

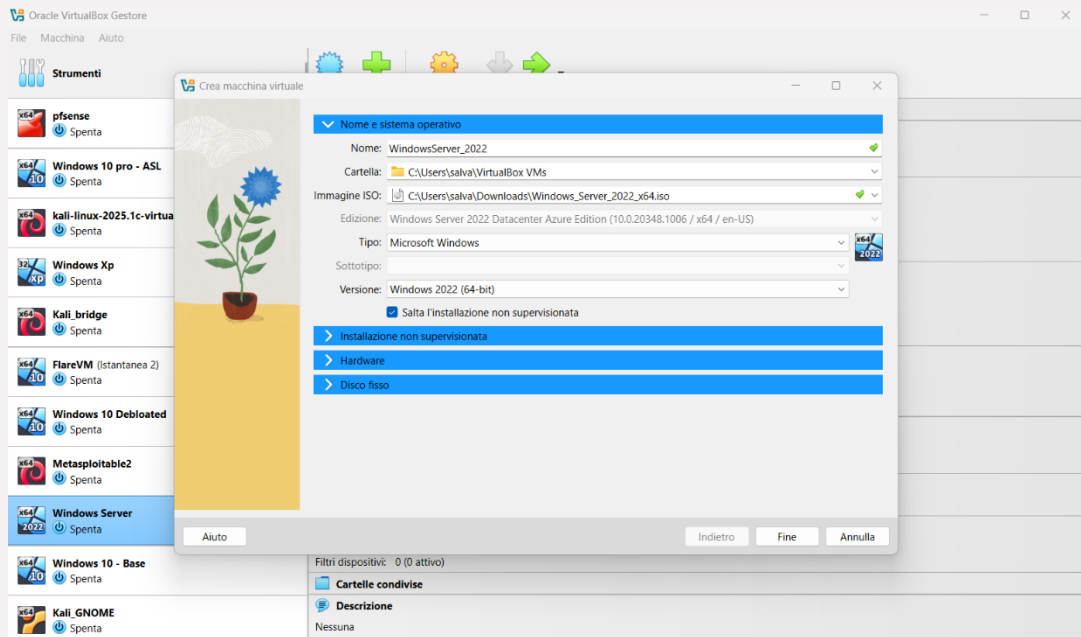
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1. Installazione iso Windows Server 2022 in VirtualBox

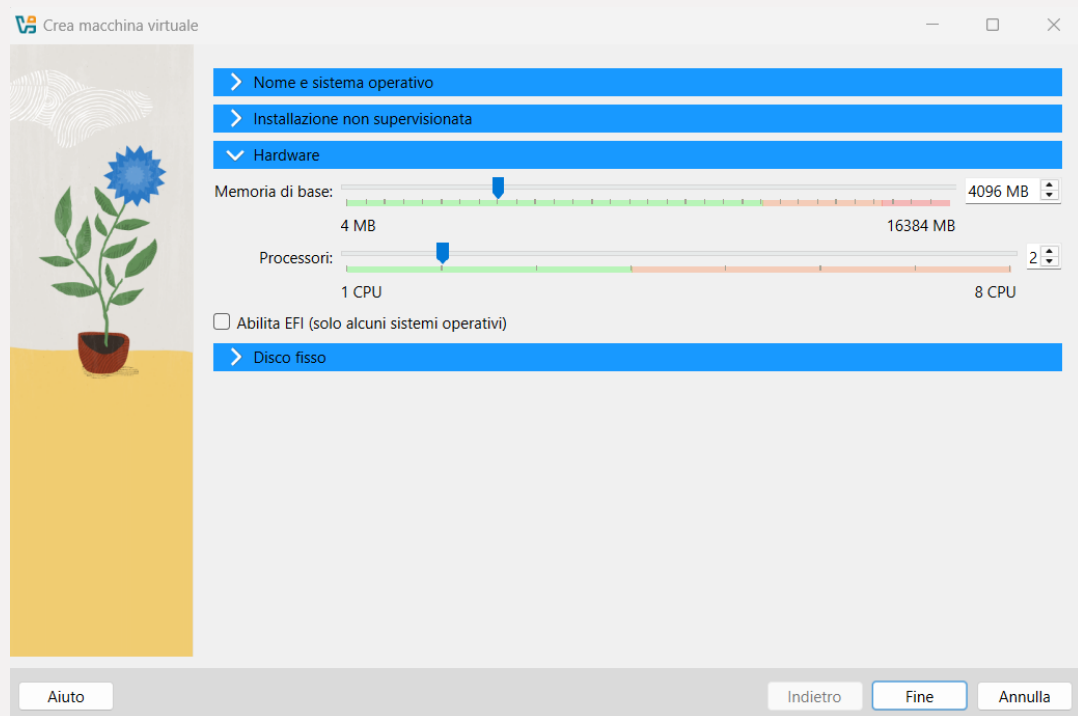
Di seguito vengono riportate le configurazioni e i passaggi da seguire per installare correttamente la macchina Windows Server 2022 su VirtualBox.

