ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Disassembling the Core Switch



Overview

I am really looking at lubing the very great hyperx aqua switches and fix rattle from all the stabilizers.

Key Takeaways

Disassembling a core switch involves careful preparation, safe removal of modules and power supplies, and structured cable and configuration management to minimize downtime.Preparation Before Disassembly

Before physically removing a core switch, document the current network configuration, including VLANs, SVIs, routing protocols, ACLs, and interface mappings. Verify which devices are connected, such as firewalls, servers, and edge switches, and plan the migration or disconnection sequence to avoid IP conflicts or service interruptions . Ensure you have spare cables, optics, and ports available to facilitate a smooth transition .

Power and Safety Considerations

For switches with redundant power supplies, you can remove a faulty supply while the system is operating, but always turn the power switch to the Off position and disconnect the power cord before handling the unit . Use caution around the backplane, as hazardous voltage may be present during operation . Only trained personnel should perform disassembly or module replacement .

Module and Component Removal

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

If the switch supports Online Insertion and Removal (OIR), modules can be removed while the system is online. Shut down the module before removal, remove it carefully, and check the module LEDs after extraction . Remove one module at a time to prevent configuration or traffic issues. For modules that are not identical replacements, configure them before bringing them online . Layer 2 MAC addresses are preserved unless the supervisor engine is replaced .

Cable and Interface Management

During disassembly, label and map all cables to ensure correct reconnection. For minimal downtime, consider moving connections VLAN by VLAN or interface by interface, shutting down the SVI on the old switch and bringing it up on the new switch sequentially . This approach prevents IP conflicts and allows testing of connectivity before full migration . If possible, use new cables for the replacement switch while leaving existing cables on the old switch as a fallback .

Physical Removal

Once modules, power supplies, and cables are safely disconnected, remove the chassis from the rack. Use appropriate tools such as a flat-blade or Phillips-head screwdriver for captive screws on power supplies or chassis brackets . Ensure the switch is supported during removal to prevent damage.

Post-Disassembly Checks

After removal, verify that all modules and components are accounted for and inspect for any damage. If replacing the switch, bring the new switch online, apply the preloaded configuration, and gradually migrate connections while monitoring network performance . Conduct thorough testing to confirm that all services are operational.

Best Practices
• Perform disassembly during a maintenance window to minimize impact on users .

• Maintain detailed documentation of all steps, ports, and configurations .

• Prepare a rollback plan in case of unexpected issues during migration .

• Test connectivity incrementally to avoid network outages . By following these steps, you can safely disassemble a core switch while minimizing downtime and ensuring a smooth transition to a replacement or upgraded system.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

Core switch replacement

What "core switch" are you replacing? Why are you replacing it? To what end? Is this a

Core switch replacement

I''m replacing core Cisco switch 4506-E with switch 4507R-E. As I have one supervisor card on 4506-E and I''m going to

server-core-switch-lab

This lab simulates a real-world enterprise network upgrade involving the replacement and configuration of core switches, port

Best way to replace a core swicth with minimal down time

As this is a replacement upgrade, both switches which are core switches will have the same IP addresses configured

Nintendo Switch Teardown & Disassembly

We tear-down the new Nintendo Switch console, including a look at the disassembly

Im looking to modify my alloy origins core, can I desolder and ...

I am really looking at lubing the very great hyperx aqua switches and fix rattle from all the stabilizers. I''d appreciate any video or

Core switch replacement

I used an Aggregation switch, not as a core, but as a stand-alone for iSCSI traffic. It was purchased as a temporary

CORSAIR k70 RGB CORE DISASSEMBLY & CLEANING

CORSAIR k70 RGB CORE KEYBOARD DISASSEMBLY & CLEANING VIDEO!

Safe Keyboard Keycap and Switch Removal Guide

Step-by-step guide to removing mechanical keyboard keycaps and switches safely, with hotswap and soldered tips,

Parts Removal and Replacement Videos

Lenovo parts removal and replacement videos contain step-by-step instructions for removing and replacing parts in Lenovo PC

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

How to take apart a nintendo switch?

Conclusion Taking apart a Nintendo Switch requires patience, attention to detail, and the right tools. By following this

How to remove switches from your mechanical keyboard

How to remove switches from your mechanical keyboard #mechanicalkeyboard

Anyone know how to completely disassemble the dark core mouse?

