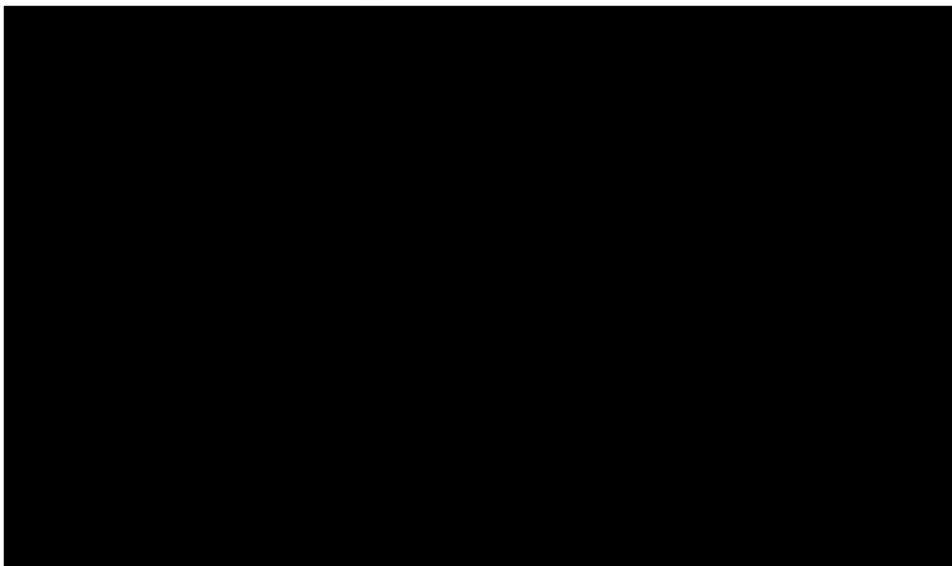


BUSTA 1

- a) Il candidato descriva il protocollo DHCP, il suo funzionamento e le sue applicazioni.
- b) Il candidato presenti, con chiarezza e sintesi, il curriculum vitae ed eventuali prodotti presentati (rapporti tecnico/gestionali e/o pubblicazioni o brevetti), sottolineando le esperienze professionali che ritiene essere più significative relativamente all'attinenza con la tematica del bando.
- c) Il candidato legga e traduca il paragrafo evidenziato in giallo a pag. 25, tratto dal manuale: "Dell EMC PowerSwitch S4100-ON Series Installation Guide" June 2019

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Daniela IVANIAN.....

Unpack

- 1 Place the container on a clean, flat surface and cut all straps securing the container.
- 2 Open the container or remove the container top.
- 3 Carefully remove the switch from the container and place it on a secure and clean surface.
- 4 Remove all packing material.
- 5 Inspect the product and accessories for damage.

Rack or cabinet installation

You may either place the switch on a rack shelf or mount the switch directly into a 19" wide, EIA-310- E-compliant rack. Rack mounting includes four-post, two-post, round threaded holes, or square holes. The ReadyRails system is provided for 1U front-rack and two-post installations.

The ReadyRails system includes two separately packaged rail assemblies. To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

⚠ WARNING: This guide is a condensed reference. Read the safety instructions in your *Safety, Environmental, and Regulatory* information booklet before you begin.

① NOTE: The illustrations in this section are not intended to represent a specific switch.

① NOTE: Do not use the mounted ReadyRails as a shelf or a workplace.

Rack mount safety considerations

- Rack loading—Overloading or uneven loading of racks may result in shelf or rack failure, possibly damaging the equipment and causing personal injury. Stabilize racks in a permanent location before loading begins. Mount the components starting at the bottom of the rack, then work to the top. Do not exceed your rack's load rating.
- Power considerations—Connect only to the power source specified on the unit. When you install multiple electrical components in a rack, ensure that the total component power ratings do not exceed the circuit capabilities. Overloaded power sources and extension cords present fire and shock hazards.
- Elevated ambient temperature—If you install the switch in a closed rack assembly, the operating temperature of the rack environment may be greater than the room ambient temperature. Use care not to exceed the 45°C maximum ambient temperature of the switch.
- Reduced air flow—Do not compromise the amount of airflow required for safe operation of the equipment. Install the equipment in the rack so that the equipment constantly has the correct amount of airflow surrounding it.
- Reliable earthing—Maintain reliable earthing of rack-mounted equipment. Pay particular attention to the supply connections other than the direct connections to the branch circuit, for example: use of power strips.
- Do not mount the equipment with the fan panel facing downward.

