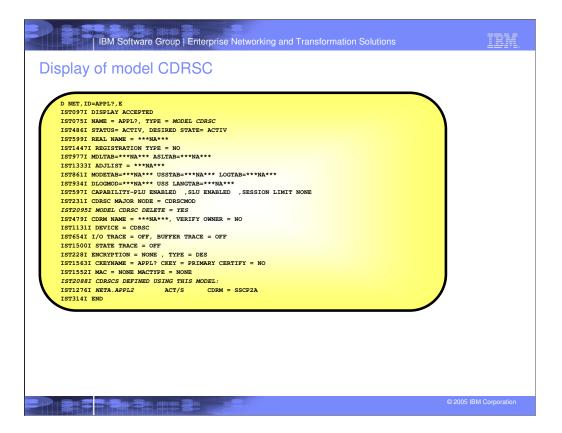
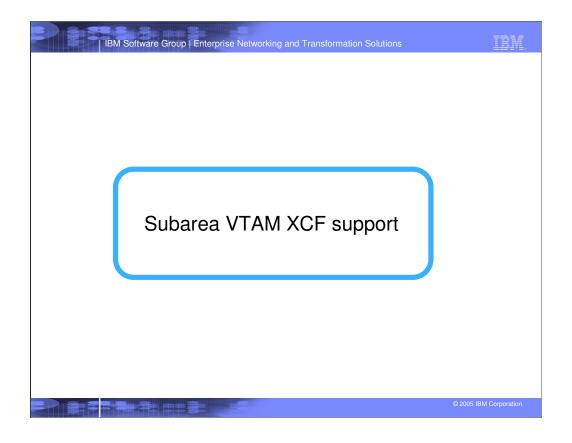


