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**Mitchell Seaforth Cable TV (MSCTV) Connection Policy**

**1. Introduction** This document outlines the connection policy for participants of Mitchell Seaforth Cable TV to ensure a stable, secure, and efficient exchange of internet traffic. All members must adhere to the policies outlined below.

**2. Eligibility** Organizations must meet the following criteria to connect to the MSCTV:

* Must be a legally registered entity.
* Must operate an Autonomous System (AS) with a valid ASN.
* Must have valid public IP addresses assigned by a recognized RIR (Regional Internet Registry).
* Must comply with applicable laws and regulations.

**3. Technical Requirements**

* Participants must use only Ethernet-based connections.
* Only one MAC address per physical port is allowed.
* Peering sessions must be configured using BGP.
* Participants must ensure that their equipment does not send excessive broadcast, multicast, or unicast traffic.
* MTU settings should be configured according to MSCTV's specifications.
* IPv4 and IPv6 peering must follow the policies specified by MSCTV.

**4. Traffic Filtering & Security**

* Participants must not send traffic with spoofed source addresses.
* Bogon and Martian networks are strictly prohibited.
* Participants must not send unsolicited ARP, DHCP, or other disruptive network traffic.
* Blackholing may be supported in coordination with the MSCTV operator.

**5. Peering & Routing Policy**

* Participants must maintain an up-to-date routing policy in IRR databases.
* MSCTV reserves the right to disable peering sessions that cause instability.
* Participants must honor prefix limits and ROA validation where applicable.

**6. Operational Requirements**

* Participants must provide a 24/7 NOC contact for operational issues.
* Maintenance activities must be communicated to the MSCTV operator in advance.
* All connected devices must be configured with appropriate logging and monitoring.

**7. Compliance & Enforcement**

* Violations of this policy may result in a temporary or permanent disconnection from the MSCTV.
* The MSCTV operator reserves the right to modify this policy with prior notice.

**8. Contact Information** For technical support, policy inquiries, or operational issues, please contact:

* Email: oncall@msctv.ca
* Phone: 1-226-302-2342
* Website: www.msctv.ca