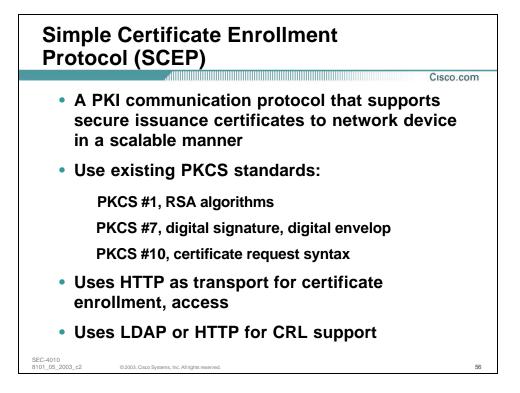
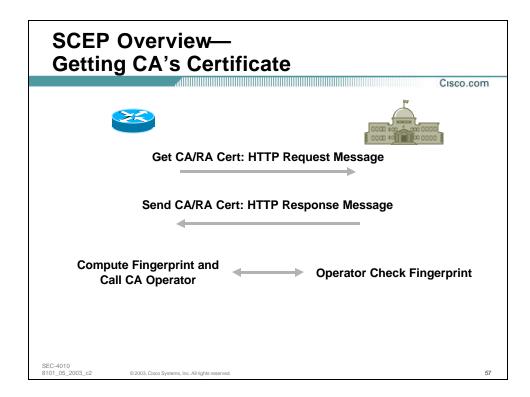
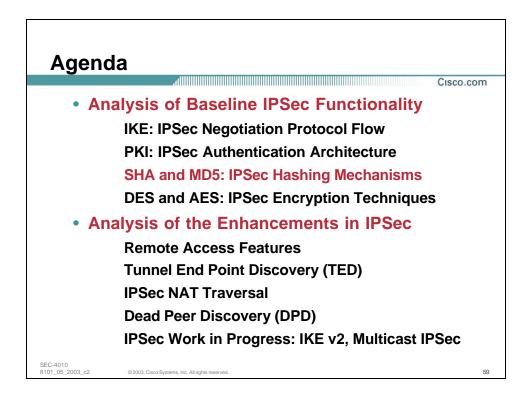


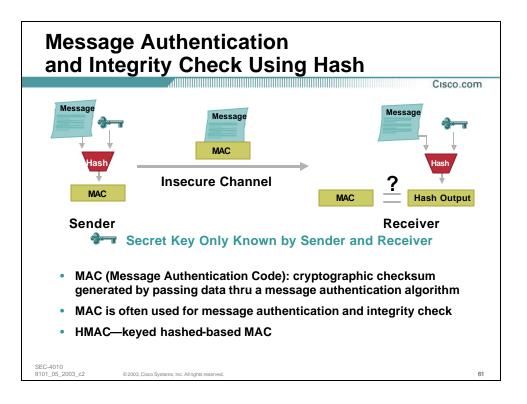
		Cisco.co
Version		
Serial Number		
Signature	Algorithm ID 🛛 🔸 🗕	Signing Algorithm e.g. SHA1withRSA
Issuer (CA	A) X.500 Name 🛛 🛀	CA's Identity
Validi	ty Period 😽 🛀	Lifetime of this Cert
Subject	X.500 Name 🛛 🛶	User's Identity e.g. cn, ou, o
Subject Public	Algorithm ID	User's Public Key (Bound
Key Info	Public Key Value	to User's Subject Name)
Issuer	Unique ID	
Subjec	t Unique ID	
Ext	ension 🗧	Other User Info e.g. subAltName, CDP
		e.g. SubAliname, CDF

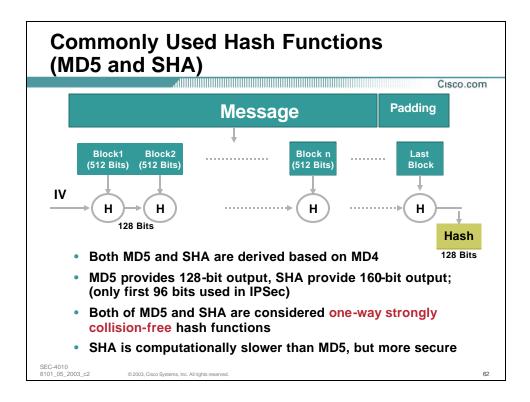


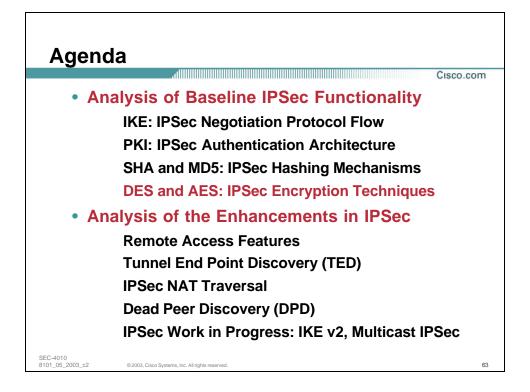


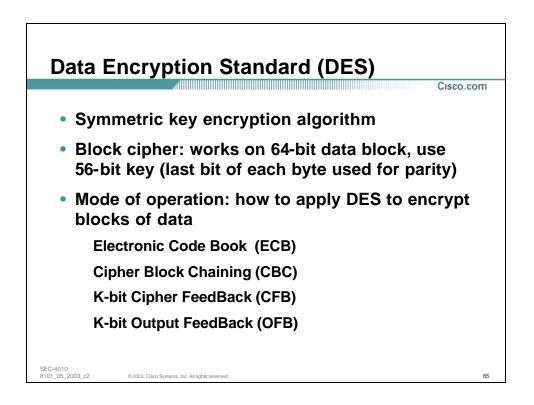
SCEP Overview—Enrollment				
Cisco	.com			
PKCSReq: PKI Cert. Enrollment Message				
CertRep: pkistatus = PENDING Compute Fingerprint and Call CA Operator CetCertInitial: Polling Message CertRep: pkistatus = GRANTED Certificate Attached	ıt			
SEC-4010         8101_05_2003_c2         @ 2003, Cisco Systems, Inc. All rights reserved.	58			