1.1 Impostazione Nome macchina e Percorso file iso



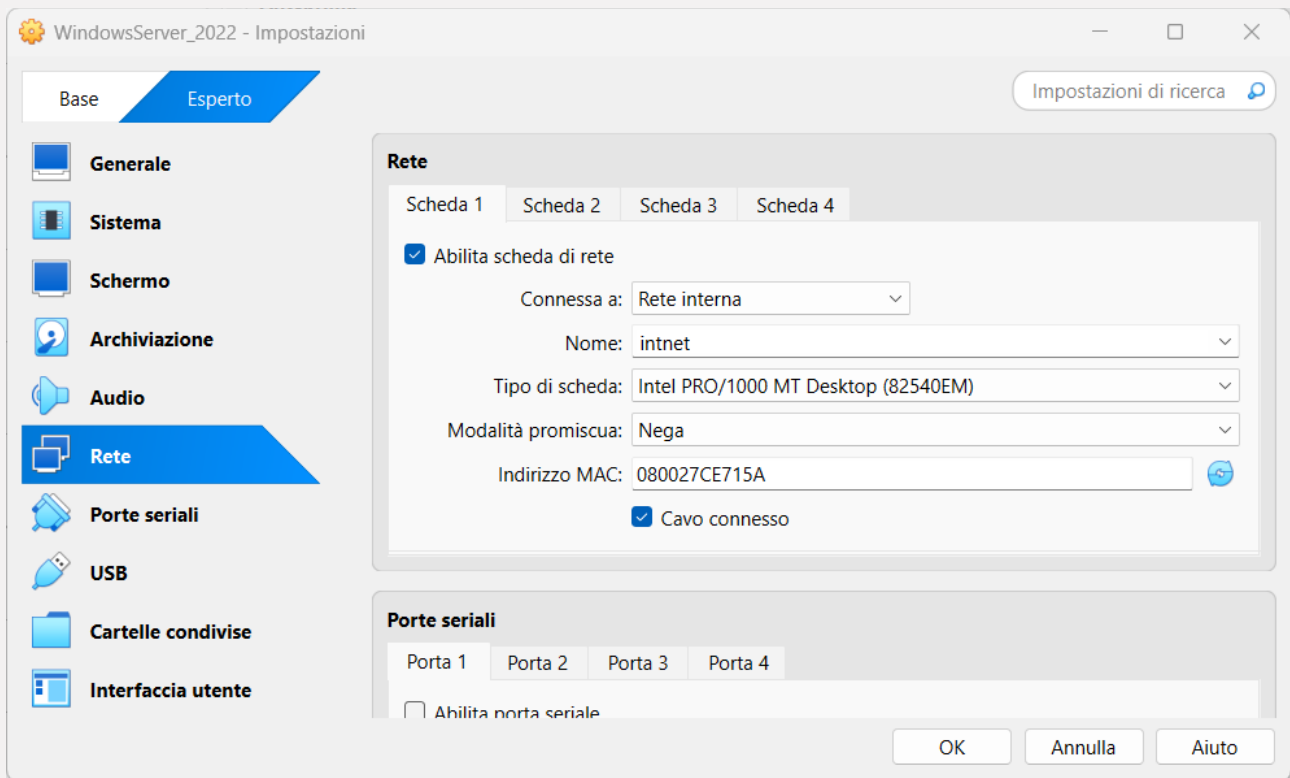
Nota: Spuntare la casella 'Salta l'installazione non supervisionata'