TLDR it''s the only mouse i have found to perfectly fit my hand but the switches and especially the scroll wheel are horrible to me.

FS Community

We would like to show you a description here but the site won''t allow us.

How to Disassemble Nintendo Switch: A Complete Guide with

Learn how to disassemble a Nintendo Switch safely with step-by-step guidance, essential tools, and tips for replacing worn slide rails

We would like to show you a description here but the site won''t allow us.

ALLOY ORIGINS TKL KEYBOARD DISASSEMBLY GUIDE :

It''s a very tedious process, and it''s also worth mentioning that doing so will void the 2-year manufacturer''s warranty :) . my keyboard

Nintendo Switch Teardown

Nintendo Switch Repairability Score: 4 out of 10 (10 is the easiest to repair) The digitizer is independently replaceable, lowering the

Nintendo Switch Unboxing, Teardown & Reassembly

We finally received our Nintendo Switch...so of course the first thing we do is tear it down!

Nintendo Switch OLED Repair Help: Learn How to Fix It Yourself.

Repair and disassembly guides for the Nintendo Switch OLED Model, announced and released in 2021.

Uncover the Secrets of Disassembling the HyperX Alloy Origins Core

Whether you''re dealing with a stuck key, faulty switch, or simply want to replace the keycaps, understanding the

Nintendo Switch Motherboard Replacement

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Follow this guide to replace a faulty motherboard in the Nintendo Switch game console. The Switch uses JIS screws. A JIS 00 driver

server-core-switch-lab

□□ Server/Core Switch Replacement Lab This lab simulates a real-world enterprise network upgrade involving the replacement and

Reddit

We would like to show you a description here but the site won''t allow us.

Uncover the Secrets of Disassembling the HyperX Alloy Origins Core

Whether you''re dealing with a stuck key, faulty switch, or simply want to replace the keycaps, understanding the

Nintendo Switch Motherboard Replacement

Follow this guide to replace a faulty motherboard in the Nintendo Switch game console. The Switch uses JIS screws. A JIS 00 driver

server-core-switch-lab

□□ Server/Core Switch Replacement Lab This lab simulates a real-world enterprise network upgrade involving the replacement and

Reddit

We would like to show you a description here but the site won''t allow us.

How to Take Apart a Mechanical Keyboard Switch

Taking apart switches from a keyboard can be complicated at first. In this guide, we will explain various methods of how to open your

Nintendo Switch 2 Repair Help: Learn How to Fix It Yourself.

Repair guides, disassembly, and troubleshooting information for the Nintendo Switch 2, the successor to the original (2017-2021)

Small/medium network, replacing core switch what do I test?

Hi all We have a small/medium network and we are replacing our core switches. Management have decided to get some Dell

this is how you take apart a keyboard EZ

Thanks to Createkeebs for sponsoring this video!Check out the Luminkey75 here:

Nintendo Switch Lite Teardown

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

In case you haven''t heard, there''s a new Switch on the block: it''s the Nintendo Switch Lite, and it comes with less in

HyperX Alloy Origins Repair Help: Learn How to Fix It Yourself.

A compact, durable keyboard designed with custom HyperX switches to give gamers the best combination of performance, reliability,

Switch Core Modchip – The Simplest Install for V2

The simplest guide to Modding with the "Core" Modchip Kit for a V2 Switch! This kit plugs directly into the NAND, so

CORSAIR k70 RGB CORE DISASSEMBLY & CLEANING

CORSAIR k70 RGB CORE KEYBOARD DISASSEMBLY & CLEANING VIDEO!

What is this weird switch? :: Undertale General Discussions

You can disable the forcefield in the CORE by either solving the puzzle (Sage''s Path) or battling monsters and flipping

How to open a Nintendo Switch for repair

Disassembling the Nintendo Switch. A step-by-step guide with photos of how to disassemble the Nintendo Switch to

How to take apart a nintendo switch?

Conclusion Taking apart a Nintendo Switch requires patience, attention to detail, and the right tools. By following this

How to remove switches from your mechanical keyboard

How to remove switches from your mechanical keyboard #mechanicalkeyboard

Anyone know how to completely disassemble the dark core mouse?

TLDR it''s the only mouse i have found to perfectly fit my hand but the switches and especially the scroll wheel are horrible to me.

FS Community

We would like to show you a description here but the site won''t allow us.