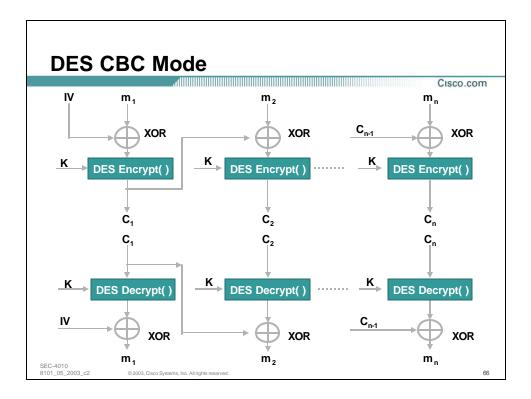


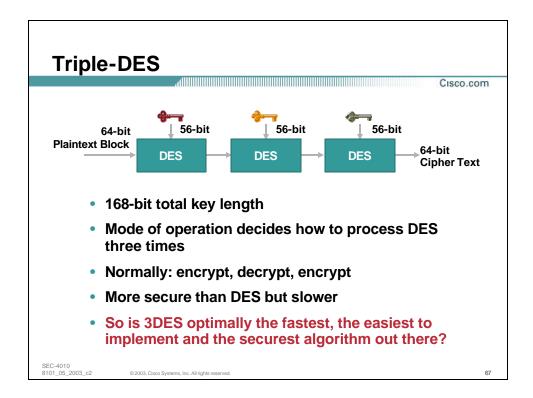


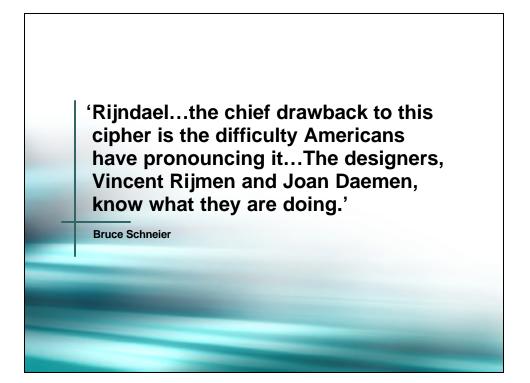


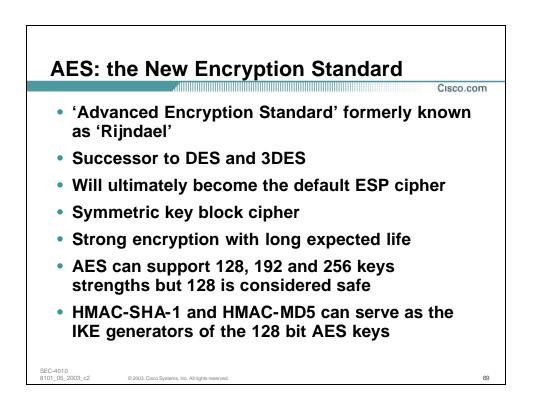


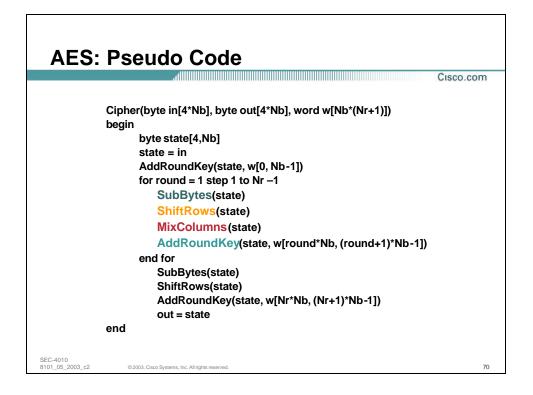


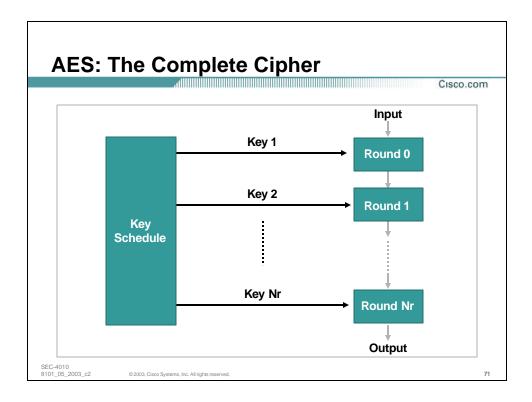


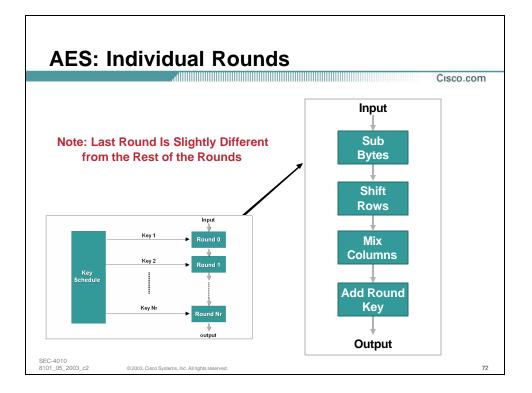


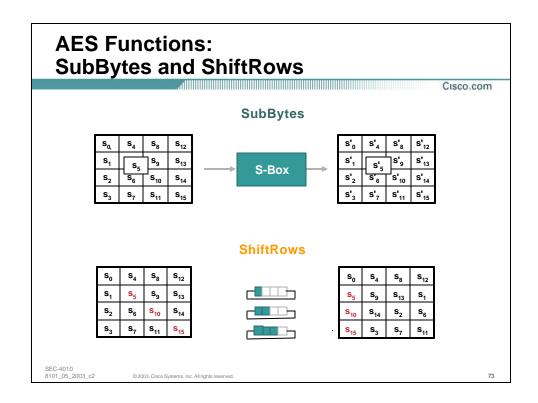