ReadyRails installation

To easily configure your rack for installation of your S4100-ON Series (S4128F-ON, S4148F-ON, S4148FE-ON, S4128T-ON, S4148T-ON, and S4148U-ON) switch, use the ReadyRails rack mounting system provided.

You can install the ReadyRails system using the 1U tool-less square-hole method or one of three possible 1U threaded round-hole methods. The tooled installation methods include two-post flush mount, two-post center mount, or four-post threaded mount.

To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

① NOTE: For more installation instructions, see the installation labels attached to the rail assembly.

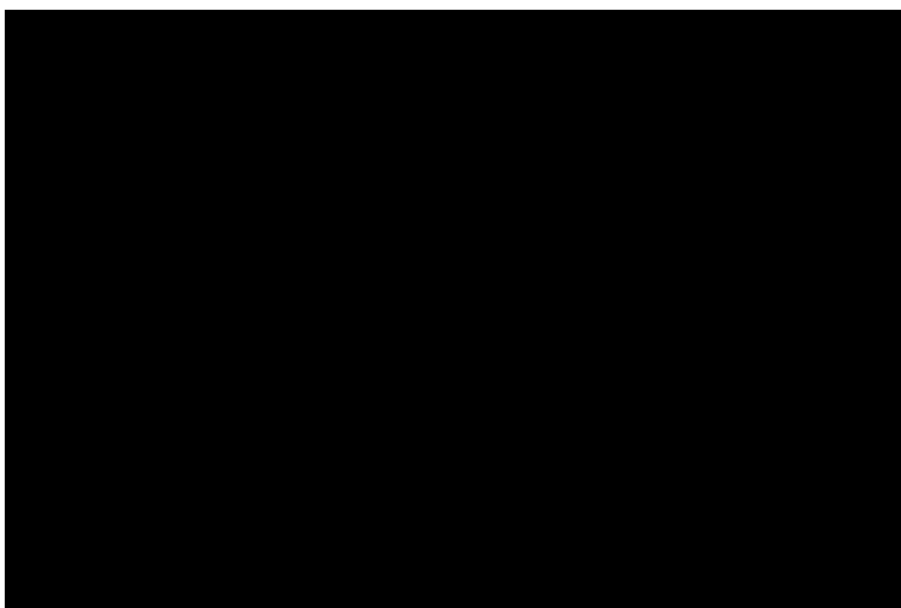
BUSTA 2

- a) Il candidato descriva le VLAN, le sue caratteristiche e le sue applicazioni.

- b) Il candidato selezioni esperienze professionali o rapporti tecnico/gestionali e/o pubblicazioni o brevetti, tra quelli presentati, che ritiene abbiano più attinenza alla tematica del bando e ne discuta in maniera chiara e sintetica.

- a) Il candidato legga e traduca il paragrafo evidenziato in giallo a pag. 25, tratto dal manuale: "Dell EMC PowerSwitch S4100-ON Series Installation Guide" June 2019

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Unpack

- 1 Place the container on a clean, flat surface and cut all straps securing the container.
- 2 Open the container or remove the container top.
- 3 Carefully remove the switch from the container and place it on a secure and clean surface.
- 4 Remove all packing material.
- 5 Inspect the product and accessories for damage.

Rack or cabinet installation

You may either place the switch on a rack shelf or mount the switch directly into a 19" wide, EIA-310- E-compliant rack. Rack mounting includes four-post, two-post, round threaded holes, or square holes. The ReadyRails system is provided for 1U front-rack and two-post installations.

The ReadyRails system includes two separately packaged rail assemblies. To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

⚠ WARNING: This guide is a condensed reference. Read the safety instructions in your *Safety, Environmental, and Regulatory* information booklet before you begin.