1.2 Configurazioni Hardware

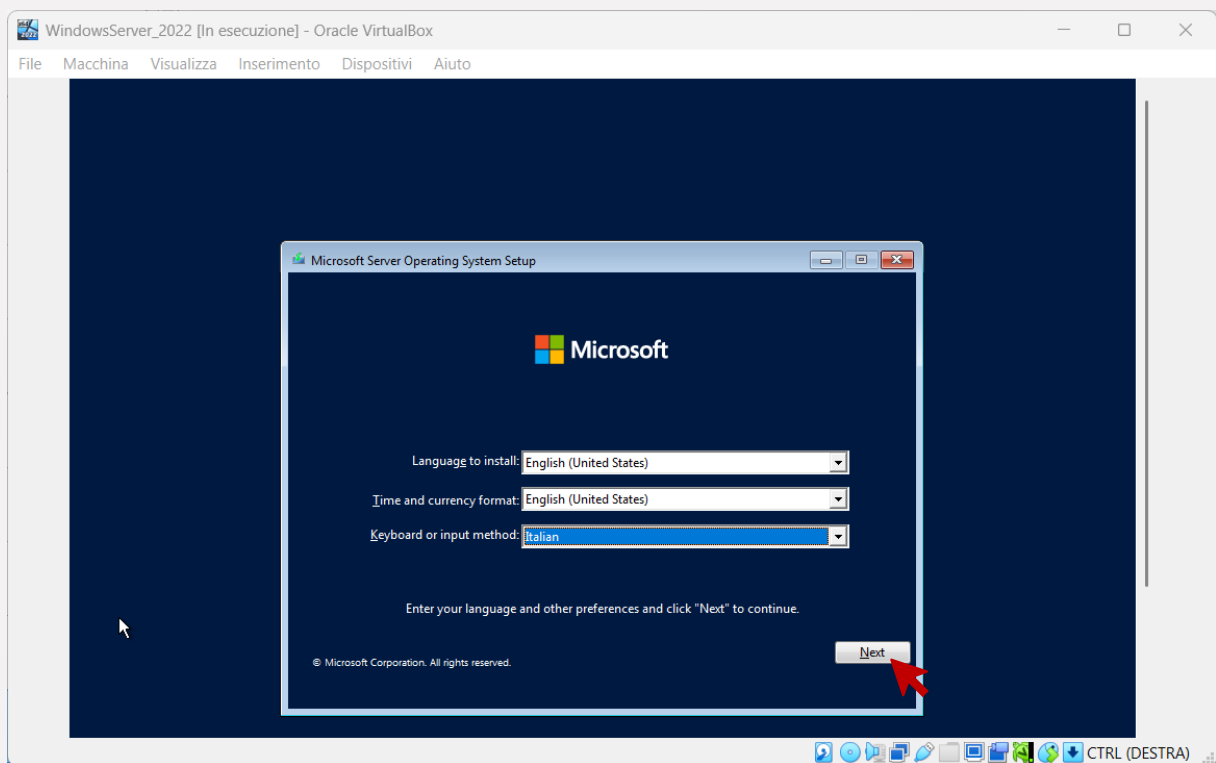


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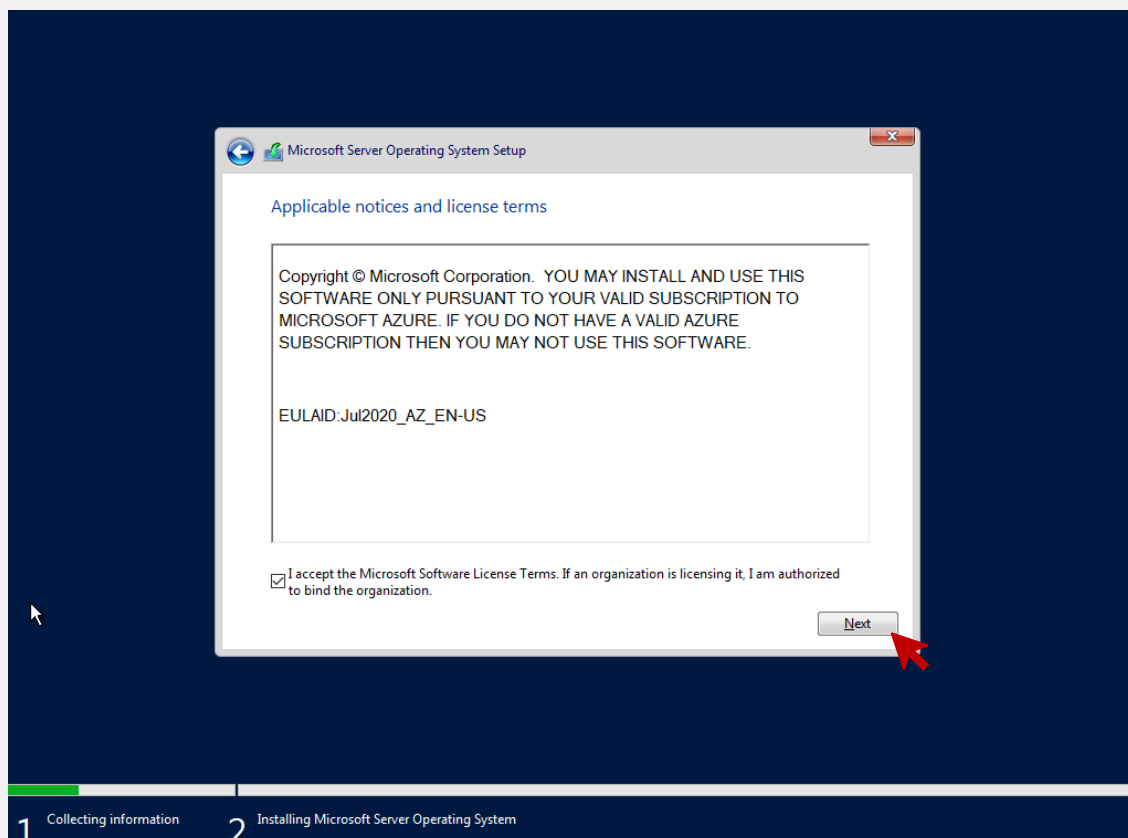
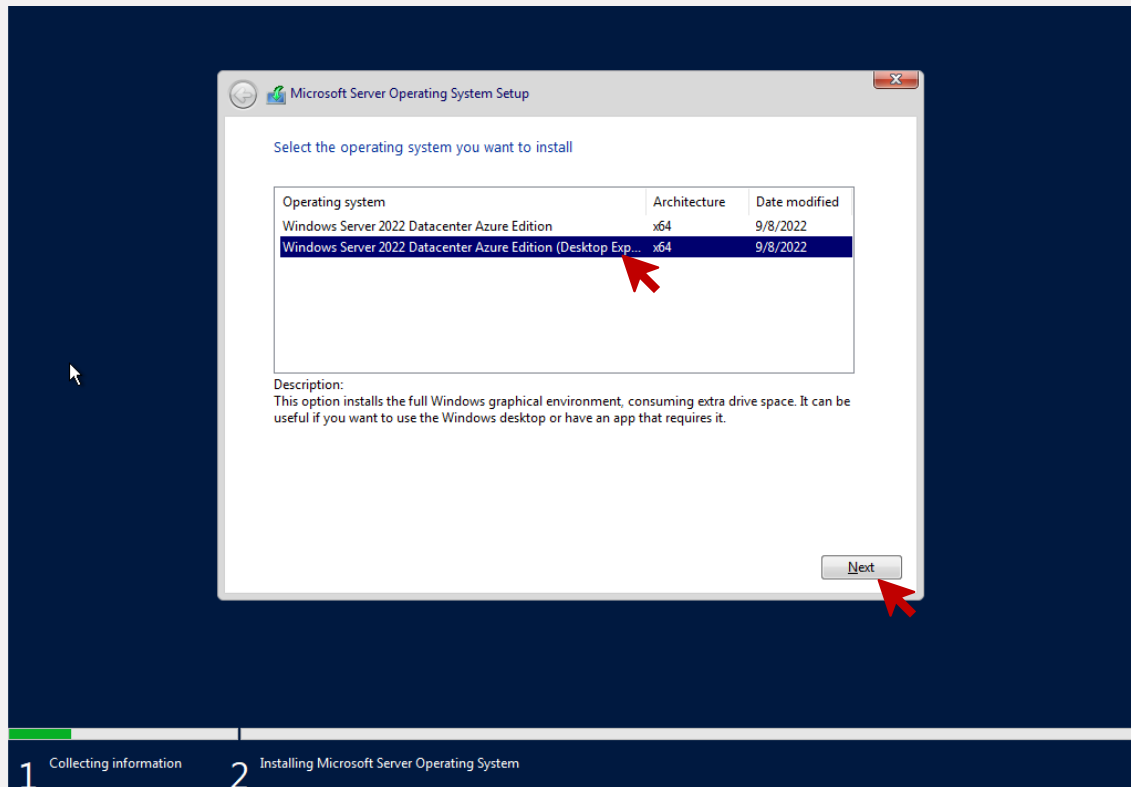
1.3 Configurazioni Rete