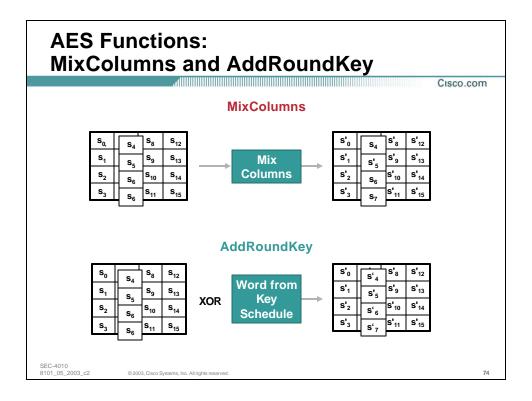


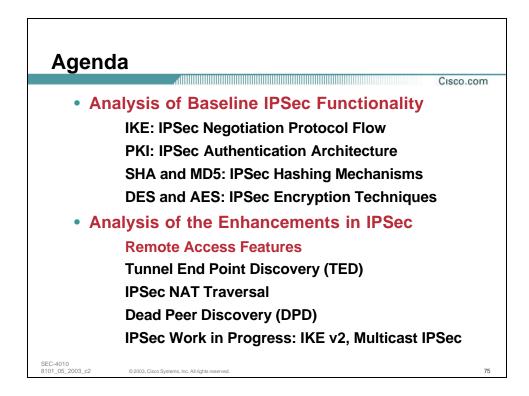


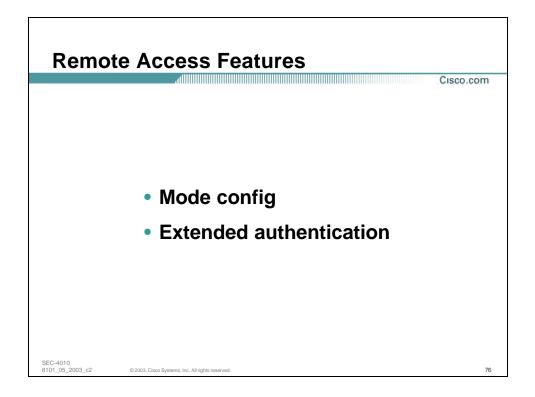


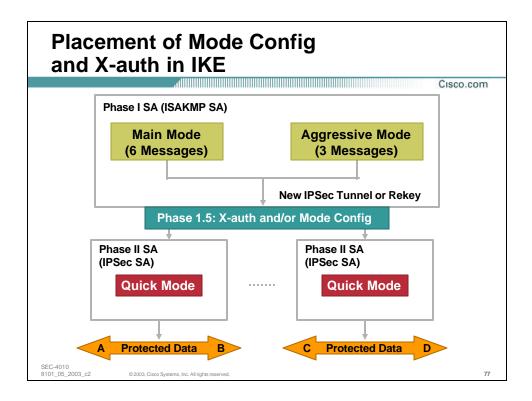


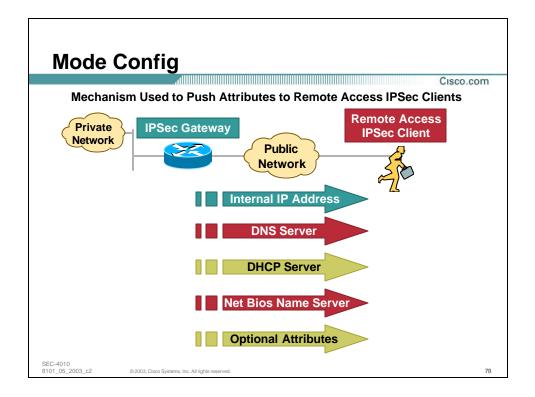


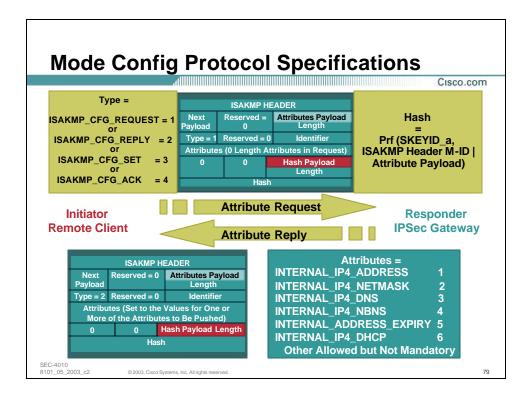


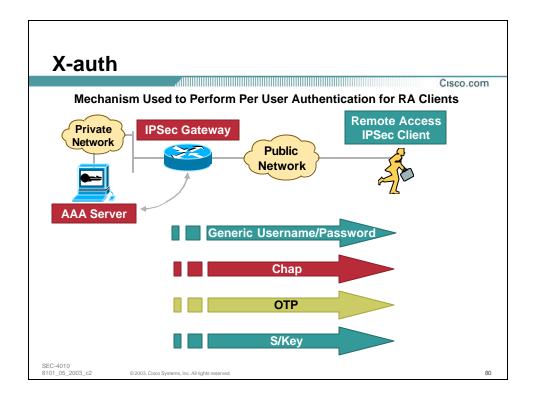


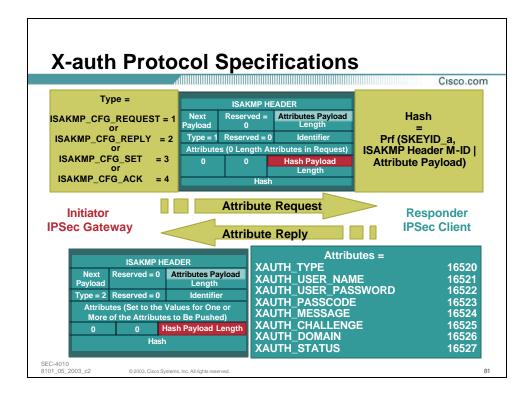


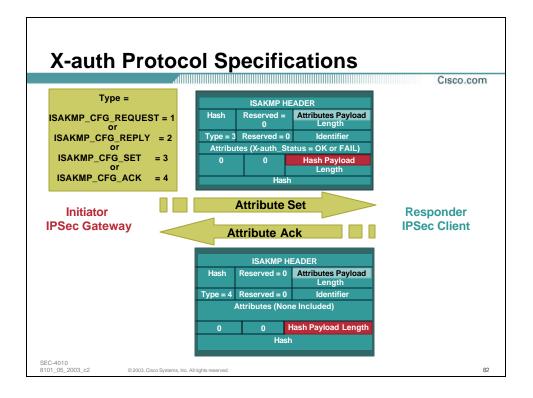