IBM Software Group Enterprise Networking and Transformation Solutions	IBM.
Activation/Inactivation of model CDRSCs	
➤Model CDRSCs are activated when their major node is activated if ISTATUS=ACTIVE.	
≻If a model CDRSC is inactive, it can be activated via the VARY NET,ACT command.	
>A model CDRSC can be inactivated via the VARY NET,INACT command.	
➢A model CDRSC must be active for it to be used to create clone CDRSCs.	
V NET,ACT,SCOPE=ALL can be used to activate a model CDRSC and all the clone CDRSCs that have been built from that model CDRSC.	
V NET,INACT,SCOPE=ALL can be used to inactivate a model CDRSC and all the clone CDRSCs that have been built from that model CDRSC.	
➢Clone CDRSCs can also be specified in the V NET,ACT and V NET,INACT commands.	
Specifying the DELETE operand on the VARY INACT command against a clone CDRSC will override the value of the DELETE parameter specified on the model CDRSC definition.	
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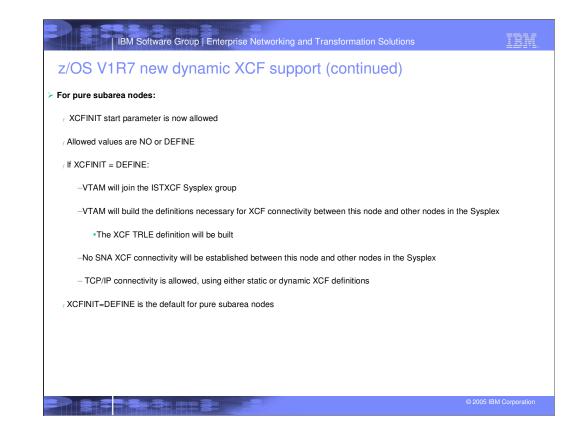
		nterprise Networking a	and Transformatio	n Solutions	IBM.
Display of CDRS D NET, ID=CDRSCMOD, E IST09TI DISPLAY ACCEPTEL IST07SI NAME = CDRSCHOD, IST486I STATUS= ACTIV, I IST476I CDRSCS: IST1276I APPL* IST1276I APPL* IST1276I NETA. APPL2 IST1276I NETA. APPL1* IST1276I NETA. APPL1* IST1276I NETA. APPL1? IST1276I NETA. APPL2 IST1276I NETA. APPL3 IST1276I NETA. A	TYPE = CDR ESIRED STAT ACTIV ACTIV ACTIV ACT/S ACTIV ACT/S ACTIV ACTIV ACTIV	SC SEGMENT E= ACTIV CDRM = ***NA*** CDRM = ***NA*** CDRM = SSCP2A CDRM = ***NA***			
 Note that the clone CDRSCs are displayed following the model CDRSC with which they were created. Note that the model CDRSCs that were defined after the NETWORK statement have the netid in the IST1276I message. Note that both clone CDRSCs are displayed with their netid in IST1276I. 					
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IBM Software Group Enterprise Networking and Transformation Solutions	IBM.
Dynamic XCF support prior to z/OS V1R7	
> Current VTAM support for dynamic XCF connectivity:	
 Allows dynamically Joining ISTXCF Sysplex group Building APPN and TRLE definitions Connecting to the other VTAM APPN nodes in the Sysplex 	
/ Based on XCFINIT start option (YES or NO)	
/ For VTAM APPN nodes only	
> Current TCP/IP support for dynamic XCF connectivity:	
 / Allows dynamically Using VTAM XCF connections Building TCP/IP devices and interfaces Connecting to the other TCP/IP stacks in the Sexplex 	
Based on IPCONFIG and IPCONFIG6 DYNAMICXCF parameters	
/ Requires running on a VTAM APPN node	
/ Requires VTAM APPN XCF connectivity	
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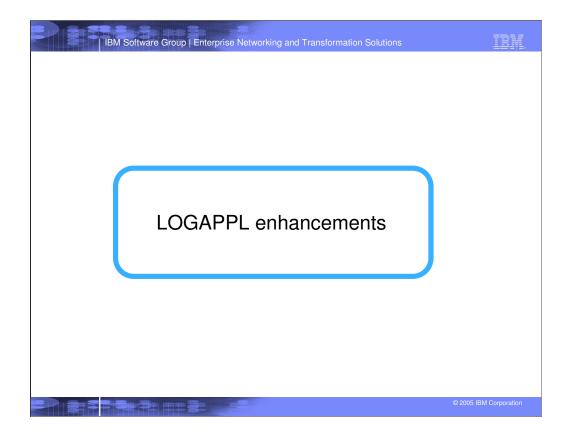
IBM Software Group Enterprise Networking and Transformation Solutions	IBM,
z/OS V1R7 new dynamic XCF support	
> With this release, z/OS Communications Server will allow:	
/ TCP/IP connectivity through XCF on APPN nodes without having to first establish APPN connections	
/ TCP/IP connectivity through XCF from pure subarea nodes	
This allows users to utilize the full range of TCP/IP Sysplex functions without having to redefine the SNA network to use APPN communications	
> For APPN nodes:	
7 A new value for the XCFINIT start parameter, DEFINE, is now allowed	
/ If XCFINIT = DEFINE:	
 VTAM will join the ISTXCF Sysplex group VTAM will build the definitions necessary for XCF connectivity between this node and other nodes in the Sysplex The XCF APPN PU and XCF TRLE definitions will be built VTAM will not activate those connections TCP/IP connectivity is allowed, using either static or dynamic XCF definitions 	
/ XCFINIT=YES will remain the default for APPN nodes	M.Corroration