1.4 Avvio della macchina e Installazione

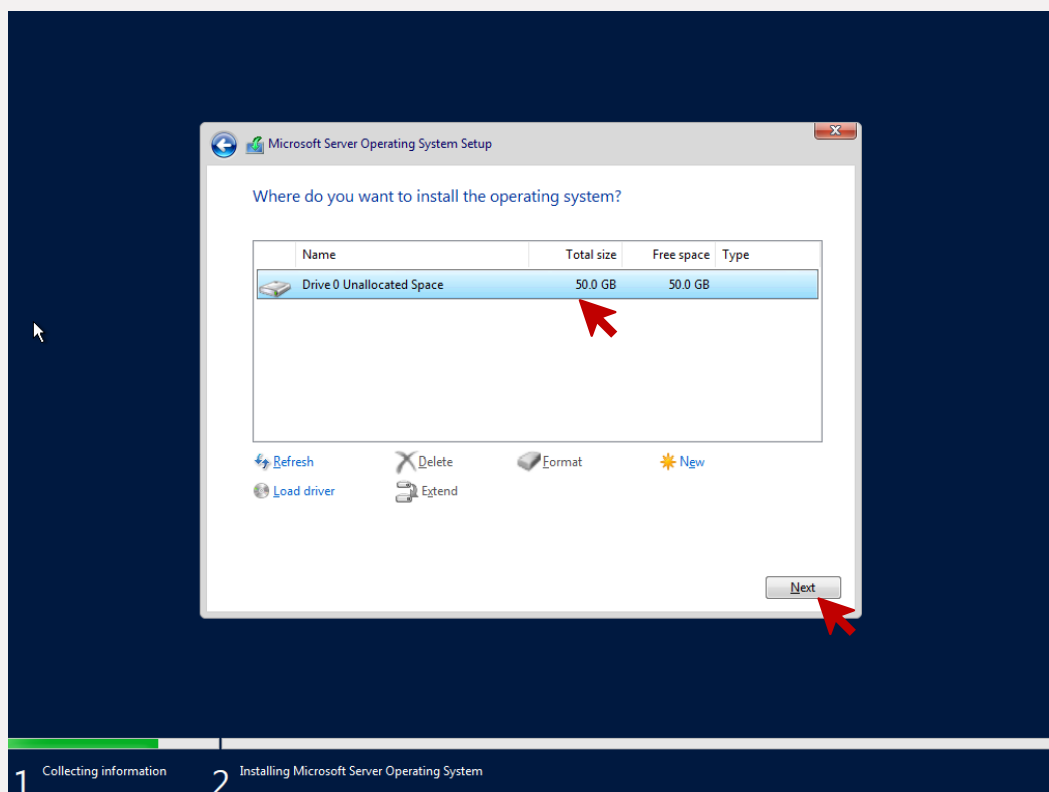


Nota: E' possibile modificare queste impostazioni anche successivamente. Si consiglia di lasciare inizialmente quelle mostrate.

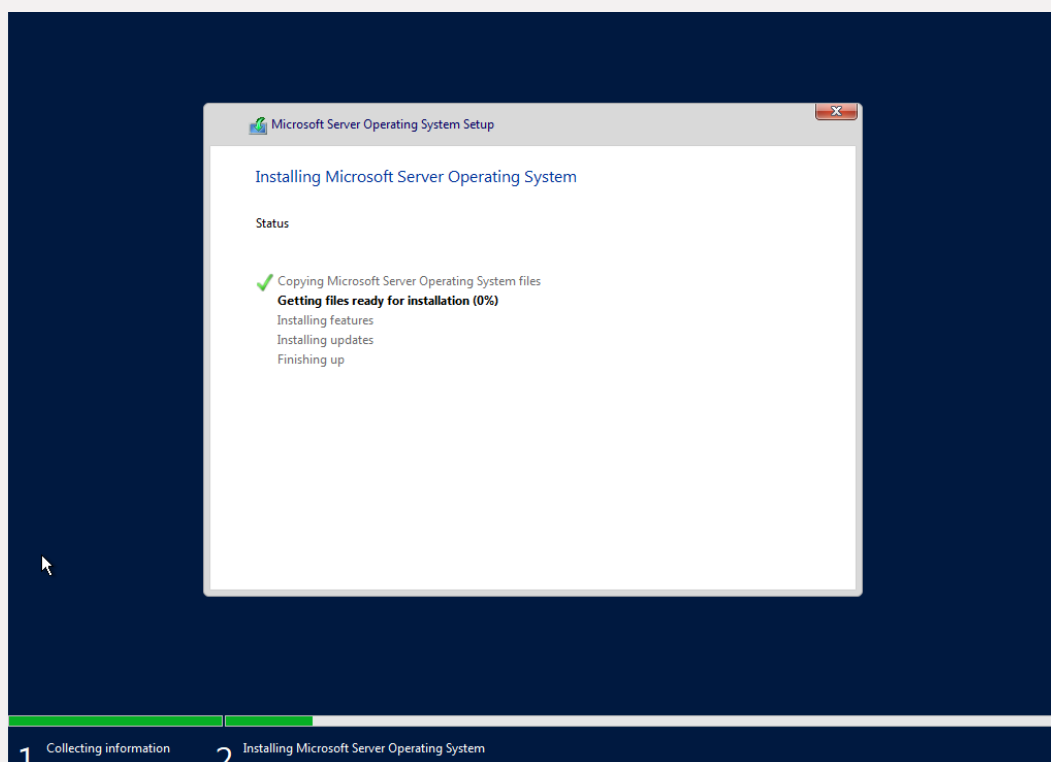
Sottoscrivere licenza

Sottoscrivere

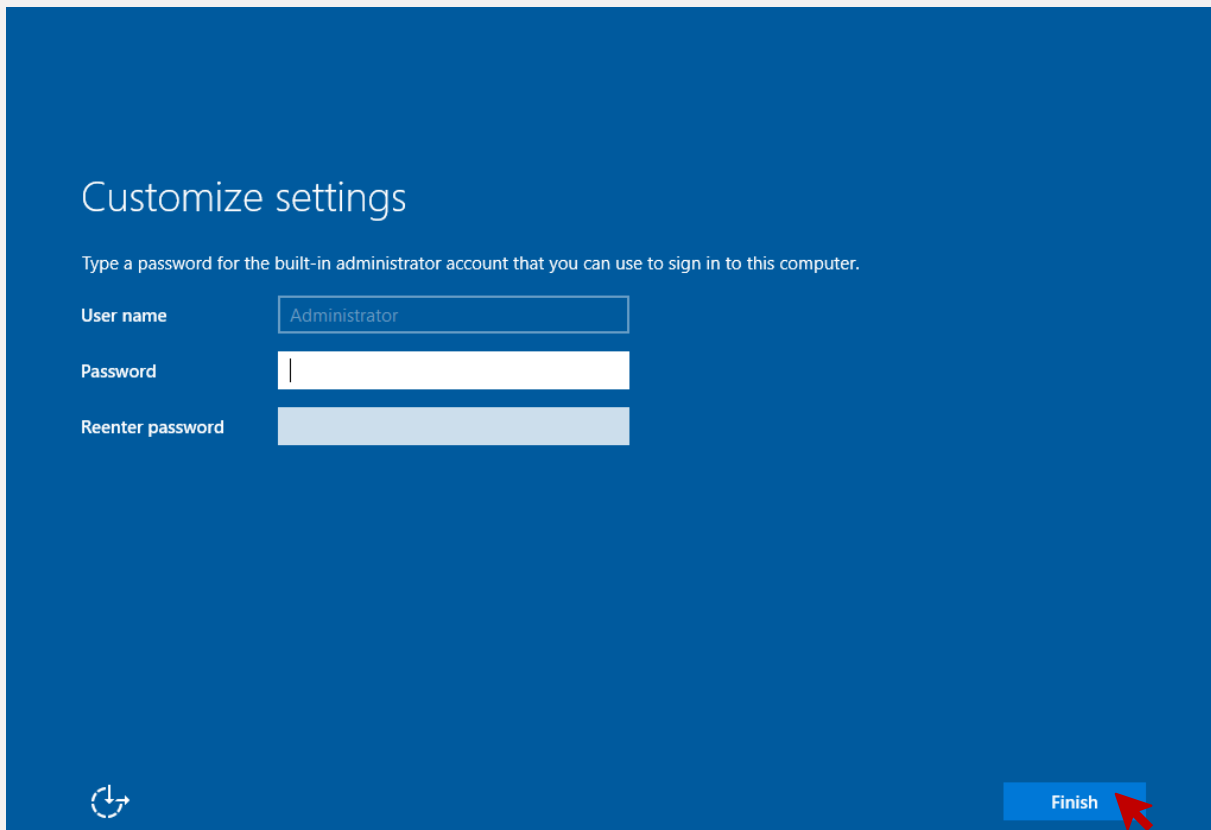
Scegliamo la voce **Custom: Install Microsoft Server Operating System only (advanced)**.