How to Disassemble Nintendo Switch: A Complete Guide with

Learn how to disassemble a Nintendo Switch safely with step-by-step guidance, essential tools, and tips for replacing worn slide rails

We would like to show you a description here but the site won''t allow us.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

ALLOY ORIGINS TKL KEYBOARD DISASSEMBLY GUIDE :

It''s a very tedious process, and it''s also worth mentioning that doing so will void the 2-year manufacturer''s warranty :) . my keyboard

Nintendo Switch Teardown

Nintendo Switch Repairability Score: 4 out of 10 (10 is the easiest to repair) The digitizer is independently replaceable, lowering the

Nintendo Switch Unboxing, Teardown & Reassembly

We finally received our Nintendo Switch...so of course the first thing we do is tear it down!

Nintendo Switch OLED Repair Help: Learn How to Fix It Yourself.

Repair and disassembly guides for the Nintendo Switch OLED Model, announced and released in 2021.

Uncover the Secrets of Disassembling the HyperX Alloy Origins Core

Whether you''re dealing with a stuck key, faulty switch, or simply want to replace the keycaps, understanding the

Nintendo Switch Motherboard Replacement

Follow this guide to replace a faulty motherboard in the Nintendo Switch game console. The Switch uses JIS screws. A JIS 00 driver

server-core-switch-lab

□□ Server/Core Switch Replacement Lab This lab simulates a real-world enterprise network upgrade involving the replacement and

Reddit

We would like to show you a description here but the site won''t allow us.

Core switch replacement

What "core switch" are you replacing? Why are you replacing it? To what end? Is this a

Core switch replacement

I''m replacing core Cisco switch 4506-E with switch 4507R-E. As I have one supervisor card on 4506-E and I''m going to

server-core-switch-lab

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

This lab simulates a real-world enterprise network upgrade involving the replacement and configuration of core switches, port

Best way to replace a core swicth with minimal down time

As this is a replacement upgrade, both switches which are core switches will have the same IP addresses configured

Nintendo Switch Teardown & Disassembly

We tear-down the new Nintendo Switch console, including a look at the disassembly

Im looking to modify my alloy origins core, can I desolder and ...

I am really looking at lubing the very great hyperx aqua switches and fix rattle from all the stabilizers. I''d appreciate any video or

Core switch replacement

I used an Aggregation switch, not as a core, but as a stand-alone for iSCSI traffic. It was purchased as a temporary

CORSAIR k70 RGB CORE DISASSEMBLY & CLEANING

CORSAIR k70 RGB CORE KEYBOARD DISASSEMBLY & CLEANING VIDEO!

Safe Keyboard Keycap and Switch Removal Guide

Step-by-step guide to removing mechanical keyboard keycaps and switches safely, with hotswap and soldered tips,

Parts Removal and Replacement Videos

Lenovo parts removal and replacement videos contain step-by-step instructions for removing and replacing parts in Lenovo PC

Core switch replacement

What "core switch" are you replacing? Why are you replacing it? To what end? Is this a

Core switch replacement

I''m replacing core Cisco switch 4506-E with switch 4507R-E. As I have one supervisor card on 4506-E and I''m going to

server-core-switch-lab

This lab simulates a real-world enterprise network upgrade involving the replacement and configuration of core switches, port

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Best way to replace a core swicth with minimal down time

As this is a replacement upgrade, both switches which are core switches will have the same IP addresses configured

Nintendo Switch Teardown & Disassembly

We tear-down the new Nintendo Switch console, including a look at the disassembly

Im looking to modify my alloy origins core, can I desolder and ...

I am really looking at lubing the very great hyperx aqua switches and fix rattle from all the stabilizers. I''d appreciate any video or

Core switch replacement

I used an Aggregation switch, not as a core, but as a stand-alone for iSCSI traffic. It was purchased as a temporary

CORSAIR k70 RGB CORE DISASSEMBLY & CLEANING

CORSAIR k70 RGB CORE KEYBOARD DISASSEMBLY & CLEANING VIDEO!

Safe Keyboard Keycap and Switch Removal Guide

Step-by-step guide to removing mechanical keyboard keycaps and switches safely, with hotswap and soldered tips,

Parts Removal and Replacement Videos

Lenovo parts removal and replacement videos contain step-by-step instructions for removing and replacing parts in Lenovo PC

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved