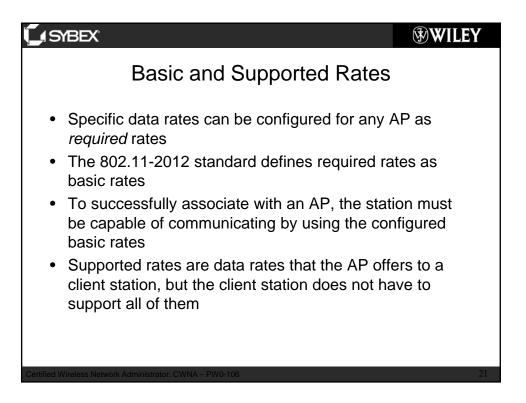


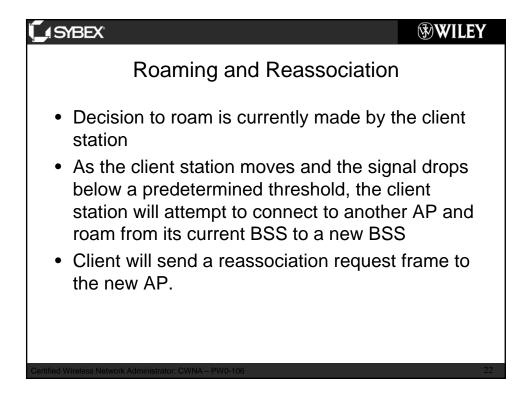


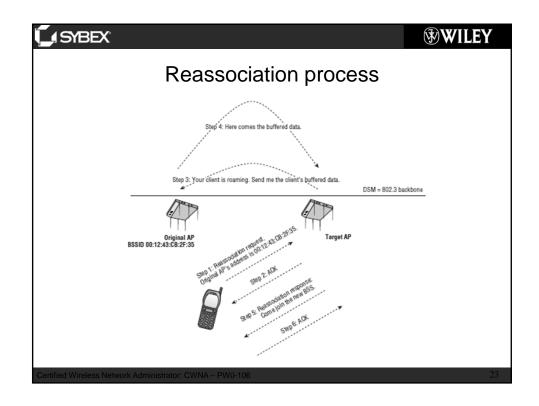


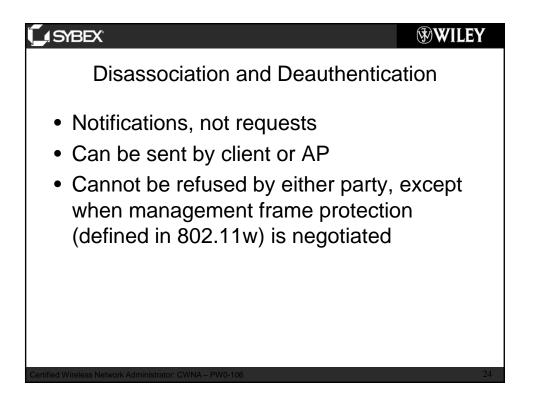


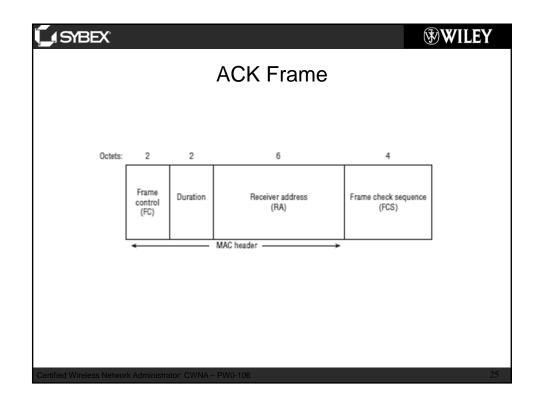


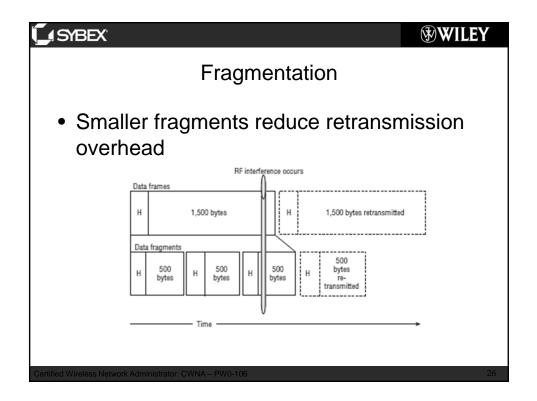


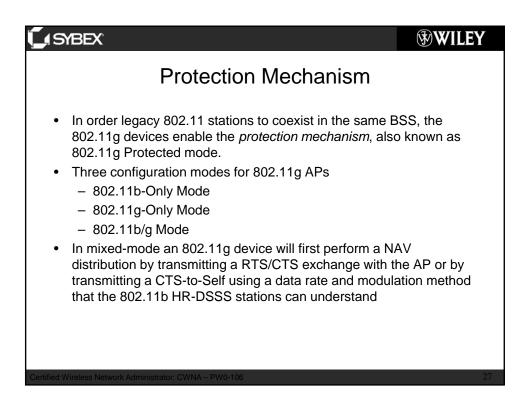


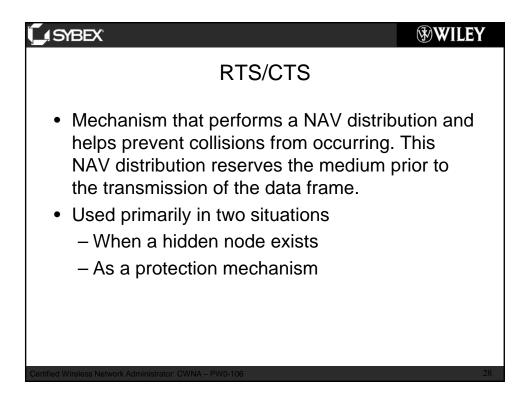




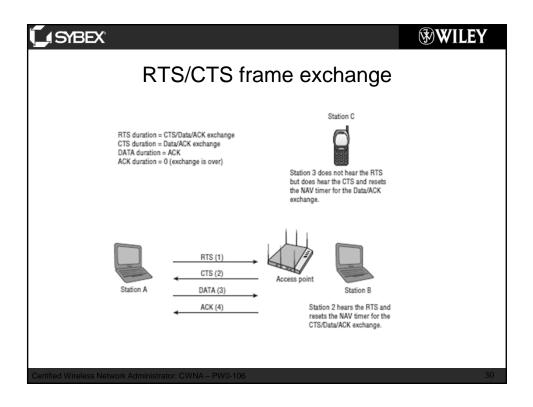


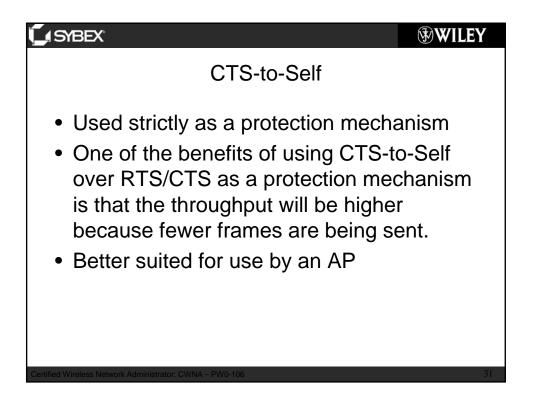