① NOTE: The illustrations in this section are not intended to represent a specific switch.

① NOTE: Do not use the mounted ReadyRails as a shelf or a workplace.

Rack mount safety considerations

- Rack loading—Overloading or uneven loading of racks may result in shelf or rack failure, possibly damaging the equipment and causing personal injury. Stabilize racks in a permanent location before loading begins. Mount the components starting at the bottom of the rack, then work to the top. Do not exceed your rack's load rating.
- Power considerations—Connect only to the power source specified on the unit. When you install multiple electrical components in a rack, ensure that the total component power ratings do not exceed the circuit capabilities. Overloaded power sources and extension cords present fire and shock hazards.
- Elevated ambient temperature—If you install the switch in a closed rack assembly, the operating temperature of the rack environment may be greater than the room ambient temperature. Use care not to exceed the 45°C maximum ambient temperature of the switch.
- Reduced air flow—Do not compromise the amount of airflow required for safe operation of the equipment. Install the equipment in the rack so that the equipment constantly has the correct amount of airflow surrounding it.
- Reliable earthing—Maintain reliable earthing of rack-mounted equipment. Pay particular attention to the supply connections other than the direct connections to the branch circuit, for example: use of power strips.
- Do not mount the equipment with the fan panel facing downward.

ReadyRails installation

To easily configure your rack for installation of your S4100-ON Series (S4128F-ON, S4148F-ON, S4148FE-ON, S4128T-ON, S4148T-ON, and S4148U-ON) switch, use the ReadyRails rack mounting system provided.

You can install the ReadyRails system using the 1U tool-less square-hole method or one of three possible 1U threaded round-hole methods. The tooled installation methods include two-post flush mount, two-post center mount, or four-post threaded mount.

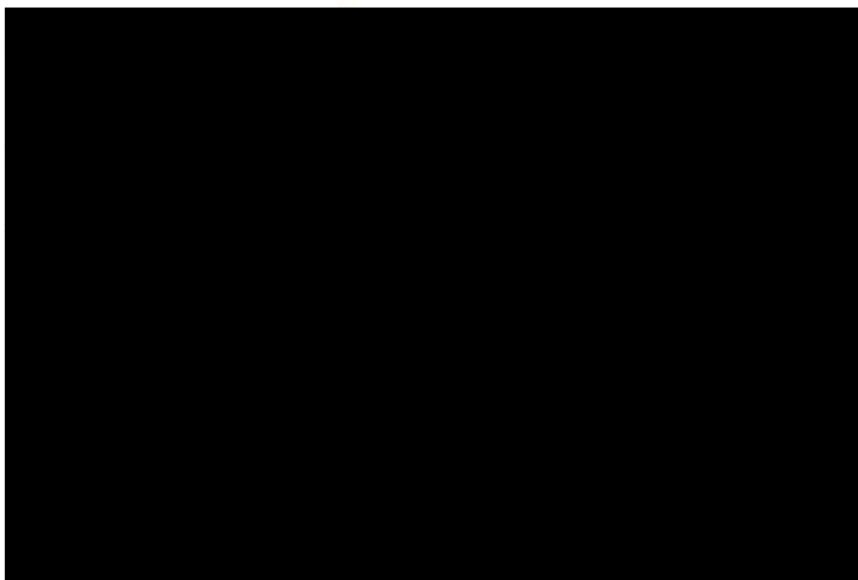
To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

① NOTE: For more installation instructions, see the installation labels attached to the rail assembly.

BUSTA 3

- a) Il candidato descriva il DNS, il suo utilizzo e le sue caratteristiche.
- b) Il candidato descriva, in maniera chiara e sintetica, l'esperienza, i rapporti tecnico/gestionali e/o pubblicazioni o brevetti tra quelli presentati, che ritiene essere più rappresentativi delle proprie competenze, argomentando l'attinenza con le competenze richieste dal bando.
- c) Il candidato legga e traduca il paragrafo evidenziato in giallo a pag. 25, tratto dal manuale: "Dell EMC PowerSwitch S4100-ON Series Installation Guide" June 2019

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Unpack

- 1 Place the container on a clean, flat surface and cut all straps securing the container.
- 2 Open the container or remove the container top.
- 3 Carefully remove the switch from the container and place it on a secure and clean surface.
- 4 Remove all packing material.
- 5 Inspect the product and accessories for damage.