Attendiamo installazione...



Scegliamo una password **sicura e facile da ricordare**



Customize settings

Type a password for the built-in administrator account that you can use to sign in to this computer.

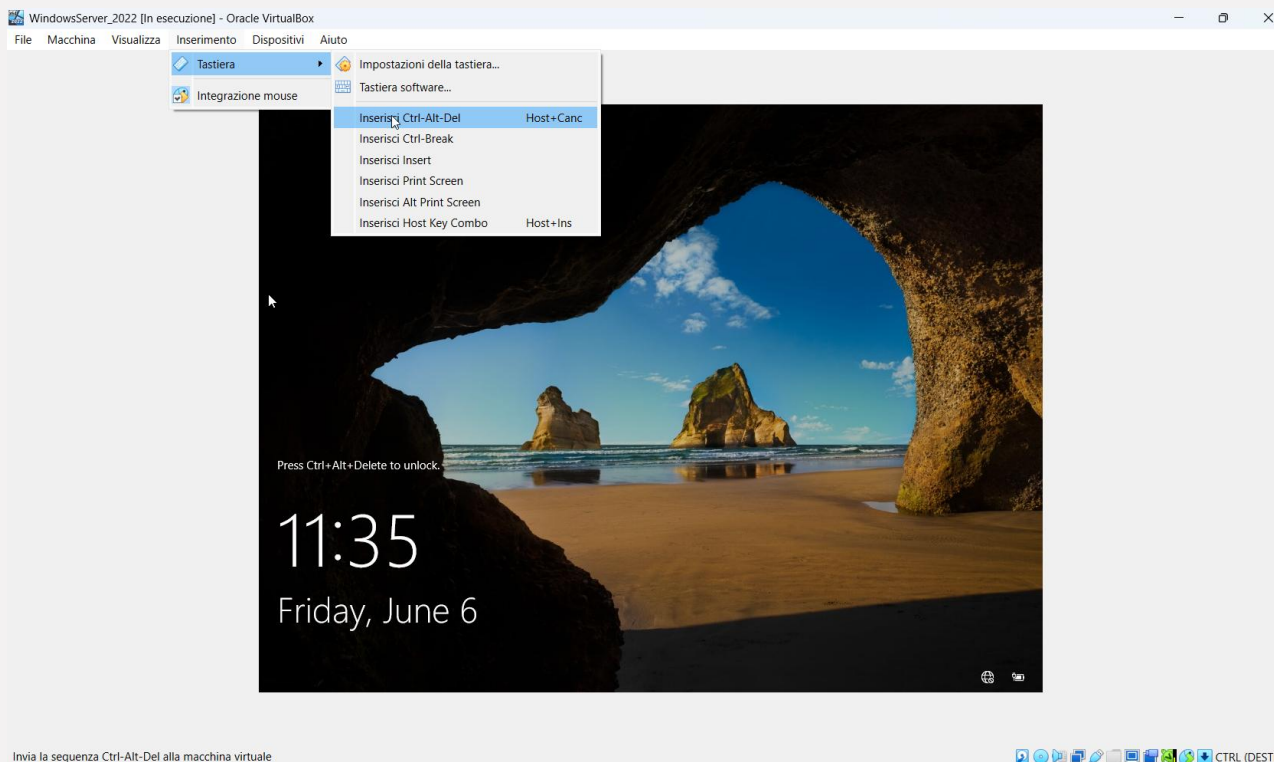
User name: Administrator

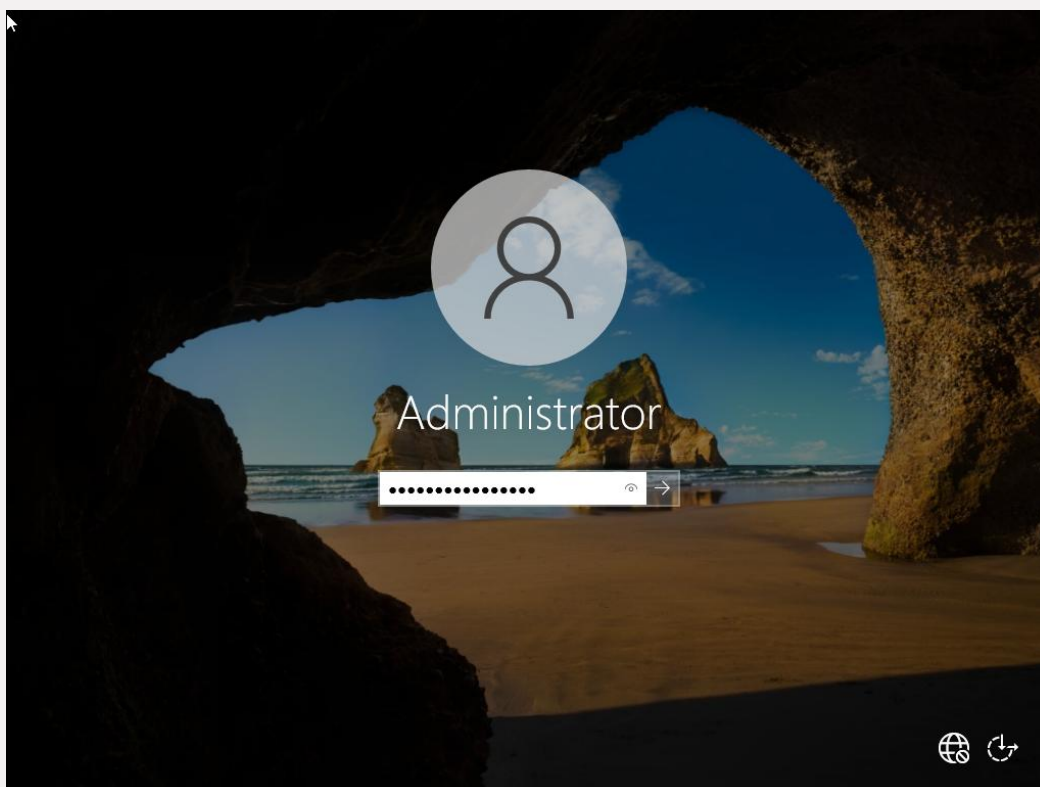
Password: [input field]

