KTest

更に上のクオリティ　更に上のサービス

問題集

http://www.ktest.jp

1年で無料進級することに提供する

Exam : **920-443**

Title : nncse-succession 1000/1000m rls.3.0

Version : DEMO

1. A multi-site Succession 1000/1000M Rls 3.0 system has just been networked to a third-party H.323 Gateway via IP Peer Networking. During call testing, it was discovered that NO Succession telephone calls can be completed to this third-party Gateway. Which three actions will determine the root cause or lead to the resolution of this call issue? (Choose three.)

A. Verify the data network integrity to the third-party Gateway.

B. Verify that the H.323 Signaling Gateways in both systems are running and registered with their appropriate H.323 Gatekeeper.

C. Verify that the telephone(s) used for testing are compatible with this Gateway. If NOT, change to a H.323 compatible telephone.

D. Verify that the H.323 Signaling Gateway application is installed and running on the Signaling Server in this system and in the third-party system.
Answer: ABD

2. Given the following information: ?A company has a multi-site Succession 1000M Multi-Group Rls. 3.0 system providing IP-PBX services. ?All Succession systems are networked via a managed IP backbone. ?All systems have i2002 Internet Telephone users. ?All users at one site report they are unable to dial any external users through the Public Switched Telephone Network (PSTN). ?There are NO reported problems with dialing any internal i2002 Internet Telephone user. ?Troubleshooting confirmed that these i2002 Internet Telephones are registered. What is the first step in troubleshooting this issue?

A. Restart the i2002 Internet Telephones only.

B. Uninstall the i2002 software and then reinstall it.

C. Restart the Signaling Server and the i2002 Internet Telephones.

D. Enable the VGMC in Overlay LD 32 and verify that all the DSP channels are registered.
Answer: D

3. Given the following information: ?A company has a multi-site Succession 1000/1000M Rls. 3.0 system providing IP-PBX services. ?All Succession systems are networked via a managed IP backbone. ?On one of the Succession 1000/1000M Rls. 3.0 systems, a small department is using four i2050 softphones. ?The PC is connected to the Succession network and can ping the IP Telephony node. ?The i2050 configuration tool is configured with the correct IP Telephony node IP address. ?One of the i2050s is NOT working and its screen has the legend, ? ZRUNLQJDQGLWVVFUHHQKDVWKHOHJHQG Server unreachable ? ?To isolate the i2050 issue the following tasks were verified: ?The PC is connected to the Succession network and can ping and be pinged. ?The i2050 IP address is correct. ?The programming of the Call Server is correct. Which two tasks should you perform next to resolve the i2050 softphone registration issue? (Choose two.)

A. Verify that the Telephony LAN (TLAN) connection is a 100Base-T connection.

B. Use a Sniffer to collect more information to help determine what is the cause of the i2050 issue.

C. Reload the i2050 software and carefully review the displays as the software loads to the i2050.

D. In the i2050 Configuration Utility on the QoS tab, select the Off option and restart the i2050 softphone.

E. Use the i2050diag.exe Utility to verify that the QoS tab is set to Off and restart the i2050 softphones.
Answer: BD

4. A company with a multi-site Succession 1000/1000M Rls. 3.0 deployment is receiving reports from its users in the payroll department of audible clicks and choppy speech on most telephone calls during peak calling hours. Given the following information: ?The voice quality issues occur when calls are made through a common Voice Gateway Media Card (VGMC). ?All users have i2004 Internet Telephones that are connected to a Layer 2 switch. ?Users access the Succession system via the network through a 512 kbps Point-to-Point Protocol (PPP) connection that is four hops away. ?Internet Telephone > Layer 2 switch > router > 512 kbps PPP > router > Layer 2 switch > VGMC ?The Layer 2 switches were recently configured to give voice traffic using IEEE802.1p tagging priority. ?Traffic studies reveal an average Round Trip Delay (RTD) of 130 ms with a G.729A CODEC and a 1.0% packet loss measured over a week. Which three QoS techniques could you perform to improve voice quality? (Choose three.)

A. Replace the common VGMCs.

B. Adjust the echo canceller tail delay value.

C. Adjust the jitter buffer size in the selected CODEC.

D. Enable Layer 3 fragmentation on the routers to reduce RTD.

E. Configure QoS on the routers by implementing IEEE 802.1p tagging.

F. Configure QoS on the routers by implementing Differentiated Services Code Point (DSCP).
Answer: CDF

5. A company has a Succession 1000 Rls. 3.0 system with Voice Gateway Media Cards (VGMCs). These cards are configured via the Optivity Telephony Manager (OTM) Alarm Notification application. The VGMCs send alarms in the form of Simple Network Management Protocol (SNMP) traps to the customer OTM Server. The customer noticed a frequent occurrence of the TG0204, DSP device reset? ? 7*'63GHYLFHUHVHW error on the same Digital Signal Processor (DSP) in the OTM Alarm Notification application. What is the next step in troubleshooting this issue?

