



## What is the impact of changing switch auto-negotiation from auto to a fixed value?

[https://kb-stage.netapp.com/on-prem/Switches/Cisco-KBs/What\\_is\\_the\\_impact\\_of\\_changing\\_switch\\_a...](https://kb-stage.netapp.com/on-prem/Switches/Cisco-KBs/What_is_the_impact_of_changing_switch_a...)

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### Applies to

- ONTAP 9
- MetroCluster IP (MCCIP)
- Cisco Nexus N9K-C9336C-FX2

### Answer

Manually setting a fixed value does not have any impact.

## Additional Information

- The RCF indicates that the corresponding switch may have issues with auto-negotiation not functioning correctly.

In certain conditions, N9K-C9336C-FX2 may not be able to auto-negotiate port speed correctly, and port speed has to be manually set in config mode, e.g.

- [NVIDIA CX6, CX6-DX, or CX7 port not linking when connected to Cisco switch](#)
- [Cisco Bug: CSCwn49339](#)