Rack or cabinet installation

You may either place the switch on a rack shelf or mount the switch directly into a 19" wide, EIA-310- E-compliant rack. Rack mounting includes four-post, two-post, round threaded holes, or square holes. The ReadyRails system is provided for 1U front-rack and two-post installations.

The ReadyRails system includes two separately packaged rail assemblies. To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

⚠ WARNING: This guide is a condensed reference. Read the safety instructions in your *Safety, Environmental, and Regulatory* information booklet before you begin.

① NOTE: The illustrations in this section are not intended to represent a specific switch.

① NOTE: Do not use the mounted ReadyRails as a shelf or a workplace.

Rack mount safety considerations

- Rack loading—Overloading or uneven loading of racks may result in shelf or rack failure, possibly damaging the equipment and causing personal injury. Stabilize racks in a permanent location before loading begins. Mount the components starting at the bottom of the rack, then work to the top. Do not exceed your rack's load rating.
- Power considerations—Connect only to the power source specified on the unit. When you install multiple electrical components in a rack, ensure that the total component power ratings do not exceed the circuit capabilities. Overloaded power sources and extension cords present fire and shock hazards.
- Elevated ambient temperature—If you install the switch in a closed rack assembly, the operating temperature of the rack environment may be greater than the room ambient temperature. Use care not to exceed the 45°C maximum ambient temperature of the switch.
- Reduced air flow—Do not compromise the amount of airflow required for safe operation of the equipment. Install the equipment in the rack so that the equipment constantly has the correct amount of airflow surrounding it.
- Reliable earthing—Maintain reliable earthing of rack-mounted equipment. Pay particular attention to the supply connections other than the direct connections to the branch circuit, for example: use of power strips.
- Do not mount the equipment with the fan panel facing downward.

ReadyRails installation

To easily configure your rack for installation of your S4100–ON Series (S4128F-ON, S4148F-ON, S4148FE-ON, S4128T-ON, S4148T-ON, and S4148U-ON) switch, use the ReadyRails rack mounting system provided.

You can install the ReadyRails system using the 1U tool-less square-hole method or one of three possible 1U threaded round-hole methods. The tooled installation methods include two-post flush mount, two-post center mount, or four-post threaded mount.

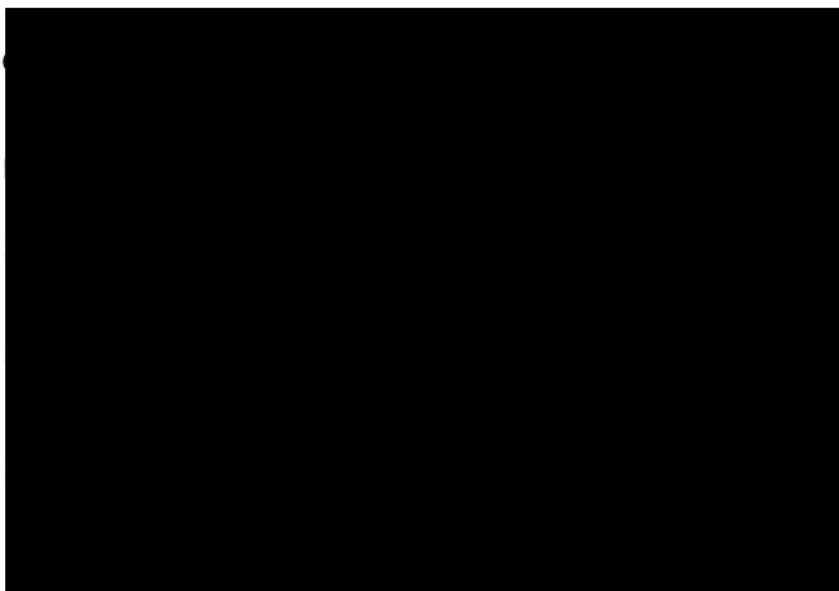
To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

① NOTE: For more installation instructions, see the installation labels attached to the rail assembly.

