Business Communications Manager 3.5

Programming Records

Data configuration

NORTEL NETWORKS

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DHCP

DHCP Summary	
Status	

DHCP Mode	
DHCP	

Relay Agent - Global Options	
Log Level	

Relay Agent - Server List					
IP Address					

Relay Agent - Interface Options			
	Relay DHCP packets	Hop-count threshold	Seconds-since-boot threshold
LAN1			
LAN2			

DHCP Server Global Options	
IP Domain Name	
WINS Node Type	
NORTEL IP Terminal Information	
NORTEL IP Terminal VLAN Id	

Local Scope – LAN1

Scope Specific Options – LAN1			
Name		Default Gateway	
Description		Lease Time	
DNS Server		Scope Status	
WINS Server			

Address Range – LAN1		
Range	Start address	End Address

Excluded Address – LAN1		
Range	Start address	End address

Local Scope – LAN1

Reserved Address – LAN1				
Range	IP Address	MAC Address	Client Name	Client Description

Local Scope – LAN2

Scope Specific Options – LAN2			
Name		Default Gateway	
Description		Lease Time	
DNS Server		Scope Status	
WINS Server			

Address Range – LAN1		
Range	Start address	End Address

Excluded Address – LAN1		
Range	Start address	End address

Local Scope – LAN2

Reserved Address – LAN2				
Range	IP Address	MAC Address	Client Name	Client Description

Remote Scope

Add Remote Scope				
Subnet name			IP Address	
Subnet Comment			Subnet Mask	

Remote Scope Specific Options			
Name		Default Gateway	
Description		Lease Time	
DNS Server		Scope Status	
WINS Server			

Remote Address Range		
Range	Start address	End Address

Remote Excluded Address		
Range	Start address	End address

Remote Scope

Remote Reserved Address				
Range	IP Address	MAC Address	Client Name	Client Description

DNS

DNS Summary	
Status	
IP Domain	
Primary (and Secondary) Server	
Forward Timeout	

IP Routing

RIP Global Settings				
RIP Log Level			Triggered Update Interval	

OSPF Global Settings				
OSPF Log Level			Router Area ID	
Router ID			Authentication Type	

IP Routing Summary	
Interface	Routing Protocol

IP Routing

RIP Parameters							
Interface							
Metric							
Routing Table Update Mode							
Route Announcement Type							
Route Accept Type							
Route Expiration Interval							
Route Removal Interval							
Route Announcement Interval							
Route Tag							
Poisoned Reverse							
Triggered Updates							
Announce Default Route							
Accept Default Route							

OSPF Parameters					
Interface	LAN1	LAN2	WAN1	WAN2	UTWAN1
Metric					
Interface Type					
Router Priority					
Transit Delay					
Retransmit Interval					
Hello Interval					
Dead Interval					
Poll Interval					
MTU					
Password					

OSPF NMBA Neighbors

WAN1		
OSPF Neighbor	Neighbor Address	Neighbor Priority

WAN2		
OSPF Neighbor	Neighbor Address	Neighbor Priority

Static Routes

Interface	

Static Route	Destination Address	Destination Mask	Next Hop Router	Metric Value

IPX Routing

IPX Routing Summary	
Internal Network Number	

IPX Global Settings	
IPX Log Level	

RIP Global Settings	
RIP Log Level	

SAP Global Settings	
SAP Log Level	

IPX Packet Filters

IPX Filter Packet Summary Settings				
Interface	Network Number	Frame Type	Input Filter Action	Output Filter Action

Packet Input Filters									
Packet Input Filter	Source Network Number	Source Network Mask	Source Node	Source Socket	Destination Network Number	Destination Network Mask	Destination Node	Destination Socket	Packet Type

Packet Output Filters									
Packet Output Filter #	Source Network Number	Source Network Mask	Source Node	Source Socket	Destination Network Number	Destination Network Mask	Destination Node	Destination Socket	Packet Type

RIP Packet Filters

RIP Summary Settings	
Input Filter Action	Output Filter Action

RIP Parameters					
RIP State	Advertise Routes	Accept Route Advertisements	Update Mode	Update Interval	Aging Interval Multiplier

RIP Input Filters		
Input Filter	Network Number	Network Mask

RIP Output Filters		
Output Filter	Network Number	Network Mask

SAP Packet Filters

SAP Summary Settings	
Input Filter Action	Output Filter Action

SAP Parameters					
SAP State	Advertise Service	Accept Service Advertisements	Update Mode	Update Interval	Aging Interval Multiplier

SAP Input Filters		
Input Filter	Service Type	Service Name

SAP Output Filters		
Output Filter	Service Type	Service Name

IPX Static Routes

Static Routes for IPX									
Static Route	Net Number	Next Hop Mac Address	Ticks	Hops	Static Route	Net Number	Next Hop Mac Address	Ticks	Hops