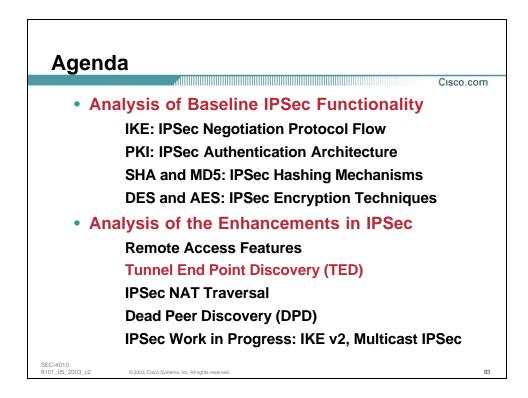


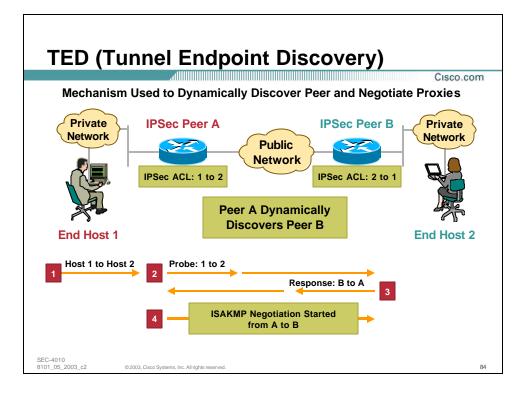


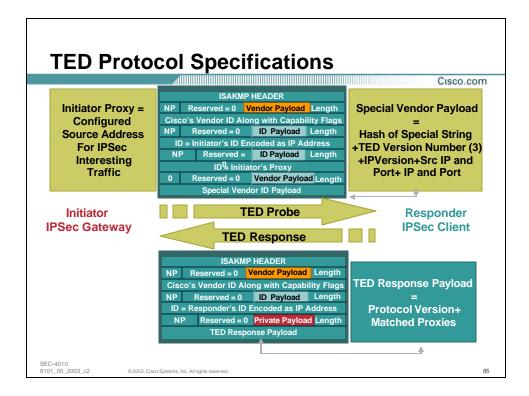


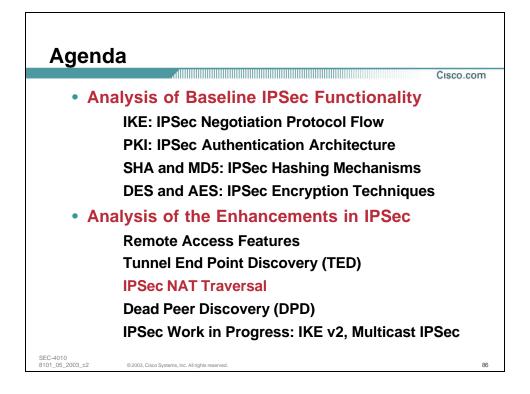


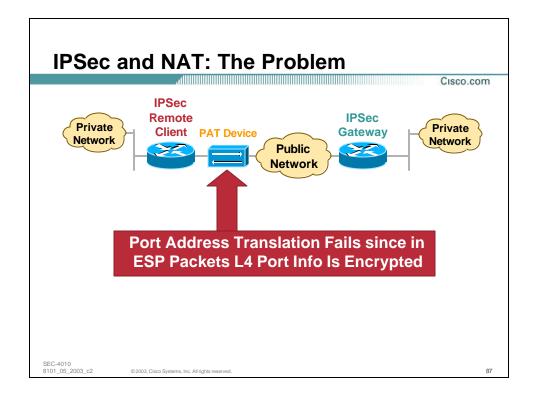


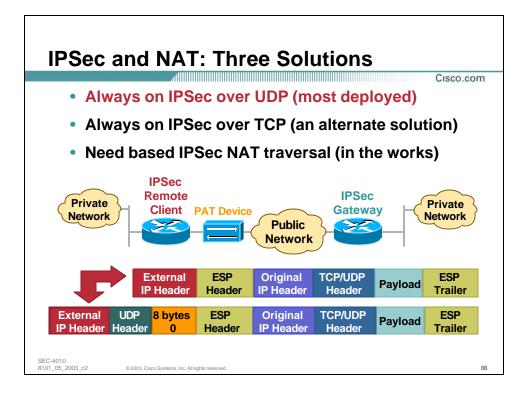


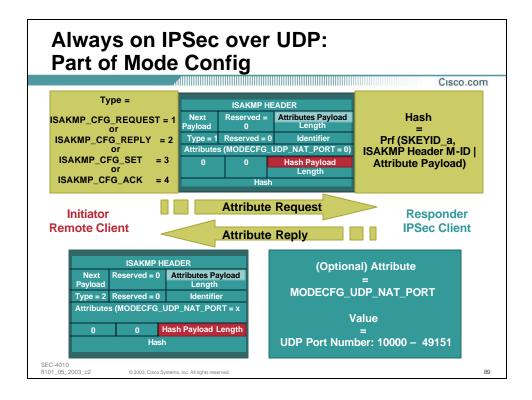


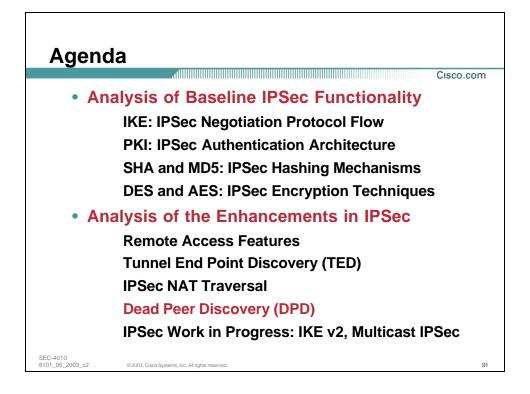


