# Huawei Converged Layer 3 Core Switch



## Overview

3Com introduced a new high-performance, Layer 3 LAN core switch based on technology from Huawei. The new 3Com Switch 7700 is designed for campus core applications and supports the convergence of voice, video and data with QoS, bandwidth management and high-density Gigabit and Fast. This document describes the configuration of Ethernet services, including configuring link aggregation, VLANs, Voice VLAN, VLAN mapping, QinQ, GVRP, MAC table, STP/RSTP/MSTP, SEP, and so on. Positioned perfectly as an Aggregation Switch or Core Switch, the S6730-H delivers scalability, security, and cost-effectiveness for modern digital. The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to provide high-performance access and aggregation to an enterprise campus network.

## Article Content

Layer 3 Switching

In a summary, a Layer 3 switch provides high-speed Layer 3 switching through one routing process (forwarding the first packet to the CPU and creating a hardware Layer 3 forwarding entry) and

Huawei S6730 Switch – 10GE Aggregation & Core

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Huawei S3700 Series Switches Product Datasheet

The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to

Huawei Layer 3 Switch: Routing Revolution? Your Network

The Huawei Layer 3 Switch isn''t an upgrade—it''s a fundamental rewrite of network logic. By collapsing routing into the switch layer, it vaporizes bottlenecks, fortifies ...

3Com Introduces New Layer 3 LAN core switch from Huawei

3Com introduced a new high-performance, Layer 3 LAN core switch based on technology from Huawei. The new 3Com Switch 7700 is designed for campus core applications and supports the

Huawei Quidway S5352C-EI

The **Huawei Quidway S5352C-EI**, also known by its part number **LS-S5352C-EI**, is a high-performance **Layer 3 Ethernet switch** designed to meet the demands of enterprise network

Huawei S5700

The S5700-LI is a next-generation energy-saving gigabit Ethernet switch that provides flexible GE access ports and 10GE uplink ports.

S5730-SI Series Standard Gigabit Ethernet Switches

The S5730-SI series switches are next-generation standard gigabit Layer 3 Ethernet switches that provide flexible all-gigabit access and cost-effective fixed GE/10GE ports as well as 40GE uplink ports.

Switches-H3C

It can provide users with full-scenario product capabilities including core, convergence and access. Core/Convergence provides multi-service capabilities such as security, wireless, SDN, PON, and

S3700 Series Enterprise Switches

The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to

CloudEngine Series Data Center Switches

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Huawei CloudEngine (CE) series switches are high-performance cloud switches designed for next-generation data centers and high-end campus networks. The series includes Huawei''s flagship

S7700 Series Switches

Huawei S7700 series switches are smart routing switches with unified user management for campus networks. They support SDN and intelligent O&M.

Layer 3 Switching

Layer 3 Switching Background of Layer 3 Switches In early stage of network deployment, most local area networks (LANs) were established using Layer 2 switches, and routers completed

Native AC Solution: Core Switches Function as the Gateway for Wired

Native AC Solution: Core Switches Function as the Gateway for Wired and Wireless Users (Three-Layer Network Architecture) Networking Requirements Core switches set up a CSS that functions as the

Huawei S6320-HI Series Switches Product Brochure

Huawei S6320-HI Series Switches Product Brochure Huawei S6320-HI series switches are the first-of-their-kind fixed agile switches with 10GE downlink and 40GE/100GE uplink ports. They are ideal for

Huawei S9300E Switch Product Brochures

Product Overview Huawei S9300E series (S9300E for short) terabit routing switches are next-generation high-end smart switches tailored for multiservice networks. The S9300E uses Huawei''s intelligent

Huawei Core Switch: Network''s Beating Heart? Can Centralized

Every enterprise network has a silent dictator—the Huawei core switch. Buried in server rooms or data centers, this unassuming device governs traffic flow between departments, cloud platforms, and

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Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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