Static Services for IPX						
Static Service	Type	Name	Network	Node	Socket	Hops

SNMP

SNMP Summary Settings	
Status	
Authentication Failure Traps	

SNMP Community		
Community List	Community Name	Access Permission

SNMP Community		
Community List	Community Name	Access Permission

SNMP

SNMP Manager

Manager List	Manager IP Address

SNMP Trap Community

Trap List	Community Name	Manager IP Address	Interface

Web Cache

Web Cache Attributes	
Server Address	
Cache Mode	
Cache Size	
Garbage Collection Interval (hours)	
Cache Maximum Life (hours)	
Maximum Server Threads	

Net Link Manager

Summary	
Status	

Primary WAN Connection	
Mode	

Primary WAN Connection Settings — Permanent	
Next Hop on Primary Link	
Up Poll Interval (seconds)	
Down Poll Interval (seconds)	
Switch Over Delay (seconds)	
Backup Dial-up Interface	

Primary WAN Connection Settings — Dialup	
Primary Dial-up Interface	

NTP Client Settings

NTP Client Settings	
NTP Server Address	
Maximum Time Adjustment (seconds)	
Exit After Setting Time Once	
Set Time Every (seconds)	
Minimum Time Adjustment (seconds)	
NTPClient Service Start Type	

NAT

Interface	
Status	

NAT Rule Order	
Default Rules	
Rule Order	

NAT Rule Settings						
Rule Name						
Direction						
Protocol						
Private IP Type						
Private IP						
Private Range Mask						
Private Port Range						
Public IP Type						
Public IP						
Public Range Mask						
Public Port Range						

NAT Rule Settings						
Rule Name						
Direction						
Protocol						
Private IP Type						
Private IP						
Private Range Mask						
Private Port Range						
Public IP Type						
Public IP						
Public Range Mask						
Public Port Range						

PPTP

PPTP Summary Settings	
Keep Alive Interval	
Echo Timeout	
Max Retransmissions	
Client IP Authentication	

PPTP Clients				
Client	Client IP Address		Client	Client IP Address

PPTP Tunnels		
Tunnel Name	Incoming Password	Port Name

PPTP Tunnel Configuration

Tunnel Name	

PPTP Tunnel Summary			
Interface		Interface Status	
IP Address		Connection Status	
Description			

PPTP Tunnel Link Parameters			
Remote PPTP Server-Primary		Connection type	
Remote PPTP Server-Second.		Idle timeout	
Connect retries		Data Compression	
Retry interval			

PPTP Tunnel Authentication Parameters			
Authentication Type		User ID	
Two Way Authentication		Password	
Data encryption			

PPTP Destination Networks

Entry	Destination Network	Subnet Mask	Preference Level	Entry	Destination Network	Subnet Mask	Preference Level

IPSec Tunnels

IPSec global settings				
Encryption	ESP-3DES-SHA1 ESP-3DES-MD5	ESP-DES56-SHA1 ESP-DES56-MD5	ESP-DES40-SHA1 ESP-DES40-MD5	AH-Authentication_Only(SHA1) AH-Authentication_Only(MD5)
Status				

Branch Office IPSec Tunnels			
Tunnel Number		Rekey Timeout	
IPSec Status		Rekey Data Count	
PFS Enabled		Local Endpoint	
Idle Timeout		Remote Endpoint	
Highest Encryption		Send all Traffic Through Tunnel	
Preshared Key Type			
Preshared Key		Create Firewall Rules	

Branch Office IPSec Tunnel - Local Accessible Networks					
Network Number (L#)	IP Address	IP Address Mask	Network Number (L#)	IP Address	IP Address Mask

Branch Office IPSec Tunnel - Remote Accessible Networks					
Network Number (R#)	IP Address	IP Address Mask	Network Number (R#)	IP Address	IP Address Mask

IPSec Tunnels

Branch Office IPSec Tunnels			
Tunnel Number		Rekey Timeout	
IPSec Status		Rekey Data Count	
PFS Enabled		Local Endpoint	
Idle Timeout		Remote Endpoint	
Highest Encryption		Send all Traffic Through Tunnel	
Key Type			
Preshared Key		Create Firewall Rules	

IPSec Local Accessible Networks - Branch Office IPSec Tunnels						
Network Number (L#)	IP Address	IP Address Mask		Network Number (L#)	IP Address	IP Address Mask

IPSec Remote Accessible Networks - Branch Office IPSec Tunnels						
Network Number (R#)	IP Address	IP Address Mask		Network Number (R#)	IP Address	IP Address Mask