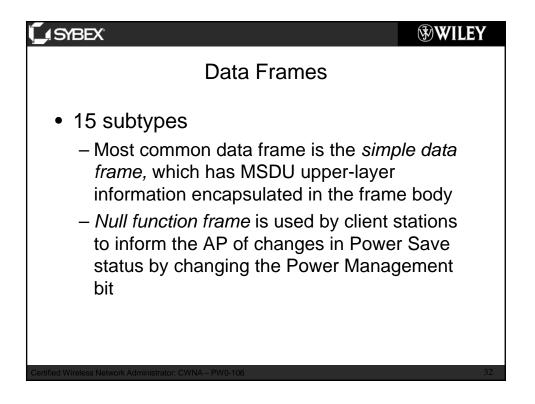


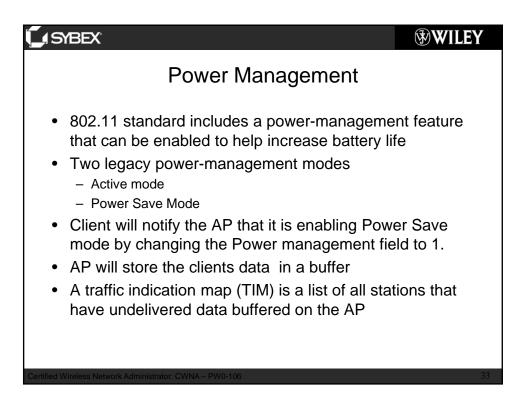


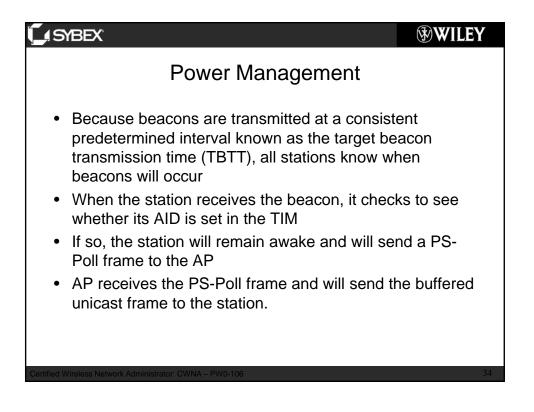
SYBEX <sup>®</sup>	<b>WILEY</b>
RTS/CTS duration values	
RTS     S     CTS     S     DATA     S       F     S     DATA     S     ACK       RTS     S     RTS duration value     CTS duration value	
Transmitting station     Receiving station     Certified Wireless Network Administrator: CWNA – PW0-106	29

