Advanced Services – Multicast Community Forum

OVERVIEW

Cisco Advanced Services offers a comprehensive suite of engineering support services for Cisco networking solutions with the power and adaptability your network Demands, today and into the future.

The Multicast Community Forum has been created to provide a basis for continual information flow from Cisco Advanced services to our customers, and to allow knowledge sharing related to the planning, design, implementation and operation of Multicast within the Advanced Services customer base.

Multicast Community Forum Theme

The MCF in December will have discussion and information mainly related to Multicast management and Multicast Security. At the last forum, a number of people requested those topics.

AIM

- Provide a basis for continual information flow related to the Multicast technology
- Highlight differences between customer requirements and trends
- Drive commonality across our customer base
- Facilitate information flow between customers based on experience, issues and successes with Multicast across planning, design, implementation, operation, and optimization (PDIOO) cycle

OBJECTIVES

- Increase positive customer perception/experience of deploying/managing Multicast
- Wider adoption of Multicast
- Increased awareness of successes and issues
- Greater commonality of Multicast deployments across like requirements
- To create an environment of open knowledge sharing to mutual benefit

SCOPE - Initial

- Steering Committee operated and controlled.
- Focus on the Enterprise Financial customer base who have deployed Multicast or who are considering Multicast
- Numbers limited to facilitate quicker creation (can be expanded when up and running)
- Cisco only – updates from Sales, TME, Engineering, TAC (RP and CATS)
- Financial Service Providers and other Vendors - e.g. Reuters, Bloomberg, Tibco, Radianz

CUSTOMER INFORMATION SHARING

- Approach and Methodology
- Stability vs Engineering Time
- Issues – Key
- New Deployments – Application QA

FUTURE DISCUSSION AREAS

- PIM SM deployments
- SSM Deployments
- Bidirectional PIM
- IGMP Snooping
- Multicast Fan Out
- Multicast Security
- Testing Multicast Systems (independent)
- Market Data
  - Messaging
  - Multicast
- Cisco FTL Testing Methodologies
- Cisco TAC Escalation Engineer Update

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Meeting Location

Cisco Systems
One Penn Plaza
9th Floor , Yankee Stadium A & B Conference Room
New York, NY 10119

Time and Date

8:15 a.m. - Tuesday December 5, 2006.

<u>**AGENDA**</u>

Breakfast 8:15 a.m. – 8:45 a.m.

Welcome 8:45 a.m. – 9:00 a.m.

Opening and Welcome: John Finnamore (Cisco, Advanced Services)
Introductions
Background
Agenda

Session 1: 9:00 a.m. – 9:25 a.m.

<u>Cisco IOS Update</u>

Dima Khoury (Director of Engineering, NSSTG)

Session 2: 9:25 a.m. – 10:00 a.m.

<u>Multicast Network Management Overview</u>

Andy Kessler (Multicast Architecture)

Break 10:00 a.m. – 10:15 a.m.

Session 3: 10:15 a.m. – 10:55 a.m.

<u>Multicast Management using Netflow Tracker</u>

Netflow Tracker from Crannog Software (Mike McGrath)

Session 4: 10:55 a.m. – 11:35 a.m.

<u>Cisco Multicast Manager</u>

Multicast diagnostics with CMM (Paul Gilbert)

Session 5: 11:35 a.m. – 12:15 p.m.

<u>Group Encrypted Transport (GET) VPN</u>

Donovan Williams

Lunch 12:15 p.m. – 1:00 p.m.

Session 6: 1:00 p.m. – 1:35 p.m.

<u>Internet Protocol Interoperability Collaboration Systems</u>

IPICS (Keith O'Brien)

Session 7: 1:35 p.m. – 3:35 p.m.

<u>Round Table Discussion</u>

Multicast Management
Security for IP Multicast
(Customers should be prepared to discuss these topics)

Break 3:35 p.m. – 3:50 p.m.

Session 8: 3:50 p.m. – 4:10 p.m.

<u>PIX Firewall Multicast Case Study</u>

Native multicast support for PIX/FWSM (Peter Fyffe)

Session 9: 4:10 p.m. – 4:30 p.m.

<u>Virtual RP in an ECN Feed Architecture</u>

Reed Streifthau (Advanced Services)

Close - John Finnamore / Peter Fyffe(Cisco, Advanced Services)
Summary and Next Steps
Feedback
Survey