A. Replace the VGMC.

B. Reset the Signaling Server.

C. Restart the Succession switch.

D. Do Nothing. This is an information error, which shows that the DSP was reset after it failed to respond.
Answer: A

6. A company has a Succession 1000/1000M Rls. 3.0 system at their headquarters that is networked to several other Nortel Networks IP-PBXs and third-party H.323 PBXs via their IP backbone. They are having communication issues with one of the non-Nortel Networks H.323 PBXs. Initially, the interworking between these two systems was working properly. NO configuration changes have been made between these two systems since they were first interworked. Which tool should you use to assist you in determining the root cause of this interworking issue?

A. Sniffer Pro

B. T-Berd Data Analyzer

C. Multi Router Traffic Grapher

D. Remote diagnostic tools in Element Management (EM) on the Call Server

E. Remote diagnostic tools in EM on the Gatekeeper
Answer: A

7. On a previously error free multi-site Succession 1000/1000M Rls. 3.0 system, a spare Voice Gateway Media Card (VGMC) was installed in the system. Upon completion of this spare card installation, a few test calls failed to connect. What is the most likely cause of the failed call attempts and the required corrective action?

A. The spare VGMC is defective. Replace the VGMC.

B. The spare VGMC is running an unsupported firmware (F/W) version. Download the compatible F/W to the VGMC.

C. The spare VGMC CODEC list does NOT match the other VGMCs in the IP Telephony node. Download the IP Telephony node configuration to the new VGMC.

D. The Internet Telephone used for the call testing was NOT registering due to a duplicate IP address in the Succession system. Verify the correct IP address and enter it in the system to replace the duplicate one.
Answer: C

8. A company with a multi-site Succession 1000/1000M Rls. 3.0 deployment is receiving reports from its users in an off-site department of audible clicks and choppy speech on most telephone calls placed to the headquarters during peak calling hours. Given the following information: ?All users have i2004 Internet Telephones that are connected to a Layer 2 switch. ?When users place telephone calls while transferring large data files to the headquarters, they experience choppy speech consistently during the call. ?The

Customer LAN (CLAN) has a number of PCs using Internetwork Protocol Exchange (IPX) and AppleTalk protocols. ?Users access the Succession system via the network through a 512 kbps Point-to-Point Protocol (PPP) connection that is four hops away. ?Internet Telephone > Layer 2 switch > router > 512 kbps PPP > router > Layer 2 switch > VGMC ?The network was recently configured for QoS and it has been verified that the Differentiated Services Code Points (DSCPs) on the routers are giving priority to voice traffic. ?Assume a maximum utilization of 70% (i.e., 358 kbps). ?Traffic studies reveal an average Round Trip Delay (RTD) of 100 ms with the G.711 CODEC configured on the i2004 Internet Telephones and a 1.0% packet loss measured over a week. ?The payload for each G.711 CODEC call over the network is about 80 kbps. Which two cost effective QoS techniques could you perform to reduce the audible clicks and choppy speech until the company can upgrade their link bandwidth? (Choose two.)

A. Use the G.729A CODEC on calls to the headquarters.

B. Upgrade routers to provide QoS using IEEE 802.1p tagging.

C. Implement PPP fragmentation and interleaving on the routers.

D. Implement fallback routing to analog trunks if QoS falls below a predetermined value.

E. Reduce the number of hops between the Internet Telephones and the Succession system at the headquarters.
Answer: AC

9. A company with a multi-site Succession 1000/1000M Rls. 3.0 deployment is receiving reports from some users who are hearing an echo on calls. Which QoS technique could you perform to improve the voice quality to the satisfaction of the company?

A. Increase the bandwidth on the company WAN.

B. Have the audio levels on the affected telephones checked and adjusted.

C. Upgrade all the Voice Gateway Media Cards (VGMCs) in the Succession system.

D. Program the data networking equipment to ensure that duplicate packets are NOT sent on the network.
Answer: B

10. Given the following information: ?A company has a Succession 1000/1000M Rls. 3.0 system with Internet Telephone and digital telephone users. ?Internet Telephone and digital telephone users are reporting a " NO speech path" condition when they call each other. However, this issue is NOT experienced on digital telephone-to-digital telephone and Internet Telephone-to-Internet Telephone calls. ?After making several test calls, it is discovered that this issue seems to occur when the Voice Gateway Media Card (VGMC) in Media Gateway 3 (MG 3) is used to make calls. ?Assume the following facts are known: ?Internet Telephone users do NOT reside in the same Telephony LAN (TLAN) subnet as the VGMC. ?The issue has been isolated to when the VGMC in MG 3 is used. ?The only digital line card in the system is in MG 3. What is the correct step in troubleshooting this issue?

A. Replace the digital line card in MG 3.

B. Replace the IP Daughter Board (DB) in MG 3.

C. From the VGMC ping the TLAN Gateway. If the ping fails, have the network support personnel fix the issue. This is causing the NO speech path condition between Internet Telephone users and digital telephone users.

D. From MG 3 ping one of the Internet Telephone users. If the ping fails, this implies that the routing table in MG 3 does NOT allow voice packets to be sent from the IP DB of MG 3 to Internet Telephone users. Contact your network support personnel to fix the routing issue for MG 3.
Answer: C