

Removing Cisco Config Commands

Alright, let's tackle this step by step for the `mac-address sticky` command on interface Gi1/0/7.

1. Understanding the Context: The `sticky mac-address` command on an interface is typically used when you want a MAC address to remain associated with that port even if the device disconnects and reconnects. Let's verify its current setting first:

```
show running-config interface gigabitethernet 1/0/7
```

This will show us the exact configuration for this port, including any sticky MAC settings.

2. Removal Process:

Here are two approaches depending on how it was configured:

Option A - If it's a direct setting:

```
interface GigabitEthernet1/0/7
no mac-address sticky
end
```

Option B - If there's a specific MAC address defined:

```
interface GigabitEthernet1/0/7
no mac-address sticky 00-XX-XX-XX-XX-XX
end
```

(Replace XX with the actual MAC address)

3. Verification Steps:

After removing it:

- Save the configuration (`copy running-config startup-config`)
- Verify the interface status (`show interfaces gigabitethernet 1/0/7`)
- Test connectivity to ensure nothing was impacted

Important Safety Notes:

- Always save a backup before making changes
- Document all modifications in your change log
- If there's uncertainty about the command, consider temporarily disabling it instead of removing it

Would you like me to explain any part of these steps in more detail?

claude 3.5 sonnet

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