

# Huawei Layer 3 Access Switch

## REINFORCED VIRGIN PVC TRUNKING

Superior Crush Resistance



**37.6MPA**  
Tensile Strength



**2856MPA**  
Elastic Modulus



**9.8KJ/M<sup>2</sup>**  
Impact Strength



**1.54G/CM**  
Density





## Huawei Layer 3 Access Switch

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### Example for Configuring a Layer 3 Switch to Work with a Router for

Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access layer or aggregation layer as user gateways. This example uses router configurations of AR3600 V200R007C00SPC00.

### Campus Switches

Huawei S Series Switches fully accommodate metro core, aggregation, edge aggregation, and access networking requirements, and are capable of building an



### Advancing Industrial All Intelligence

Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise customers worldwide.

### VLAN Routing with Layer 3 Switch on Huawei ? IpCisco

VLAN Routing with Huawei Layer 3 Switches. Here we will focus How to Configure VLAN Routing on Huawei devices with a configuration example.



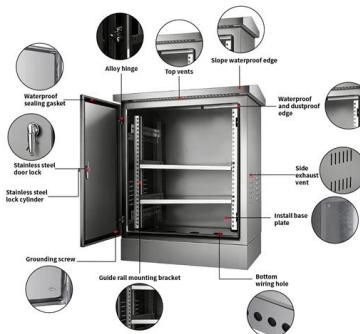
### Huawei Layer 3 Switch: Routing Revolution? Your Network

The Huawei Layer 3 Switch enforces micro-segmentation using access control lists (ACLs) . Think concrete barriers between network neighborhoods. An infected billing PC gets contained instantly;



### Access port config (Huawei)

How to set access port config on Huawei switch? An access port belongs to and carries the traffic of only one VLAN within 2-layer switch. Traffic is both



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### Example for Switching an Interface to Layer 3 Mode

S300, S500, S2700, S5700, and S6700  
V200R022C00 Configuration Guide - Interface  
Management Example for Switching an Interface  
to Layer 3 Mode Networking Requirements In



### Huawei CloudEngine S5735-L12T4S-A 12-Port Gigabit Layer 3

Compact Layer 3 managed switch with 32 Gbps /  
336 Gbps switching capacity, 24 Mpps  
forwarding rate, VLAN security, USB port, and  
enterprise management.

### Network Switches , Huawei Enterprise

Huawei campus switches are ideal for building  
future-proof campus networks with simplified  
management, high reliability, and service  
intelligence, across industries



### Example for Switching an Interface to Layer 3 Mode

To enable SwitchA and SwitchB to communicate  
with each other and provide high link bandwidth,  
Layer 3 Eth-Trunk interfaces need to be used  
between SwitchA and SwitchB. In addition,

### Huawei Layer 3 Switch: Routing



## Revolution? Your Network

Enter the Huawei Layer 3 Switch: it doesn't just connect devices; it understands destinations. By blending switching speed with true routing intelligence, it collapses



### Example for Configuring a Layer 3 Switch to Work with a Router for

Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access layer or aggregation layer as user gateways. Switch configurations used in this example apply to all versions

## 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



### How to Configure Huawei Layer 3 Switch with AR Router for Internet

In enterprise campus networks, a common design is to use a Huawei Layer 3 campus switch as S5730 series, while an upstream router provides Internet access. This article provides a

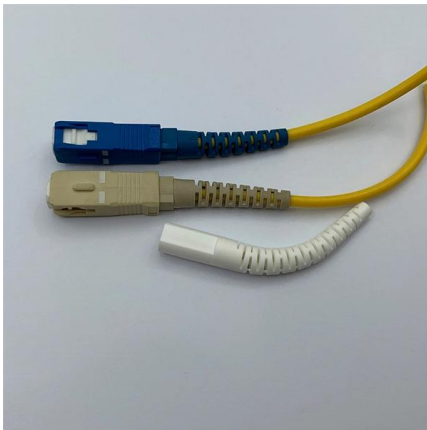


## Huawei CloudEngine S5735-S24T4X 24-Port



## Gigabit Layer 3 Managed Switch

Layer 3 managed switch with 24 Gigabit ports, 4 x 10G SFP+ uplinks, VLAN segmentation, ACL security, dual power redundancy, and iStack stacking.



## Example for Switching an Interface to Layer 3 Mode

Example for Switching an Interface to Layer 3 Mode Networking Requirements As shown in Figure 3-15, PC1, PC2, PC3, and PC4 are on four network segments, and SwitchB, SwitchC,

## VLAN Routing with Layer 3 Switch on Huawei

In our VLAN Routing Huawei Configuration Example, firstly we will configure, each interfaces of the L3 Switch. We will set these interfaces as access and we will give their default VLAN.



## Switches

Switches After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. With multiple



## Example for Configuring a Layer 3 Switch to Work with a Router for

Layer 3 Switch Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI model. Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access



### 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

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### CloudEngine S5731-S Series Switches , Huawei Enterprise

The CloudEngine S5731-S series offers a range of standard gigabit access switches, with all-GE electrical/optical ports and fixed 10 GE uplink ports. Built on Huawei's



### Network Switches , Huawei Enterprise

Huawei Ethernet Switches Turbocharge your enterprise network with high-performance, high-availability for resilient services and simplified management.



### Newsroom

Huawei's official news feed, bringing you real first-hand information

### Netzwerk-Switches von Huawei

Switches von Huawei werden in Bereichen wie Finanzen, Internet, Einzelhandel, Bildung, Produktion und Behörden eingesetzt. Mit den Lösungen, die in Gartner's



### Deploying an S Series Switch as a Layer 3 Switch on a LAN

Layer 3 Network Configurations Provides guidance for configuring protocols such as routing, multicast, and VRRP.

### 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 S3700 Series Switches Product Datasheet

Product Overview 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



## Huawei ensp-vlan routing-Layer 3 switching

VLAN routing can be implemented through a Layer 2 switch and a router, or through a Layer 3 switch. Limitations of VLAN: VLAN isolates the Layer 2 broadcast domain and strictly isolates any Layer 2



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