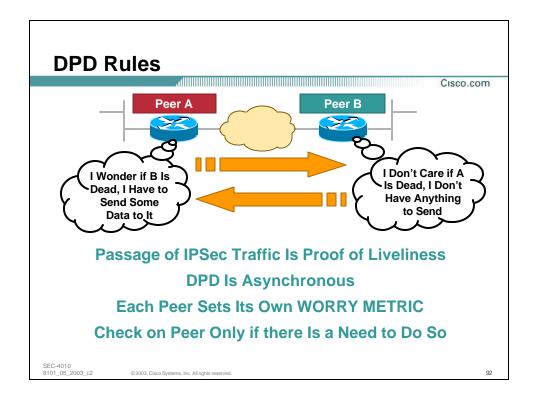


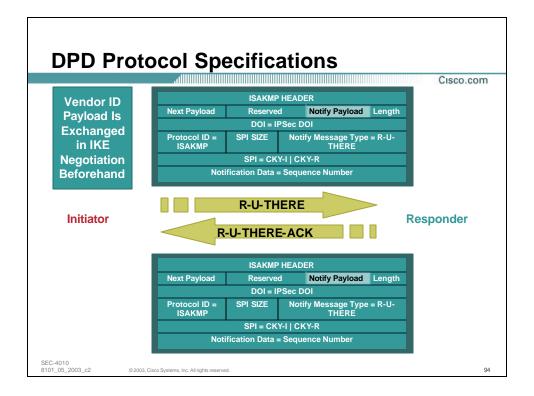


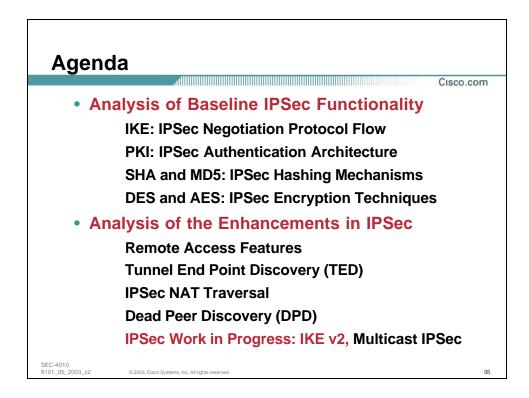












## IKE v2: Replacement for Current IKE Specification

### Feature preservation

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# Most of the features and characteristics of the baseline parent IKE v1 protocol are being preserved in v2

