



Session Guide for Service Providers

Breakout Sessions

Session ID	Session Title
BRKAPP-1015	Web 2.0, AJAX, XML, Web Services for Network Engineers
BRKAPP-2002	Server Load Balancing Design
BRKAPP-2014	Deploying the ACE XML Gateway
BRKAPP-3003	Troubleshooting the Application Control Engine (ACE)
BRKBBA-2002	DWDM Transport for NGN Core Networks: New Levels of Efficiency and Flexibility for IP over DWDM and Other Services
BRKBBA-2003	Carrier Ethernet Aggregation Networks for Business and Residential Services
BRKBBA-2004	Managing and Provisioning of IP Next Generation Networks
BRKBBA-2006	Next Generation Architectures for Cable
BRKBBA-2007	Fiber to the Home access architectures
BRKBBA-2008	Multiservice Edge Architecture and solutions for Service Provider
BRKBBA-2009	IPTV Network architecture and design
BRKBBA-3001	Next generation Core Network Architectures and Enabling Technologies
BRKBBA-3005	Ethernet in Adolescence: Evolving Standards for Carrier Ethernet
BRKBBA-3010	Service Control architectures and solutions
BRKBBA-3011	SP Voice Technologies and Architectures, including Session Border Controllers
BRKIPM-2001	Deploying MPLS VPNs
BRKIPM-2002	Deploying MPLS Traffic Engineering
BRKIPM-2003	Inter-AS MPLS Solutions
BRKIPM-2004	Deploying IP Multicast
BRKIPM-2007	Scaling BGP
BRKIPM-2008	An Introduction to Performance Routing
BRKIPM-3006	Deploying OSPF in a Large-Scale Network
BRKIPM-3009	Advanced Topics and Future Directions in MPLS
BRKIPM-3010	Advances in IP Multicast
BRKIPM-3011	Service Provider IPv6 Deployment
BRKIPM-3012	IPv6 Routing Considerations
BRKIPM-3013	New Developments in OSPF
BRKIPM-3014	New Developments in BGP
BRKIPM-3015	New Developments in EIGRP
BRKIPM-3016	Routed Fast Convergence and High Availability
BRKIPM-3018	QoS Decomposed: The Components of the QoS Toolkit
BRKIPM-3019	Fast Convergence and IPFRR Features in ISIS
BRKMWI-2001	Metropolitan Outdoor Wireless
BRKMWI-2002	Connected Vehicles : IP in Motion
BRKMWI-2004	Bringing IP in the RAN
BRKMWI-3003	Next Generations Mobile Networks
BRKMWI-3005	Wimax Architectures
BRKMWI-3006	Carrier-Class IP Core Network for Mobile NGN
BRKMWI-3007	Next Generation Signalling and Applications



Breakout Sessions

Session ID	Session Title
BRKNMS-2001	Enforcing PCI Security Compliance with PACE
BRKNMS-2002	Data Centre - Congestion management and diagnostics (NAM, WAAS, BQM)
BRKNMS-2004	Planning for better networks
BRKNMS-2007	Designing Manageability in the Service Oriented Network
BRKNMS-2009	Next-Generation Network Management paradigms
BRKNMS-2010	Managing QoS
BRKNMS-2011	Effective Fault Management in a Converging World - A Guide To Best Practice
BRKNMS-3003	Getting the right events from Network Elements
BRKNMS-3005	Advanced DNS: The DNSSEC Standard
BRKNMS-3006	Advanced Netflow Deployment
BRKNMS-3008	Ethernet OAM Technical Overview
BRKSEC-2002	Emerging Threats
BRKSEC-2003	IPv6 Security Threats and Mitigations
BRKSEC-2004	IOS Security Deployment
BRKSEC-2007	Site to Site VPN with GET VPN
BRKSEC-2014	Service Provider and Large Network Core Infrastructures Protection Best Practices
BRKSEC-2015	Multicast security
BRKSEC-3006	Advanced Site to Site VPN with DMVPN
BRKSEC-3008	Advanced Site to Site VPN with GET VPN
BRKSEC-3016	Advances in MPLS Security
BRKUCT-2001	SIP Trunks for PSTN Access
BRKUCT-2010	Cause, Effect and Resolution of Common Voice Quality Issues
BRKUCT-2011	Deployment of Cisco TelePresence in the Enterprise
BRKUCT-2019	WEBEX

Birds of a Feather

Session ID	Session Title
BoF-01	IP Multicast
BoF-02	MPLS and VPNs
BoF-04	Can a SP Network become a Self-Defending Network?

