Q1: What are the advantages of the Arista 7100 Series of Datacenter switches?

A1: The Arista 7100 Series has many unique benefits including:

    1) Highest 10GbE port density in a 1RU form factor – 48-ports

    2) Extensible operating system customizable to customer needs

    3) Front-to-rear and reversible airflow options for flexible mounting

    4) Redundant hot-swappable power and cooling

    5) All ports support GbE and 10GbE SFPs optics and copper cables

Q2: What are the benefits of Arista EOS?

A2: Arista EOS has many unique benefits including:

    1) Software fault containment through fine-grained modularity

    2) Health monitoring and automatic self healing

    3) In-service software upgrades (ISSU)

    4) Third party and customer extensibility

    5) Support of virtualized environments

Q3: Can all Arista 7100 Series ports can be used for 10GbE or GbE?

A3: Yes. All ports can be used for either 10GbE or GbE in any combination.

Q4: What are the differences between the Arista 7148S and 7148SX switches?

A4: The Arista 7148S is optimized for top-of-rack applications with up to 800 Gbps throughput.
The Arista 7148SX is optimized for non-blocking applications with up to 960 Gbps throughput.

Q5: Can the 1000Base-T SFP auto-negotiate to 10/100 Mbps?

A5: The Arista 7100 supports 1000 Mbps with the 1000Base-T SFP but cannot auto-negotiate to 10/100 speeds.

Q6: Given that the Arista 7100 Series ships with two AC power supplies standard, does this imply that you require two to run the switch?

A6: Only one power supply is required to run the switch. The second power supply ships standard for 1+1 redundant capability.

Q7: What power cords ship with the Arista 7100 Series?

A7: The Arista 7100 Series switches ship standard with two C13-C14 cords (2m). If other country specific power cords are required, they must be purchased separately. Please check the Arista price list for availability.

Q8: Will the Arista 7100 Series have a DC power supply version?

A8: A DC power supply option is in development. Please check with Arista for availability.

Q9: Are the fans for front-to-rear and rear-to-front airflow the same?

A9: No. They are different fans with different model numbers.

Q10: Can I replace my front-to-rear airflow fans with rear-to-front airflow fans in the field?

A10: Yes. However, you cannot mix front-to-rear and rear-to-front airflow fans in the same switch.

Q11: Does Arista define the "front" of the switch as the side with the ports?

A11: Yes. The "front" of the Arista 7100 Series is the side with the ports. Due to flexible airflow options, the "front" of the Arista 7100 Series can face either the hot or cold aisle of a server rack.

Q12: What is the minimum number of fans that must be used in either 7100 Series model for operation?

A12: The Arista 7100 Series has five independent fans. Four is the minimum number of fans required for operation.

Q13: Can I upgrade the full software image on the Arista 7100 Series using ISSU without taking down the switch?

A13: The Arista 7100 Series supports sub-system ISSU, meaning you can upgrade any of the modules without packet loss but not the entire image at one time.

Q14: Will the Arista 7100 Series be software upgradable to support OSPF and BGP?

A14: Yes. OSPF was supported as of EOS release 4.3 and BGP was supported as of EOS release 4.4 .

Q15: What can I use the USB port for?

A15: The USB port supports a standard USB flash device and can be used for booting, storing or transporting the boot images and config files.

Q16: What CLI does the 7100 Series use?

A16: Industry familiar standard CLI

Q17: Are the SFP+ optics compatible with the equivalent type of XENPAK, XFP or X2 on the same link?

A17: Yes. SFP+ is optically compatible with equivalent types of standards based 10GbE pluggables.

Q18: Can 10GBASE-SRL optics inter-operate with 10GBASE-SR optics on the same link?

A18: Yes. 10GBASE-SRL optics are optically compatible with 10GBASE-SR within the 100m distance limit.

Q19: Can I detach the SFP+ connector from the 10GBASE-CR cable?

A19: No. 10GBASE-CR cables are factory terminated. Cable length must be specified at the time of ordering.

Q20: Can I connect a 10GBASE-CR cable to a 10GBASE-CX4 interface?

A20: No. A 10GBASE-CR cable does not inter-operate with CX4 interfaces.

Headquarters

275 Middlefield Road
Menlo Park, CA 94025
USA
650 462-5000

Support

support@aristanetworks.com
650 462-5002
866 476-0000

Sales

sales@aristanetworks.com
650 462-5001
866 497-0000

For more information, visit www.aristanetworks.com

ARISTA

PTS
DATA CENTER SOLUTIONS

For More Information:
(866) 787-3271
Sales@PTSdcs.com