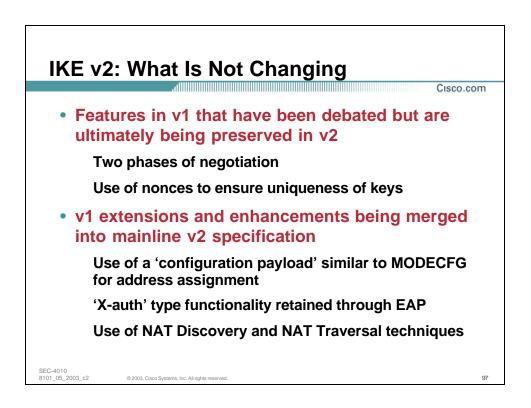
### Compilation of features and extensions

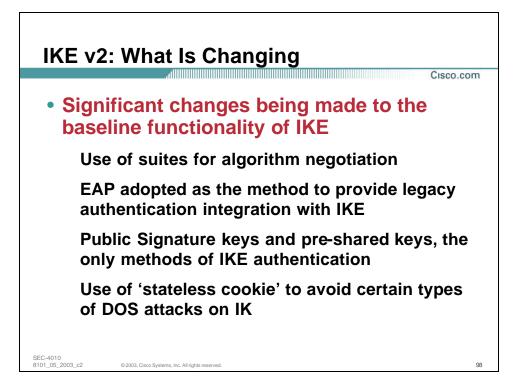
Quite a few features that were added on top of the baseline IKE protocol functionality in v1 are being reconciled into the mainline v2 framework

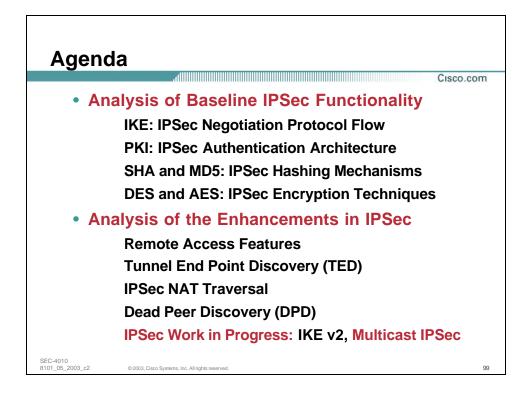
#### • New features

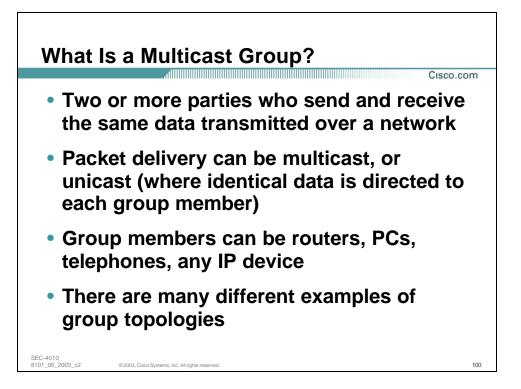
A few new mechanisms and features are being introduced in the IKE v2 protocol as well

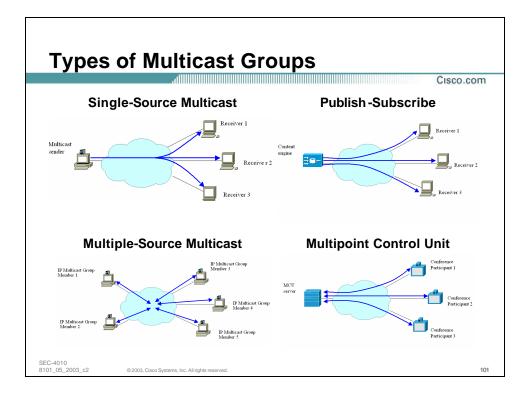
(Please Note that This Information Is Current as of February 2003; Finalization of the Specifications of the IKE V2 Protocol Is Still a Work in Progress) SEC-010 8101\_05\_2003\_c2 ©2003\_c2 ©2003\_c1 clsco Systems, Inc. All rights reserved.