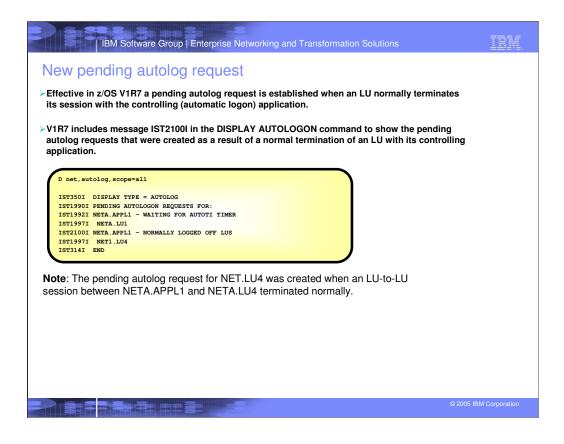
IBM Software Group Enterprise Networking and Transformation Solutions	IBM,
XCFINIT support in z/OS V1R7	
 For APPN nodes: XCFINIT=YES, () XCFINIT=DEFINE, () XCFINIT=DEFINE, () XCFINIT=DEFINE, () , ()<!--</th--><th>e</th>	e
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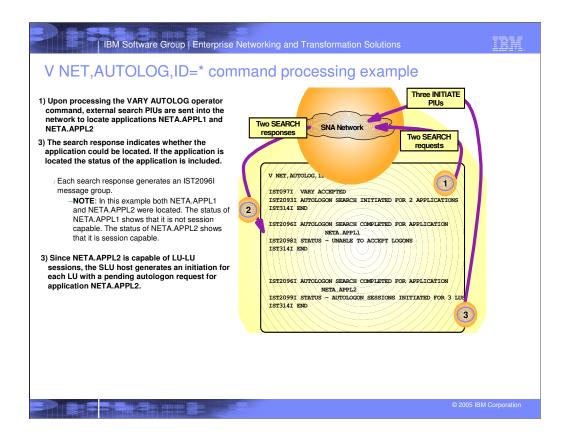
IBM Software Group Enterprise Networking and Transformation Solutions	IBM.
TRLE names	
>TRLE definitions created on a pure subarea node will use the default naming convention:	
$_{\rm f}$ ISTTxxyy, where xx is this node's Syscione value, and yy is the partner's Syscione value	
The first 4 characters (ISTT) can be changed using the TRLE parameter on a model XCF PU definition within the model major node deck	
7 Specify TRLE=cccc* on the model XCF PU definition, where:	
 -cccc must be from 1-4 characters. -The first character can be alphabetical (A-Z) or the national characters @, #, or \$. -Any characters after the first character can be alphabetical (A-Z), numerical (0-9), or the national characters @, #, or \$. 	3
/ The generated TRLE name will be ccccxxyy, where xx is this node's Syscione value, and yy is the partner's Syscione value	
≻ An APPN PU will not be created from the model PU definition	
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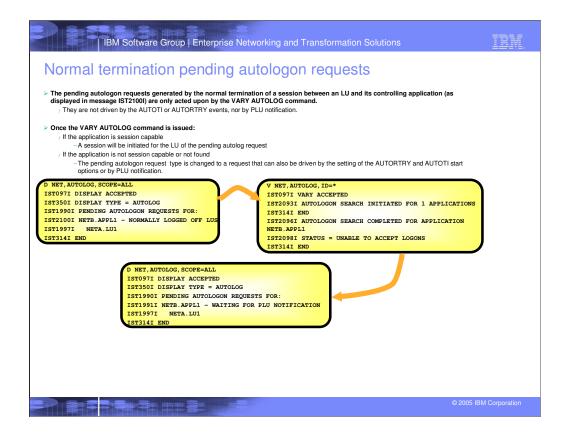


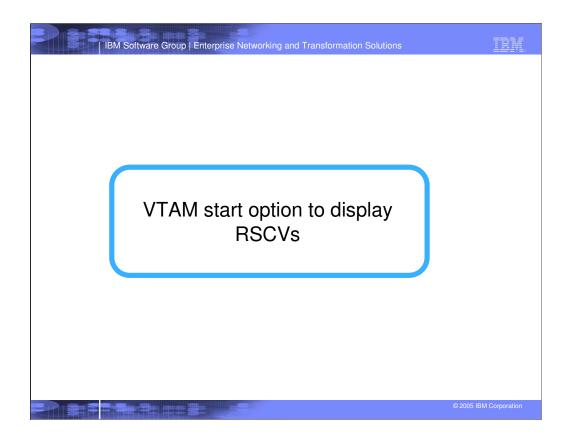


IBM Software Group Enterprise Networking and Transformation Solutions	TBM.
New VARY NET, AUTOLOG command	
Automatic logons / Coding LOGAPPL on an LU or by issuing a VARY LOGON (or VARY ACT,LOGON) to an LU enables the LU to do an automatic logon to a specified application when the LU becomes session capable.	
Pending autolog request / Should the automatic session attempt fail, a pending autolog request is established in the LU host. The reallocation of a pending autolog request is attempted when a notification of the application's availability is received or when the conditions defined on the AUTOTI and AUTORTRY VTAM start option are met.	
 The reallocation of pending autolog requests can now be driven with the new VARY AUTOLOG operator command. The new VARY AUTOLOG command will allow customers to immediately drive pending autologon requests into session if the controlling application is located and is session capable. 	
The VARY AUTOLOG command has an option of acting upon a selected PLU name or all PLUs for which there is a pending autolog request.	
>>VARY NET, AUTOLOG, ID=*>< , ID=controlling_appl	
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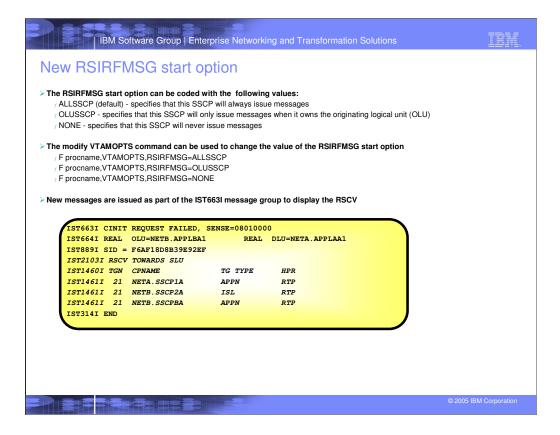


