Partner eFLASH
Contractual Information for Partners

20/08/2015

Phase-in | OmniSwitch 6900-X72 and AOS 7.3.4 R02

The main driver for LAN revenue in 2015 is the adaption of 10 and 40 Gigabit Ethernet. To offer attractive network solutions, our product line keeps expanding. This time we are introducing the new OmniSwitch® 6900 X72 40/10 Gigabit Ethernet switch, which fits the latest development in data center virtualization with virtual extensible LAN (VXLAN) technology. It can be used together with existing OmniSwitch models to form a virtual chassis for use as a 10 Gigabit Ethernet core for converged campus networks, or positioned as top-of-rack for pod and mesh designs in the data center.

A new software release, Alcatel-Lucent Operating System (AOS) 7.3.4.R02, is also made available with the switch. This software version also supports the existing OmniSwitch 6900Q, 6900T, 6900X and 10K. It embeds the Intelligent Fabric functionality that allows the automatic setup of virtual chassis and networks, reduces the time for a network to become operational, and eliminates common switch configuration errors.

Product and service evolutions

The new OmniSwitch 6900 switch, named OS6900-X72, has 48 fixed SFP+ ports and 6 fixed QSFP ports in the front panel. The ports can be fiber or copper, and operate at 1 GigE, 10 GigE, 40 GigE or 4x1/10 GigE using splitter cables. The maximum 10G port density is 72 ports. OS6900-X72 supports the VXLAN virtual tunnel end point (VTEP) hardware gateway.

The new AOS 7.3.4.R02 operating system supports all OS6900 models (Q32/X72/X20/X40/T20/T40) and OS10K. The common features across all supported switches are VXLAN snooping, OpenFlow™, and embedded Python® and Intelligent Fabric functions. The new operating system brings additional improvements to IPv4 and IPv6 routing and multicast, IEEE 802.1X and dynamic host configuration protocol (DHCP) server and DHCP snooping.

Professional Services

Alcatel-Lucent Enterprise solutions provide a complete range of services to ensure a successful and optimal integration of network technologies in your customers' infrastructure and business.
The available professional services include:

- Plan & Design — network consulting, low-level design, design validation
- Integrate & Deploy — network deployment assistance, optimized upgrade LAN, project management
- Resident Engineer
- Assess & Migrate — network configuration audit, health check LAN, network and solution migration

For all requests related to professional services, send an e-mail to professional.services@alcatel-lucent.com.

Support Services

End Customer Support Services Worldwide (OMNI SUPPORT)
The SUPPORT Software, SUPPORT Plus, and SUPPORT Total programs are available for the OS6900-X72 model. For more information on the options, regional availability and pricing, see the Enterprise Solutions Division Network Infrastructure Worldwide Price List. SUPPORT Total is only available in the North American region.

Partner Support Services for EMEA/APAC/CALA VAD/DR
The OS6900-X72 model is covered under a Support Service Pack. For more information on the support offer, see the _Support Services Network Essentials_Ed03_EN_Oct2014_ document.

Commercial structure and pricing evolutions

The following model numbers are added to the Worldwide Price List:

Model No	Model Description	Sales Category	Service Category
OS6900-X72-F	OS6900-X72: 10Gigabit/40Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 1/10G SFP+ ports and 6 40G QSFP+ ports. QSFP+ ports operate as single 40GE port or Quad-10GE. Console and Ethernet management ports are RJ45. Front to Rear cooling. The chassis includes a 450W AC power supply. A second power supply slot is supported for redundancy. Redundant power supply shall be ordered separately. The bundle ships with user manuals access card and rack mounts.	C	3
OS6900-X72-R	OS6900-X72: 10Gigabit/40Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 1/10G SFP+ ports and 6 40G QSFP+ ports. QSFP+ ports operate as single 40GE port or Quad-10GE. Console and Ethernet management ports are RJ45. Rear to Front cooling. The chassis includes a 450W AC power supply. A second power supply slot is supported for redundancy. Redundant power supply shall be ordered separately. The bundle ships with user manuals access card and rack mounts.	C	3
OS6900-X72D-F	OS6900-X72: 10Gigabit/40Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 1/10G SFP+ ports and 6 40G QSFP+ ports. QSFP+ ports operate as single 40GE port or Quad-10GE. Console and Ethernet management ports are RJ45. Front to Rear cooling. The chassis includes a modular DC power supply. A second power supply slot is supported for redundancy. Redundant power supply shall be ordered separately. The bundle ships with user manuals access card and rack mounts.	C	3

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		C	3
OS6900-X72D-R	OS6900-X72: 10Gigabit/40Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 48 1/10G SFP+ ports and 6 40G QSFP+ ports. QSFP+ ports operate as single 40GE port or Quad-10GE. Console and Ethernet management ports are RJ45. Rear to Front cooling. The chassis includes a modular DC power supply. A second power supply slot is supported for redundancy. Redundant power supply shall be ordered separately. The bundle ships with user manuals access card and rack mounts.		

Conditions to access to this offer

OmniSwitch 6900 is on the IP Networking price list. The portfolio is available for all Partners with a valid contract.
The Partner also must have the LAN Network specialization. If OmniSwitch 6900 is deployed in a data center, the Data Center Networks specialization is required.

Training

Do not miss the specific training curriculum set for Data Center Infrastructure:
- For new learners in Data Center: **Infrastructure, Configuration & Management** (Ref. DT00RTE140)
  Learn how to implement and support the new services provided by the AOS Release 7, for Data Centers Infrastructures.
- For experienced learners: **Data Centers Update R7 IP-SPB/VC6/FC/FCoE** (Ref. DT00RTE148)

Attending these courses, you benefit from an innovative remote lab topology at your disposal with real DC environment comprised of SAN storage network with a NetApp device and FC switch, DC servers with CNA/HBA adapters, and the OV-VMM application.
Get your expertise on Data Center validated with the ACSE online certification exams (DT00TC2W15 or DT00TC2U20 to renew your certification).

New courses for Intelligent Fabric (IF):
Intelligent Fabric allows for simpler design and deployment. This enables partners to reduce their project costs. Discover the new free on-line courses (available from the end of April) to learn about this simplified method to design, deploy and maintain network infrastructure with our LAN switches!

For PRE-SALES:
- **Designing Intelligent Fabric (Ref: DT00WPS142 – individual-learning)**
  Learn a simplified method to design a network infrastructure with IF.

For POST-SALES
- **Deploying Intelligent Fabric (Ref: DT00WTE143 – individual-learning)**
  Learn an effective way to deploy a network infrastructure with IF.

- **Maintaining Intelligent Fabric (Ref: DT00WTE144 – individual-learning)**
  Learn an efficient process to maintain a network infrastructure with IF.

  For your convenience, this eFlash will be available in French, German and Spanish on the Business Portal a few days after the publication in English.

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