Sangoma NetBorder SBC 1U Appliance - Dual Redundant AC PSU - 1000 Sessions

Product Name: Sangoma NetBorder SBC 1U Appliance - Dual Redundant AC PSU - 1000 Sessions
Manufacturer: Sangoma
Model Number: SBCT-CAR-1000-DA1

Sangoma NetBorder Session Border Controller 1U Appliance - Dual Redundant AC PSU - 1000 Sessions
The Sangoma NetBorder Session Border Controller 1U Appliance - Dual Redundant AC PSU - 1000 Sessions provides full-featured, carrier-class security and interconnection at the edge of carrier networks. What is Session Border Control IP communications across multiple, sometimes untrusted, networks needs to be normalized, managed and secured. There is a need to guarantee interoperability of multiple devices, carriers and protocols in a transparent way to the user of the network.
Featuers of Sangoma NetBorder Session Border Controller 1U Appliance - Dual Redundant AC PSU - 1000 Sessions

ï¿½ 1000 Sessions
ï¿½ Browser-based GUI for Easy Configuration
ï¿½ Traffic Visualization Tools
ï¿½ Session-based Licensing
ï¿½ PSTN Equivalency for SIP Trunking Deployments
ï¿½ Protect VoIP Assets from Security Threats Posed by Migration to SIP Trunking
ï¿½ Available AC or DC Reduntant Power Supply
ï¿½ Raid One Solid State Drive
ï¿½ Hardware-based Transcoding and Media Handling

What is Session Border ControlIP communications across multiple, sometimes untrusted, networks needs to be normalized, managed and secured. There is a need to guarantee interoperability of multiple devices, carriers and protocols in a transparent way to the user of the network. Session border controllers take care of the conversion between protocols, transcoding, threat prevention, resource limiting, and accounting at the edge of VoIP networks of enterprises and carriers alike.
Applications

ï¿½ SIP Trunking
ï¿½ Carrier Interconnect
ï¿½ SIP Network Peering
ï¿½ Core Session Router and Load Balancer

Benefits

ï¿½ Network Security
ï¿½ Quality of Service/Quality of Experience
ï¿½ Connectivity
ï¿½ Protocol Normalization
ï¿½ Media Services
ï¿½ Statistics and Billing
ï¿½ Regulatory Compliance

Technical Specification
Feature/Function

ï¿½ HDD 2x 32GB SSD RAID

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ï¿½ Power 250W
ï¿½ Rack Mount Yes
ï¿½ Ethernet 4x GigE
ï¿½ Hardware-assisted RTP Yes
ï¿½ Session Capacity 4,000
ï¿½ Field Upgradeable (At No Penalty) Yes
ï¿½ Hardware-ready for Upgrade to Capacity Yes

VoIP

ï¿½ SIP Trunking and Remote Working
ï¿½ SIP Intrusion Prevention
ï¿½ SIP Registration Scan Attack Detection
ï¿½ SIP Request Rate Limiting
ï¿½ SIP Friendly Load Limitation
ï¿½ SIP Registration Pass-thru
ï¿½ SIP Header Normalization
ï¿½ SIP Malformed Packet Protection
ï¿½ Advanced NAT Traversal Capabilities
ï¿½ Topology Hiding
ï¿½ ENUM Routing

Media Capabilities

ï¿½ Voice, Video, FAX, IM and Presence Support
ï¿½ Full RTP Transcoding (G.711, G.722, G.729, G.726, G.723.1, iLBC, AMR, G.722.1)
ï¿½ T.38 Fax Relay

Session and Monitoring

ï¿½ Multiple Session Routing Options
ï¿½ RTCP Statistics Reports
ï¿½ QoS (ToS or DSCP)
ï¿½ RADIUS CDR and Authentication
ï¿½ QoS Monitoring and Reporting

Security

ï¿½ DDoS / DoS Attack Protection
ï¿½ Call Security with TLS/SRTP
ï¿½ Media Security with SRTP
ï¿½ IPSec Encryption
ï¿½ IP Firewall

Call Control

ï¿½ Advanced XML Routing Engine
ï¿½ Dynamic Load Balancing and Call Routing
ï¿½ Multiple Call Access Control Options
ï¿½ Least Cost Routing
ï¿½ Rate Limiting: Call and Registration
ï¿½ Endpoint Authentication
ï¿½ Media Bandwidth Policy

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ï¿½ Intelligent Media Anchoring/Release

Management

ï¿½ Easy to Use Web Interface
ï¿½ HTTP XML-based CDR
ï¿½ Real-time Monitoring and Debugging

Price: £22,275.10

Options available for Sangoma NetBorder SBC 1U Appliance - Dual Redundant AC PSU - 1000 Sessions :

Peace of Mind Packages

Platinum,   Silver,   Advanced Hardware Replacement,   Gold,   Not Required.