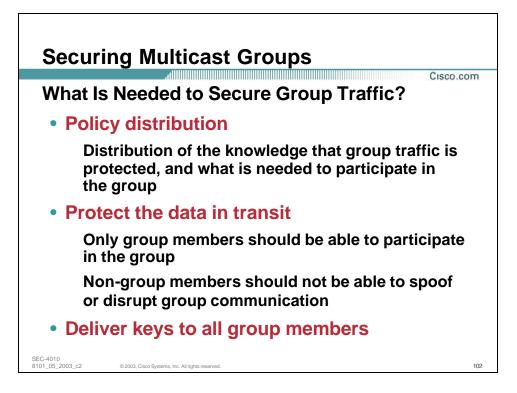


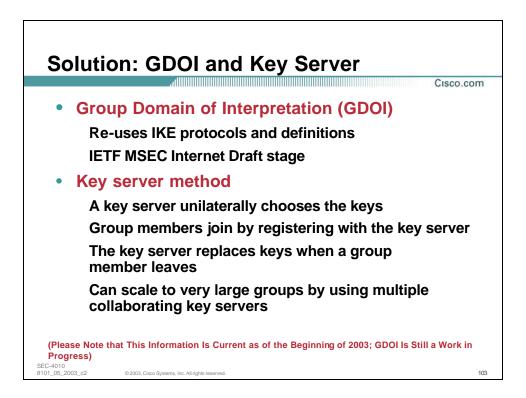


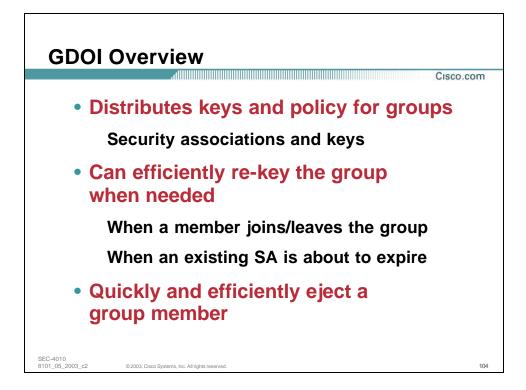


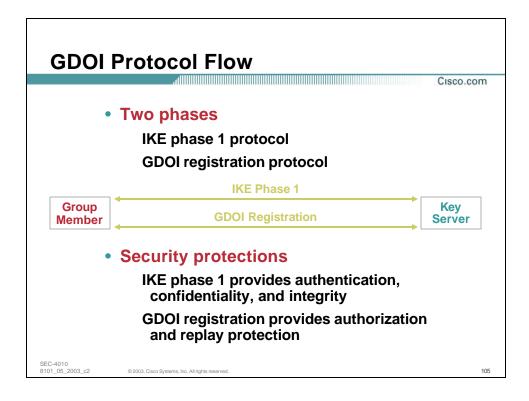


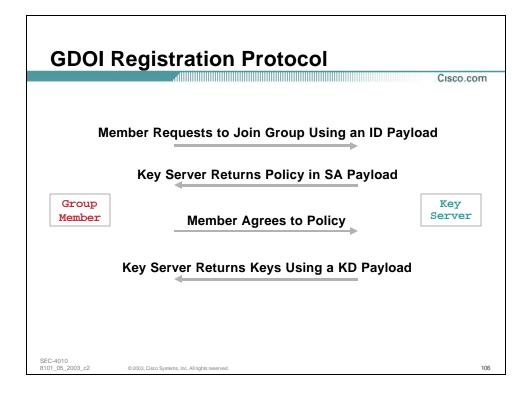


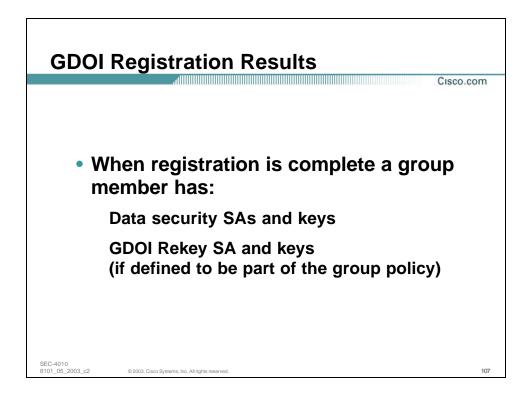












GDOI Rekey Message	
One message exchange	I
Sent from key server to all group members	
IP multicast message is the most efficient distribution	
<ul> <li>Security protections         Authentication/integrity provided by a digital signature on the message     </li> </ul>	
Confidentiality provided using keys distributed during GDOI registration	
Replay protection through use of a message sequence number	
Group Member Key Server	
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