Reenter password: [input field]

Finish

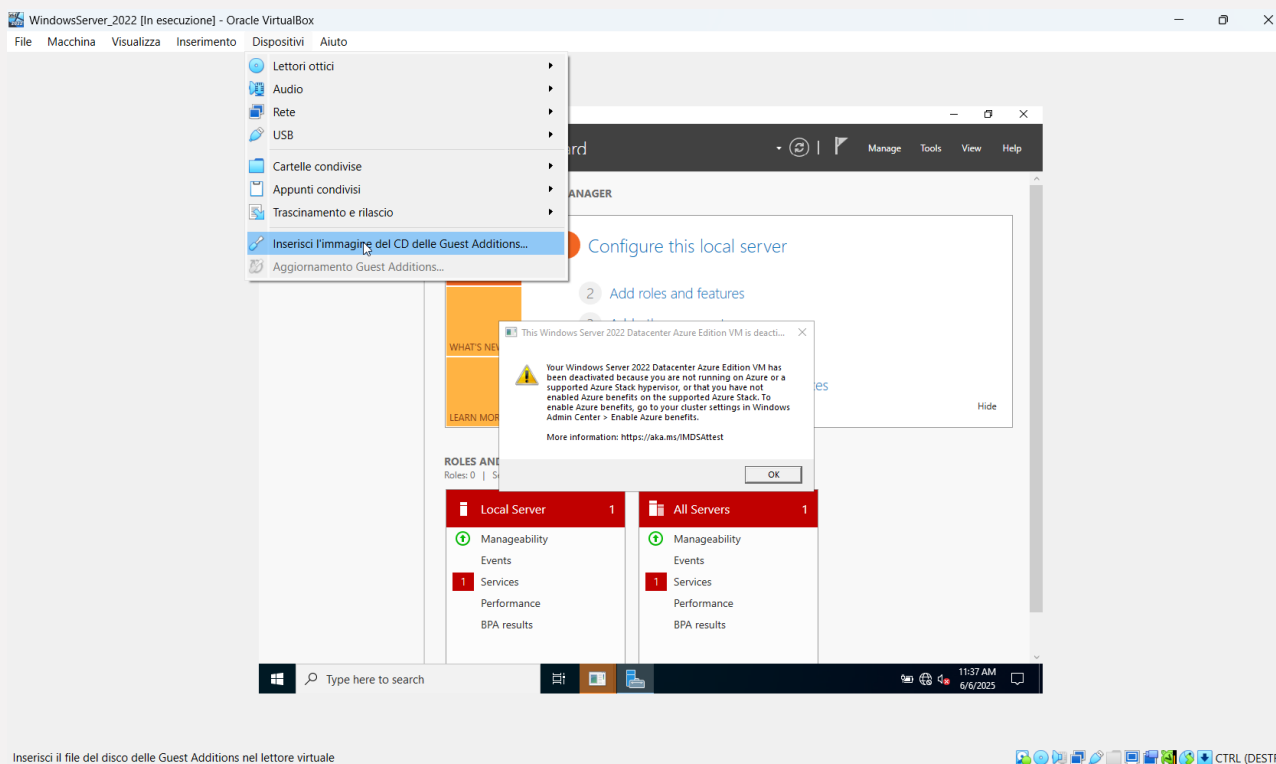
Per sbloccare la schermata, qualora non funzionasse la combinazione di tasti **CTRL+ALT+DEL**, possiamo usare il metodo mostrato nell'immagine sotto.



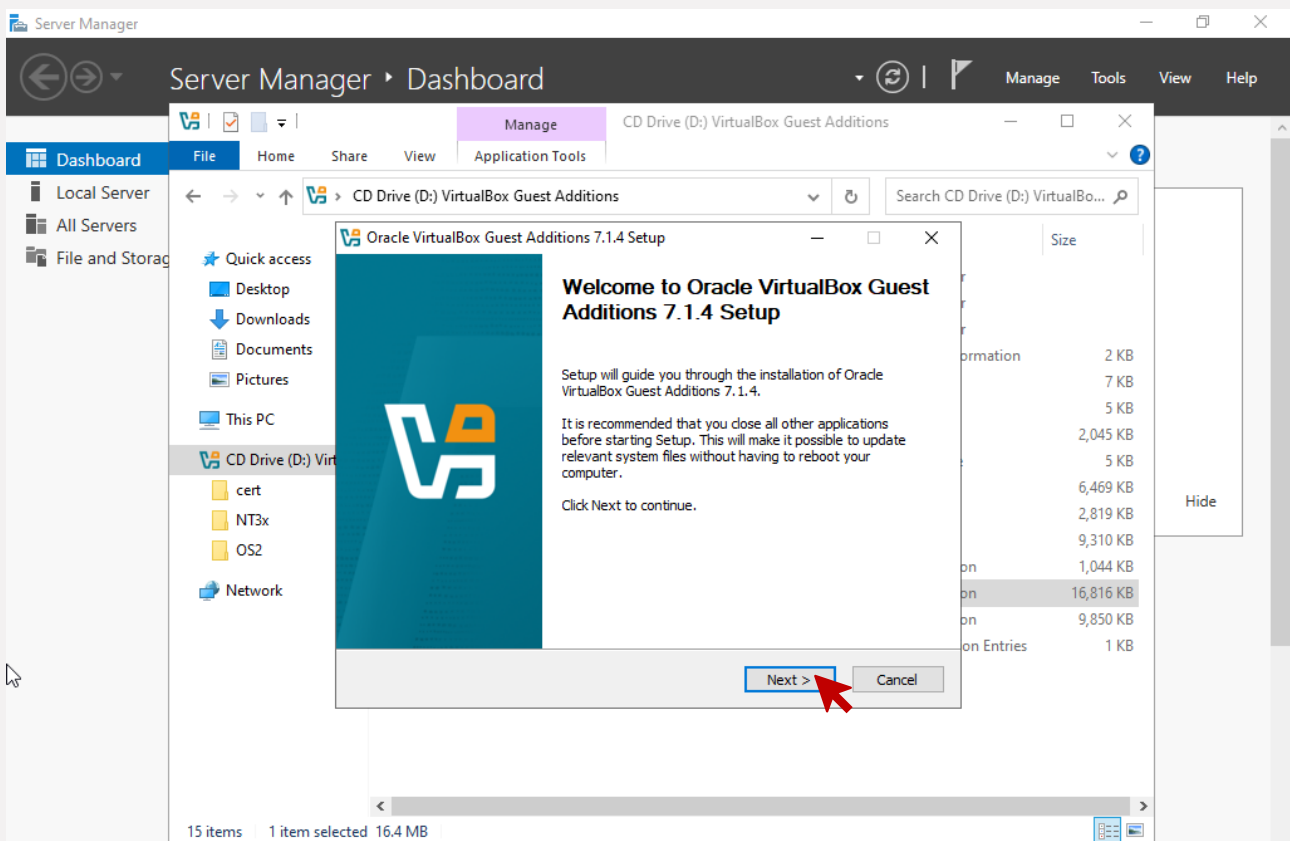
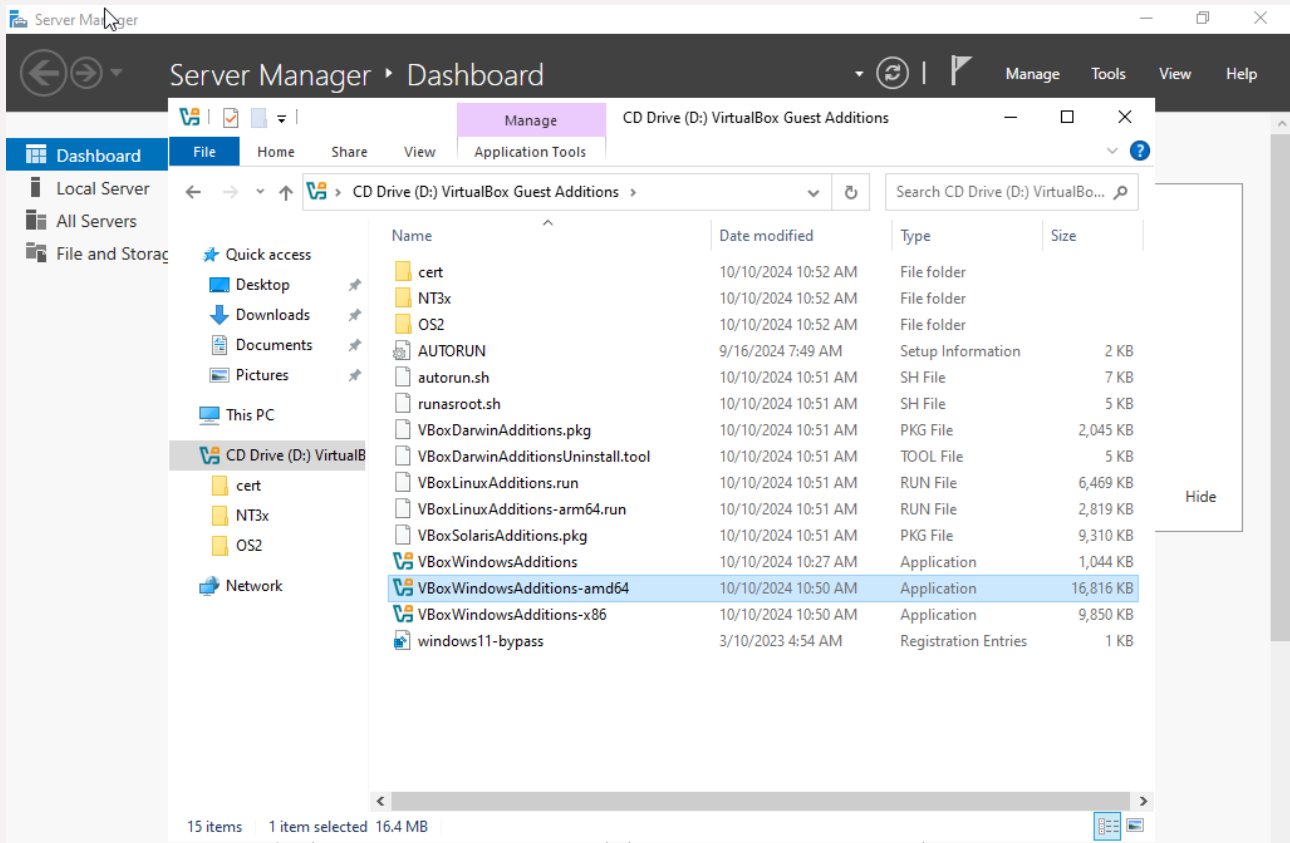