IPSec Tunnels

IPSec Remote IP Address Pool - Remote User IPSec Tunnel			
Pool Number	Start Address	End Address	Subnet Mask

IPSec Tunnels

Remote User IPSec Tunnel					
User Number			Create Firewall Rules for Interface		
User Name					
Password			Idle Timeout		
IP Address Pool Name			Highest Encryption		
Static IP Address			Rekey Timeout		
Static Subnet Mask			Rekey Data Count		
IPSec Status			Split Tunneling Enabled		
PFS Enabled			Domain Name		

Remote User IPSec Tunnel - DNS/WINS					
Primary DNS			Primary WINS		
Secondary DNS			Secondary WINS		

Remote User IPSec Tunnel - Split Tunnel Networks						
Network Number (S#)	IP Address	IP Address Mask		Network Number (S#)	IP Address	IP Address Mask

Policy Management

QoS Summary parameters			
Status		Premium DS Code	
Premium Bandwidth (%)		Number of Phone Ports	
Video Class			

QoS Advanced parameters					
Adapter Name	High Water Mark	Low Water Mark	Adapter Name	High Water Mark	Low Water Mark
IP-LAN1			IP-WAN1		
IP-LAN2			IP-WAN2		
IP-DIALUP			IP-UTWAN1		

QoS Devices — Interface Groups			
Group Name	Role Combination	Group Name	Role Combination

Policy Management

QoS Rules — IP Filters

IP Filter						
Name						
Destination Address						
Destination Address Mask						
Source Address						
Source Address Mask						
DSCP						
Protocol						
Destination L4 Port						
Source L4 Port						
Permit						

IP Filter						
Name						
Destination Address						
Destination Address Mask						
Source Address						
Source Address Mask						
DSCP						
Protocol						
Destination L4 Port						
Source L4 Port						
Permit						

IP Filter						
Name						
Destination Address						
Destination Address Mask						
Source Address						
Source Address Mask						
DSCP						
Protocol						
Destination L4 Port						
Source L4 Port						
Permit						

Policy Management

QoS Rules — Filter Groups

Filter Group Name	Filter Order		Filter Group Name	Filter Order

Policy Management

QoS Actions

Action Name	Packet Drop	Update DSCP	Action Name	Packet Drop	Update DSCP

Policy Management

QoS Policies

Name	Filter	Interface Group	Order	Action

Common Open Policy Services (COPS)

COPS Client Servers					
Address	TCP Port	Priority	Address	TCP Port	Priority

COPS Client Server Retry Data	
Server Retry Count	
Server Retry Interval	

Policy Agent	
Dynamic Management	
Policy Agent Retry Timer	

Policy Server	
Longevity	

IP Firewall Filters

Interface					
Status					

Logging Settings					
Logging					
Logging Level					

Log Viewing Options					
Start Date					
End Date					

Default Rules					
Status					

Input Filter Rule Order (comma separated IR#)					
Rule Order					

Output Filter Rule Order (comma separated OR#)					
Rule Order					

Firewall Input Filters, Rule Setting

Interface					
Rule Name (IR#)					
Stateful					
Disposition					
Protocol					
Source IP Type					
Source IP					
Source Range Mask					
Source Port Range					
Non-Standard FTP Port					
Destination IP Type					
Destination IP					
Destination Range Mask					
Destination Port Range					
Non-Standard FTP Port					
Source Routing					
IP Options					
Quick					

Interface					
Rule Name (IR#)					
Stateful					
Disposition					
Protocol					
Source IP Type					
Source IP					
Source Range Mask					
Source Port Range					
Non-Standard FTP Port					
Destination IP Type					
Destination IP					
Destination Range Mask					
Destination Port Range					
Non-Standard FTP Port					
Source Routing					
IP Options					
Quick					

Firewall Output Filters, Rule Setting

Interface					
Rule Name (OR#)					
Stateful					
Disposition					
Protocol					
Source IP Type					
Source IP					
Source Range Mask					
Source Port Range					
Non-Standard FTP Port					
Destination IP Type					
Destination IP					
Destination Range Mask					
Destination Port Range					
Non-Standard FTP Port					
Source Routing					
IP Options					
Quick					

Interface					
Rule Name (IR#)					
Stateful					
Disposition					
Protocol					
Source IP Type					
Source IP					
Source Range Mask					
Source Port Range					
Non-Standard FTP Port					
Destination IP Type					
Destination IP					
Destination Range Mask					
Destination Port Range					
Non-Standard FTP Port					
Source Routing					
IP Options					
Quick					

IP Music

Summary	
Music Source	

Network Device	
IP Address	
Network Port	
Stream Type	
Frames Per Packet	

Advance Network	
RTP Port	