



# Release of the LACNOG-M3AAWG Joint Best Current Operational Practices (BCOP)

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# Official release on 08 May 2019

## **LACNOG and M3AAWG joint BCOP**

### **Minimum Security Requirements for Customer Premises Equipment (CPE) Acquisition.**

<https://www.lacnog.net/docs/lac-bcop-1>

<https://www.m3aawg.org/CPESecurityBP>

**Coming soon – Translation to:**

- Spanish and Portuguese
- Japanese and Korean (JP-AAWG)

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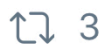
New joint LACNOG-#m3aawg best practices document includes a table of security requirements ISPs can use when purchasing CPE equipment: [m3aawg.org/CPESecurityBP](https://m3aawg.org/CPESecurityBP) or find it on our site under Best Practices.



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LACNOG and M3AAWG have published the joint Best Current Operational Practices (BCOP) on Minimum Security Requirements for Customer Premises Equipment (CPE) Acquisition.

The document is available at:[bit.ly/2PS7XqG](https://bit.ly/2PS7XqG)



# Why care about CPE Security?

## Business and operational impacts

- Compromising of the provider's network
  - Someone else is using your resources
- Degradation or unavailability of services
  - You can lose clients
- Technical support and repair work
  - You are losing money
- Protect the reputation of your ISP
  - Customers, partners and blacklists

# Problems the BCOP addresses

- Standard credentials for a large number of devices
- Credentials that cannot be changed (hard-coded)
- Use of obsolete and insecure protocols and algorithms
- Undocumented accesses (backdoors)
- Lack of automated and secure update mechanisms to address security issues
- Unnecessary and/or insecure services enabled by default
- Services that cannot be disabled
- Insecure remote management

# What is inside?

A reference checklist for hardware decisions

→ Let's ask vendors for better products while improving our networks! 😊

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