

Session Guide for Service Providers

Breakout Sessions

Session ID	Session Title
BRKAPP-1004	Introduction to Cisco Wide Area Application Services (WAAS)
BRKAPP-1009	Introduction to Web Application Security
BRKAPP-1015	Introduction to Web 2.0, AJAX, XML, Web Services for Network Engineers
BRKAPP-1016	Introduction to Running Applications on the Branch Router
BRKAPP-1019	Introduction to Asymmetric HTTP application acceleration techniques - understanding load-balancer and browser-side optimizations
BRKAPP-2002	Server Load Balancing Design
BRKAPP-2005	Deploying Wide Area Application Services
BRKAPP-2011	Application and Data Delivery Performance in a Low Latency 10GE Environment
BRKAPP-2013	Running Applications on a Cisco Data Center Infrastructure
BRKAPP-2014	Deploying the ACE XML Gateway
BRKAPP-3003	Troubleshooting the Application Control Engine (ACE)
BRKAPP-3006	Troubleshooting Cisco Wide Area Application Services (WAAS)
BRKBBA-2011	WiMax Radio Update
BRKBBA-2016	Outdoor Wireless Mesh
BRKDCT-1870	Data Center Virtualization Overview/Concepts
BRKDCT-2001	Data Center Networks and Fibre Channel Over Ethernet:
BRKDCT-2003	Storage Area Network Extension Design and Operation
BRKDCT-2703	Implementing Data Center Network Services
BRKDCT-2840	Interconnecting Multiple Datacenter using Layer 2 solutions.
BRKDCT-2866	Data Center Architecture of the Future: from 10 Gigabit Ethernet to Layer 2 Multipathing
BRKDCT-2868	Network Integration of Server Virtualization with LAN & Storage
BRKDCT-3708	Advanced Storage Area Network Troubleshooting
BRKDCT-3831	Advanced Data Center Virtualization
BRKIPM-2000	Routing Proximity
BRKIPM-2001	Cisco IOS-XR Customer Experience
BRKIPM-2102	Deploying IP/MPLS VPNs
BRKIPM-2103	Migration Considerations when buying MPLS VPNs from Service Providers
BRKIPM-2104	Deploying MPLS Traffic Engineering

Session ID	Session Title
BRKIPM-2105	Inter-AS MPLS Solutions
BRKIPM-2261	Deploying IP Multicast
BRKIPM-2310	Deploying OSPF in a Large-Scale Network
BRKIPM-2321	Scaling BGP
BRKIPM-2362	Deploying Performance Routing
BRKIPM-3014	Advanced New Developments in BGP
BRKIPM-3018	Advanced QoS Decomposed
BRKIPM-3019	Advanced Fast Convergence and IP FRR is IS-IS
BRKIPM-3021	LISP - A next-generation networking Architecture
BRKIPM-3071	Advanced MPLS Designs
BRKIPM-3101	Advanced Topics and Future Directions in MPLS
BRKIPM-3261	Advances in IP Multicast
BRKIPM-3301	Advanced Which Routing Protocol? (IPv4 and IPv6)
BRKIPM-3363	Advanced Fast Routing Convergence
BRKIPM-3468	Advanced Cisco Catalyst Virtual Switching System (VSS)
BRKNMS-1340	Addressing the Payment Card Industry (PCI) standard version 1.2 with Cisco Network Management solutions
BRKNMS-2000	Using LMS to its full potential
BRKNMS-2002	What is needed to successfully operate your Cisco UC infrastructure from day one!
BRKNMS-2004	13 Smart Ways To Configure your Cisco IOS Network Elements
BRKNMS-2008	Network Configuration and Compliance Management
BRKNMS-3021	Advanced Cisco IOS Device Instrumentation
BRKNMS-3043	Advanced Performance Measurement for Critical IP Traffic with Cisco IOS IP Service Level Agreements
BRKNMS-3132	Advanced Netflow Deployment
BRKSEC-2105	Router Security Strategy: Security IP network Traffic planes
BRKSEC-2262	Securing a Multicast Network
BRKUCT-2000	Securing Enterprise Voice - Network and Applications
BRKUCT-2008	IBM integration with Cisco Unified Communications
BRKVID-1007	TelePresence as Managed Service and Intercompany/B2B Solution
BRKVID-2002	Video Quality of Experience for IPTV
BRKVID-2003	Internet TV
BRKVID-2005	Video Networking Architecture and the Connected Home

Session ID	Session Title
BRKVID-2102	IP Multicast and Multipoint Design for IPTV Services
BRKVID-3004	Advanced Video Transport over IP Networks
BRKVID-3006	Advanced Non-linear Video Headend
BRKSEC-3011	Advanced IPSec with GET VPN
BRKSEC-3014	Advanced Topics in Encryption Standards and Protocols
BRKBBA-2000	IP and Ethernet over DWDM
BRKBBA-2001	NGN DWDM transport advances in architecture and technologies and solution
BRKBBA-2002	IPNGN Carrier Ethernet: Overview, Architecture and Technology Variants
BRKBBA-2004	Evolving Standards for Carrier Ethernet
BRKBBA-2005	Next Generation Architectures for Cable
BRKBBA-2006	Fiber to the Home architecture and solutions
BRKBBA-2007	Evolution of SP Edge Architectures
BRKBBA-2008	Service Control architectures and solutions for wireline networks
BRKBBA-2009	Service Control architectures for Mobile Networks
BRKBBA-2010	NG Mobile Networks: architectural transformation and evolution toward IP
BRKBBA-2012	WiMax Architectures
BRKBBA-2013	Synchronisation : state of the art, standards options and solutions
BRKBBA-2014	Managed Services : Application Performance Management for IP-VPNs
BRKBBA-2015	NGN Service Interconnect and SIP trunking architectures and scenarios
BRKBBA-3003	Advanced IPNGN Carrier Ethernet- Deployment Models, Engineering and Operational Aspects
BRKIPM-3300	Advanced Service Provider IPv6 Deployment
BRKNMS-2001	Managing and Operating the Cisco IP NGN Network
BRKNMS-2005	Video Quality Monitoring and Troubleshooting in Service Provider IP Networks
BRKNMS-2006	Cisco IOS-XR XML Network Management

Birds of a Feather

Session ID	Session Title
BoF-01	What's New in the Security Front?
BoF-02	Business Video BoF
BoF-03	Getting Ready for 10GBASE-T and 40G interconnects
BoF-04	IP Multicast BoF
BoF-05	IPv6 BoF
BoF-06	Designs for the Branch-WAN Edge Advantage BoF
BoF-07	CCDE - Learn about CCDE and Meet the Program Designers

Session ID	Session Title
BoF-08	Deploying Video in Campus LAN

Case Studies

Session ID	Session Title
CCS-1003	Using Cisco Spectrum Expert to solve WLAN interference problem, Case Finlandia Hall
CCS-1004	Vodafone DSL Broadband ISP Solution Show Case, a Cisco AS E2E Solutions
CCS-1005	East German Service Provider HL Komm Leverages Cisco Netflow and Live Routing Analysis to Deliver Quality Converged Services
CCS-1007	Reducing Power Consumption in Cisco Test and Development Labs
CCS-1009	The connected employee - harnessing the power of collaboration, UC and Web2.0 in today's business environmet
CCS-1013	Cisco on Cisco: Inside Cisco IT
CCS-1014	Cisco on Cisco: Inside Unified Communications
CCS-1015	Cisco on Cisco: Inside TelePresence
CCS-1016	Cisco on Cisco: Inside Service Oriented Data Center
CCS-1017	Cisco on Cisco: Inside Green IT
CCS-1023	IP NGN R4
CCS-1029	Next Generation IP Network for Mobile Services - A Telefónica/o2 Case Study
CCS-1032	Telekom Srbija Public Telepresence

Hands on Labs

Session ID	Session Title
LABAPP-2001	WAN Optimisation and Application Acceleration with Cisco Wide Area Application Services
LABAPP-2002	Application Delivery over Secure WAN and Optimization: Technologies and Configuration
LABDCT-2001	Cisco Nexus 7000 Series Lab
LABDCT-2002	Cisco Nexus 5000 I/O Consolidation using Fibre Channel over Ethernet
LABIPM-2001	Enabling MPLS in Enterprise Networks
LABIPM-2002	Deploying IPv6
LABNMS-2001	MPLS OAM
LABNMS-2002	Deploying and Operating Performance Routing
LABNMS-2003	Designing and Implementing Manageability using Cisco IOS® Embedded Event Manager (EEM)
LABSEC-2001	Cisco IOS Security
LABSEC-2002	Deploying ASA SSL-VPN
LABSEC-2003	Deploying DMVPN

Technology Panels

Session ID	Session Title
Pan-01	Understanding Network Management Using the ITIL Methodology and Framework
Pan-02	Video surveillance and sensors applied to public safety & security
Pan-03	Evaluating and Enhancing Green Practices
Pan-05	Getting ready for the Next Generation of Networking: Medianets

Techtorials

Session ID	Session Title
TECAPP-2001	Application Load Balancing, Acceleration and Security
TECAPP-2002	WAAS and IOS Application Optimisation
TECBBA-2001	Optical Transport for Next Generation Networks
TECCIE-2002	CCIE Routing & Switching Labtorial
TECDCT-2001	A primer to emerging Data Centre networking concepts
TECIPM-2010	IPv6 Technology Update
TECIPM-2013	Deploying and Troubleshooting IP Multicast Networks
TECIPM-3012	MPLS in depth - The technology for Service-Provider and Enterprise New Generation Network
TECNMS-2002	Designing Managability
TECNMS-3001	Advanced Ethernet OAM
TECVID-2981	The Video Enabled Enterprise
TECCIE-2001	CCIE Service Provider Labtorial
TECSEC-2016	Securing an SP Infrastructure