Hands on Labs

Session ID	Session Title
LABAPP-2001	WAN Optimization and Application Acceleration with Wide Area Application Services (WAAS)
LABIPM-2001	IPv6 Hands-on Lab
LABIPM-2002	MPLS in the Enterprise
LABIPM-2003	MPLS Operation, Administration and Maintenance
LABNMS-2002	Cisco IOS IP Service Level Agreements Lab

Technology Panels

Session ID	Session Title
PAN-01	Next Generation Services - Challenges and Solution



Case Studies

Session ID	Session Title
CCS-1010	SCE in data Center
CCS-1024	Leveraging a Midsize range IP Centrex solution with the Cisco Unified Communication manager, bring high level services to SP.
CCS-2001	Early IPv6 deployment in a global network: was it worth it?
CCS-2002	IPv6 Deployment at SpaceNet
CCS-2003	Airline Flies High on Network Innovations
CCS-2005	Advanced Data Replication solution with Cisco SANTap and EMC RecoverPoint
CCS-2009	Metronet triple play
CCS-2013	CESNET2 - Advanced optical network based on Cisco ONS 15454 technology
CCS-2014	Bidirectional DWDM solution based on hybrid Cisco ONS 15454/15216 design
CCS-2015	Providing L2 VPN service: The renaissance of L2
CCS-2020	Telecom Italia Increases Network Efficiency with Cisco Service Control Engine
CCS-2021	Successful IP Telephony deployment on wired and wireless infrastructure in German Hospital
CCS-2022	Wireless LAN location based services as base for patient care visibility system
CCS-2023	Migration of classical PBX telephony to Cisco Unified Communications 6.0
CCS-2028	Cisco AON Healthcare Services Solutions
CCS-2029	Cisco / Nokia UC implementation at the City of Maastricht
CCS-2030	Mobile R4 migration
CCS-2031	MPLS Core Backbone for Mobile Next Generation Network (NGN)
CCS-2034	Cisco on Cisco As Its Own Case Study
CCS-2036	Core vs. Context: Achieving Operational Excellence with Cisco Services
CCS-2037	TelePresence
CCS-2038	IT Insights Session: Best Practices for IT Portfolio Management
CCS-2039	Assurance & Traffic Metrics: A Quantitative Approach to Persuading Customers to Migrate Traffic onto MPLS Networks
CCS-2040	Implementing Service Provider Network Operations Center for Managing and Operating a NGN CRS-1 based MPLS Network
CCS-2041	Implementing Cisco Managed Services Solution
CCS-3006	Large MPLS Deployments
CCS-3019	Integrated Fixed and Mobile Telecommunication Service

Techtorials

Session ID	Session Title
TECAPP-2001	Application Load Balancing, Acceleration and Security with the Application Control Engine (ACE)
TECBBA-2001	End-to-End IPTV Solution
TECBBA-2002	SP Managed Services
TECCIE-1001	CCIE Voice
TECIPM-2001	Enterprise IP Multicast
TECIPM-2002	MPLS Techtorial
TECNMS-2003	MPLS Networks operations life cycle
TECNMS-2004	Designing Manageability in the Service Oriented Network
TECNMS-3001	Managing your Cisco unified communications
TECNMS-3002	Ethernet OAM
TECSEC-2001	Protecting the Core: Detecting and Mitigating Attacks Using Your infrastructure
TEUCT-2003	Session Initiation Protocol Masterclass: Introduction to Advanced