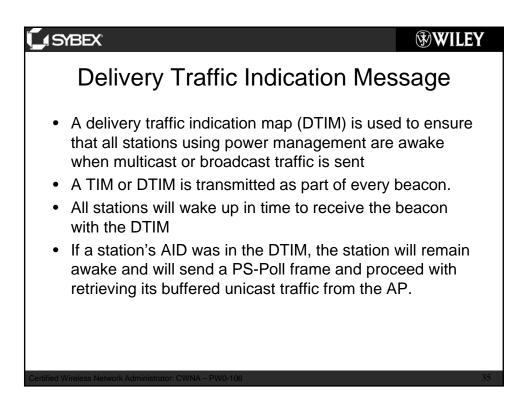


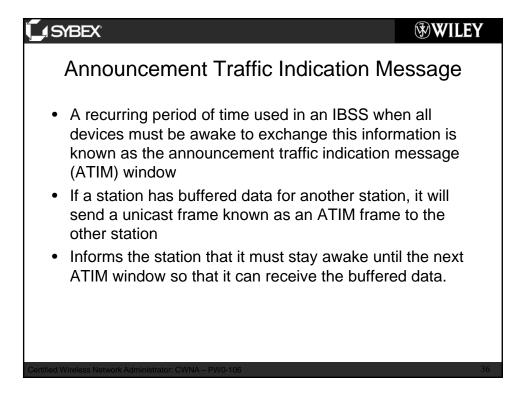


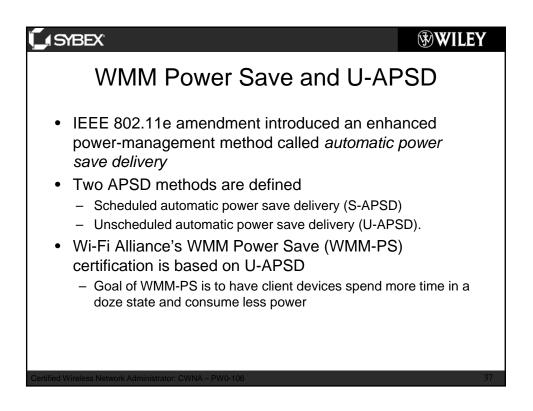


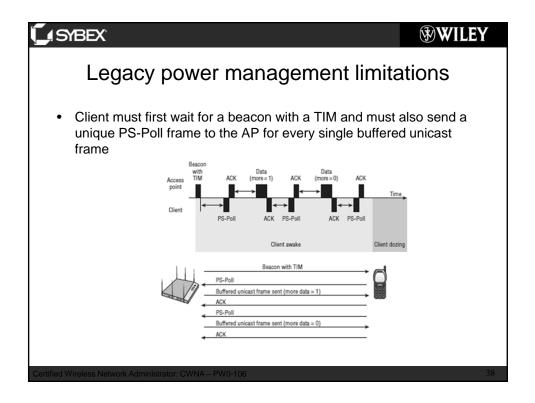


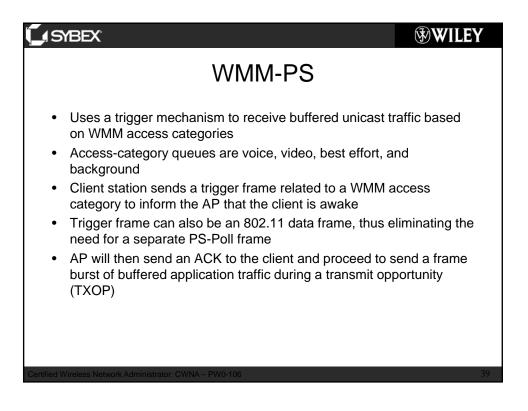


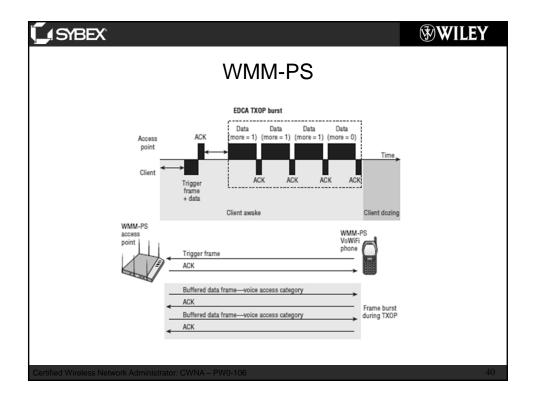


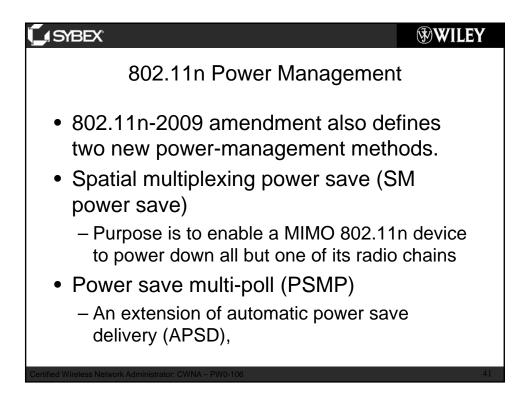




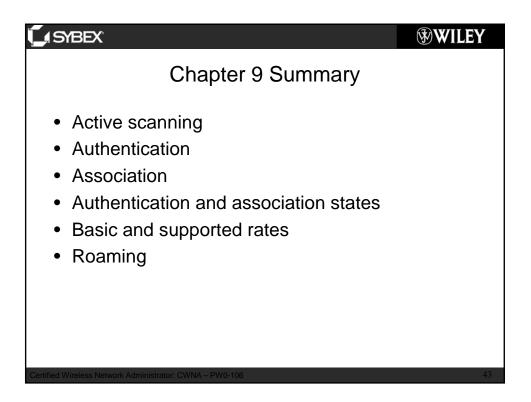








SYBEX .	<b>WILEY</b>
Chapter 9 Summary	
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SYBEX"	<b>WILEY</b>
Chapter 9 Summary	
<ul> <li>Reassociation</li> <li>Disassociation</li> <li>Deauthentication</li> <li>ACK frame</li> <li>Fragmentation</li> <li>Protection mechanism</li> </ul>	
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