BUSTA 4

- a) Il candidato descriva i principali protocolli standard utilizzati per la lettura ed invio dei messaggi e le loro caratteristiche.
- b) Il candidato discuta, in maniera chiara e sintetica, le principali attività, esperienze professionali e competenze attestate dal curriculum vitae e da eventuali prodotti presentati (rapporti tecnico/gestionali e/o pubblicazioni o brevetti), pertinenti alla tematica del bando.
- c) Il candidato legga e traduca il paragrafo evidenziato in giallo a pag. 25, tratto dal manuale: "Dell EMC PowerSwitch S4100-ON Series Installation Guide" June 2019

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Unpack

- 1 Place the container on a clean, flat surface and cut all straps securing the container.
- 2 Open the container or remove the container top.
- 3 Carefully remove the switch from the container and place it on a secure and clean surface.
- 4 Remove all packing material.
- 5 Inspect the product and accessories for damage.

Rack or cabinet installation

You may either place the switch on a rack shelf or mount the switch directly into a 19" wide, EIA-310- E-compliant rack. Rack mounting includes four-post, two-post, round threaded holes, or square holes. The ReadyRails system is provided for 1U front-rack and two-post installations.

The ReadyRails system includes two separately packaged rail assemblies. To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

⚠ WARNING: This guide is a condensed reference. Read the safety instructions in your *Safety, Environmental, and Regulatory* information booklet before you begin.

① NOTE: The illustrations in this section are not intended to represent a specific switch.

① NOTE: Do not the use the mounted ReadyRails as a shelf or a workplace.

Rack mount safety considerations

- Rack loading—Overloading or uneven loading of racks may result in shelf or rack failure, possibly damaging the equipment and causing personal injury. Stabilize racks in a permanent location before loading begins. Mount the components starting at the bottom of the rack, then work to the top. Do not exceed your rack's load rating.
- Power considerations—Connect only to the power source specified on the unit. When you install multiple electrical components in a rack, ensure that the total component power ratings do not exceed the circuit capabilities. Overloaded power sources and extension cords present fire and shock hazards.
- Elevated ambient temperature—If you install the switch in a closed rack assembly, the operating temperature of the rack environment may be greater than the room ambient temperature. Use care not to exceed the 45°C maximum ambient temperature of the switch.
- Reduced air flow—Do not compromise the amount of airflow required for safe operation of the equipment. Install the equipment in the rack so that the equipment constantly has the correct amount of airflow surrounding it.
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- Do not mount the equipment with the fan panel facing downward.

ReadyRails installation

To easily configure your rack for installation of your S4100–ON Series (S4128F-ON, S4148F-ON, S4148FE-ON, S4128T-ON, S4148T-ON, and S4148U-ON) switch, use the ReadyRails rack mounting system provided.

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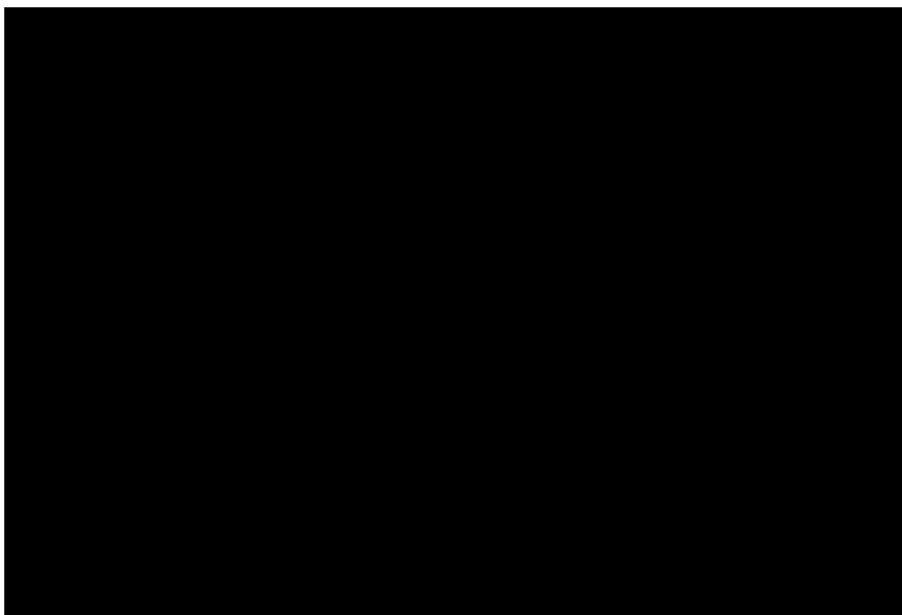
To begin installation, separate each rail assembly by sliding the inside rail out of the outside rail.