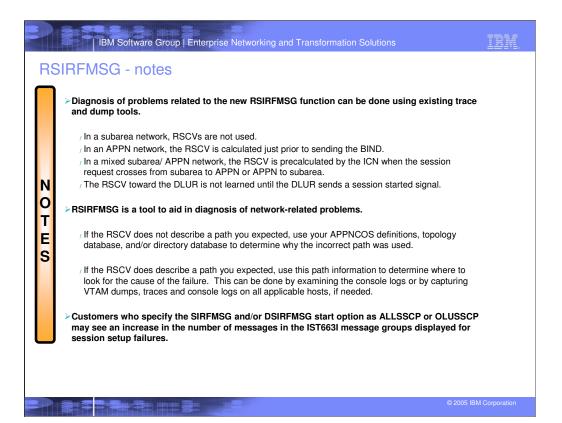




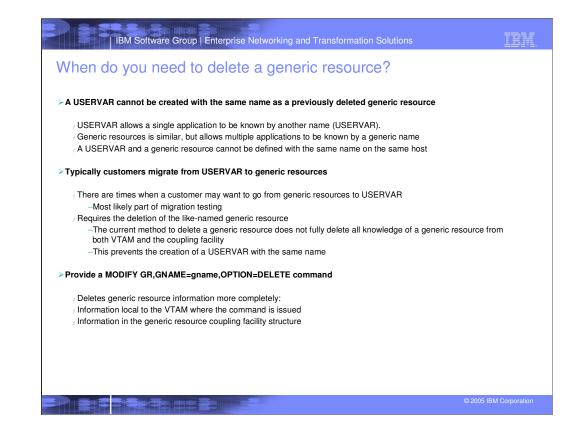


IBM Software Group Enterprise Networking and Transformation Solutions	IBM.
Route Selection Control Vector (RSCV)	
Sessions through APPN use a Route Selection Control Vector	
Series of hops, each of which describes a link to the heat APPN Node RSCVs between two APPN nodes can vary	
Different logmodes and classes of service	
/ Multiple equal weight routes between APPN nodes	
/ Multiple Border Node connections between APPN networks	
RSCV not available after session failure	
/ Diagnosis aid if RSCV displayed	
-Help diagnose network problems	
-Help determine correct APPN nodes to gather documentation	
 / IST663I message group issued today for session failures Does not display RSCV 	
➢ New start option - RSIRFMSG	
Controls displaying of RSCV on session setup failure	
Can be changed by MODIFY VTAMOPTS	
Included in the SIRFMSG and DSIRFMSG message groups	
/ Must code SIRFMSG and/or DSIRFMSG as ALLSSCP or OLUSSCP to receive the RSIRFMSG mess (such as ASIRFMSG, ESIRFMSG, and FSIRFMSG)	ages
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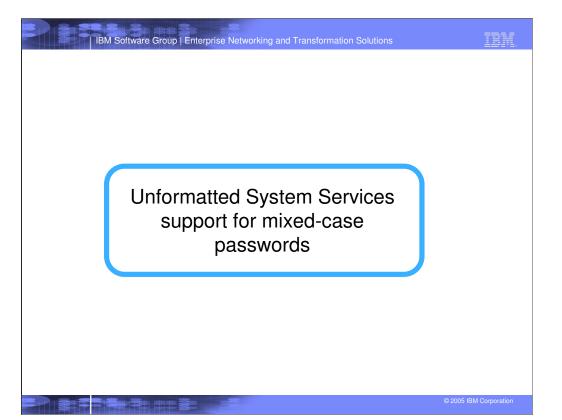