① NOTE: For more installation instructions, see the installation labels attached to the rail assembly.

BUSTA 5

- a) Il candidato descriva il funzionamento dei firewall, il loro impiego e le principali funzioni.
- b) Il candidato descriva, con chiarezza e sintesi, le proprie esperienze lavorative e competenze mettendo in risalto la loro attinenza alla tematica del presente bando di concorso. Il candidato fornisca inoltre informazioni relative ad eventuali prodotti presentati (rapporti tecnico/gestionali e/o pubblicazioni o brevetti).
- c) Il candidato legga e traduca il paragrafo evidenziato in giallo a pag. 33, tratto dal manuale: "Dell EMC PowerSwitch S4100-ON Series Installation Guide" June 2019

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Platform	Description
	<ul style="list-style-type: none"> • 2 fixed QSFP+ optical ports • 2 fixed unified QSFP28 optical ports • 2 fixed QSFP28 optical ports
S4128T-ON	<ul style="list-style-type: none"> • 28 fixed 10GBase-T RJ-45 optical ports • 2 fixed QSFP28 optical ports
S4148T-ON	<ul style="list-style-type: none"> • 48 fixed 10GBase-T RJ-45 optical ports • 2 fixed QSFP+ optical ports • 4 fixed QSFP28 optical ports
S4148U-ON	<ul style="list-style-type: none"> • 24 fixed unified Fibre channel or Ethernet SFP+ optical ports • 24 fixed Ethernet SFP+ optical ports • 2 fixed Ethernet QSFP+ optical ports • 4 fixed unified Fibre channel or Ethernet QSFP28 optical ports

For a list of supported optics, see the S4100-ON Series data sheet at www.dell.com/support or contact your Dell EMC representative.

CAUTION: ESD damage can occur if components are mishandled. Always wear an ESD-preventive wrist or heel ground strap when handling the S4100-ON Series and its components.

WARNING: When working with optical fibers, follow all warning labels and always wear eye protection. Never look directly into the end of a terminated or unterminated fiber or connector as it may cause eye damage.

- 1 Position the optic so it is in the correct position.
The optic has a key that prevents it from being inserted incorrectly.
- 2 Insert the optic into the port until it gently snaps into place.

NOTE: When you cable the ports, be sure not to interfere with the airflow from the small vent holes above and below the ports.

Optics removal

Remove an optic by pushing the tab on the optic and sliding the optic from the port.

When removing optics with direct attach cables (DACs) from the port, pull the release tab firmly and steadily. Before pulling the release tab, you may need to gently push the optic into the port to ensure that it is seated properly. Do not jerk or tug repeatedly on the tab.

Switch power-up

Supply power to the S4100-ON Series (S4128F-ON, S4148F-ON, S4148FE-ON, S4128T-ON, S4148T-ON, and S4148U-ON) switch after you mount it in a rack or cabinet.

Dell EMC recommends reinspecting your switch before powering up. Verify the following:

- The equipment is properly secured to the rack. Dell EMC recommends properly grounding the switch.
- The ambient temperature around the unit, which may be higher than the room temperature, is within the limits specified for the S4100-ON Series, see Specifications.
- There is sufficient airflow around the unit.
- The input circuits are correctly sized for the loads and that you use sufficient overcurrent protection devices.
- All protective covers are in place.
- Blank panels are installed if you do not install optional modules.