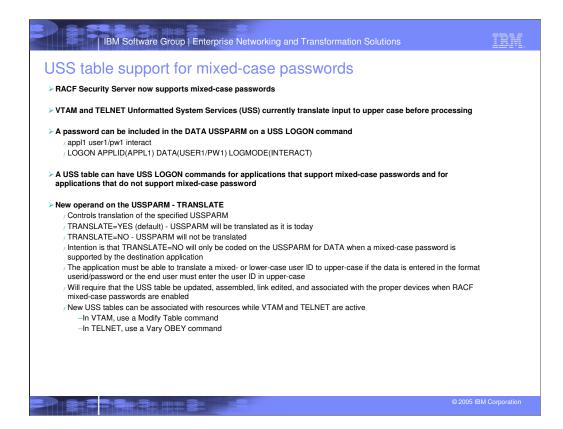


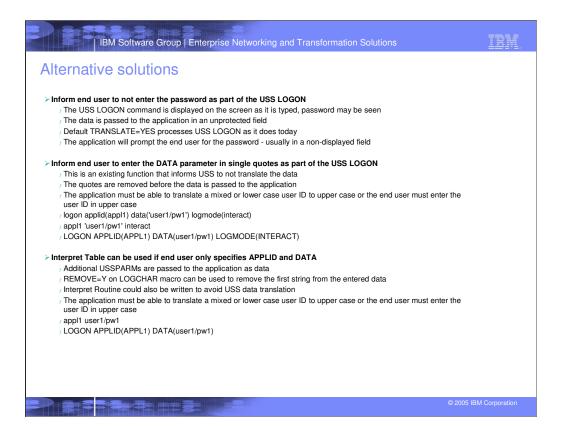


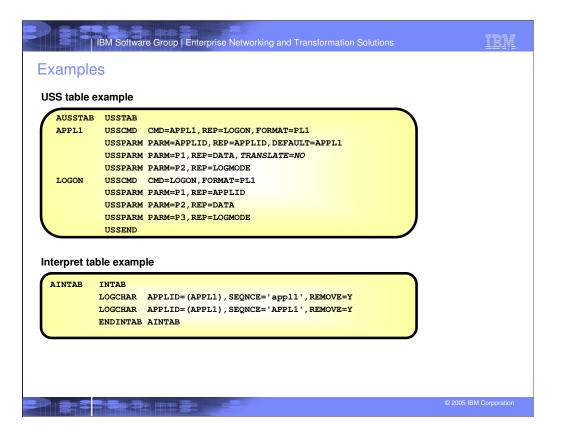


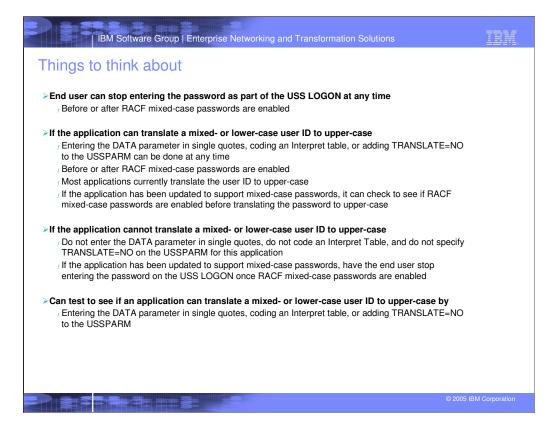
IBM Software Group Enterprise Networking and Transformation Solutions	IBM.
New modify GR DELETE command	
Issue the MODIFY GR DELETE command at every host in the Sysplex that has knowledge of the generic in r Real instance r Generic USERVAR	resource
 For command to complete successfully, every application instance of the generic resource must: Delete itself as an active instance of the generic resource End all of its sessions Delete all of its generic resource affinities Close its ACB To determine if a host has local knowledge of generic resources, issue the command: D NET,RSCLIST,ID=*,IDTYPE=GENERIC 	
d net,rsclist,id=*,idtype=generic IST0971 DISPLAY ACCEPTED IST3501 DISPLAY TYPE = RSCLIST IST14171 NETID NAME STATUS TYPE MAJNODE IST14181 NETA GRAPPL INACT GENERIC RESOURCE **NA** IST14181 NETA GRAPPL INACT GENERIC USERVAR **NA** IST14181 NETA GRAPPL INACT GENERIC RESOURCE **NA**	
GENERIC USERVAR indicates local generic resource data exists on this host. GENERIC RESOURCE indicates generic resource data exists in the coupling facility.	
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