1.5 Installazione Guest Additions VirtualBox

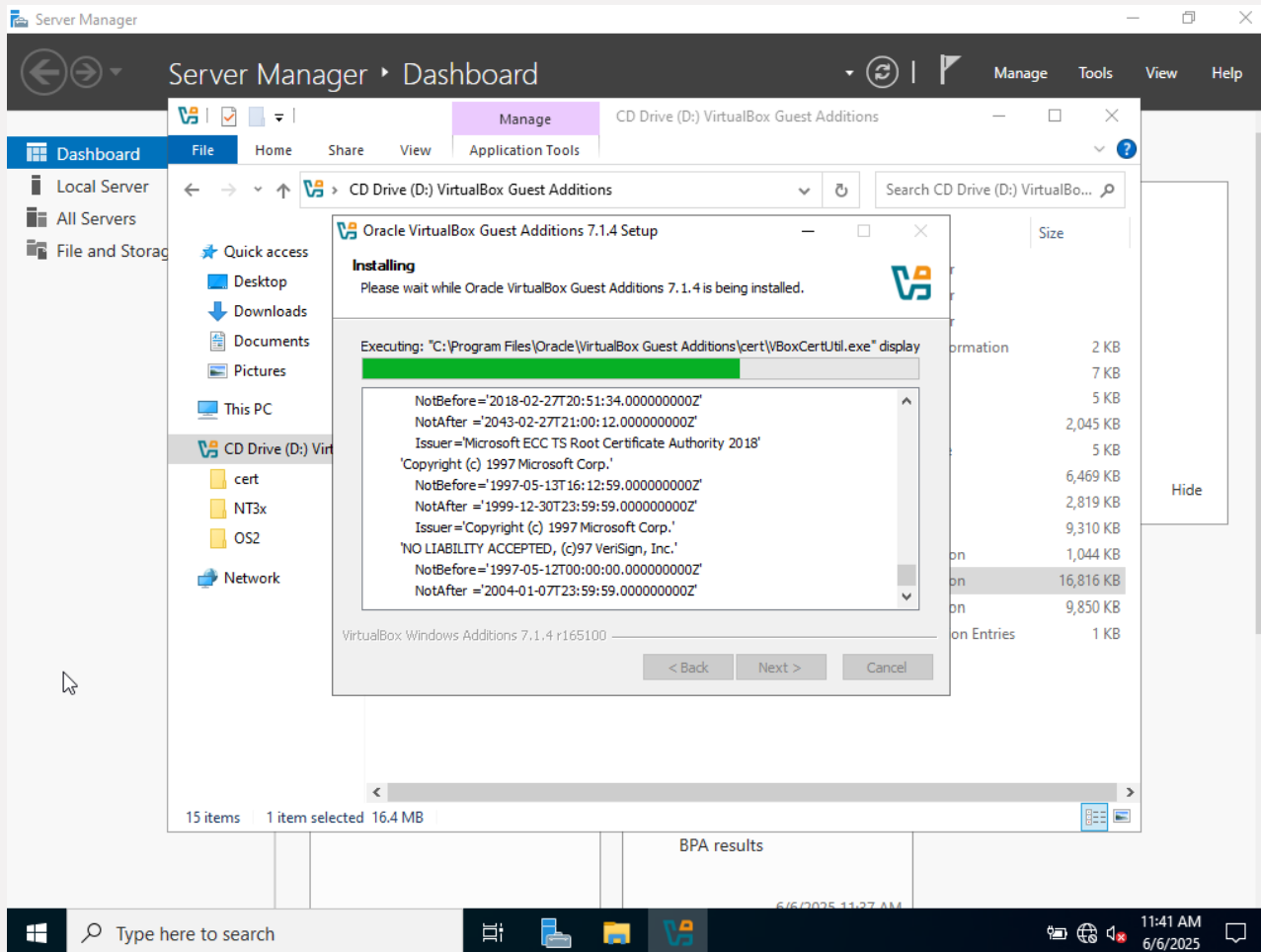
Avviato Windows Server 2022, andiamo ad installare le Guest Additions per migliorare l'esperienza dell'utente.



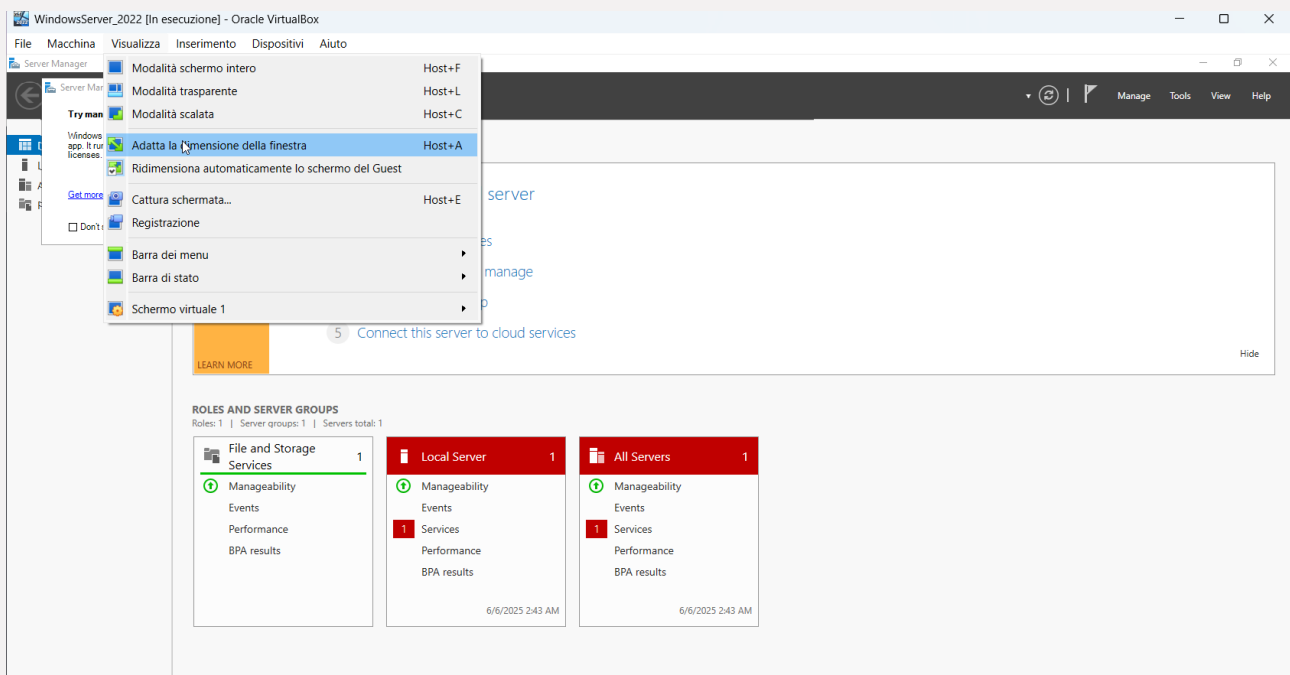
Soluzioni



Sottoscrivere



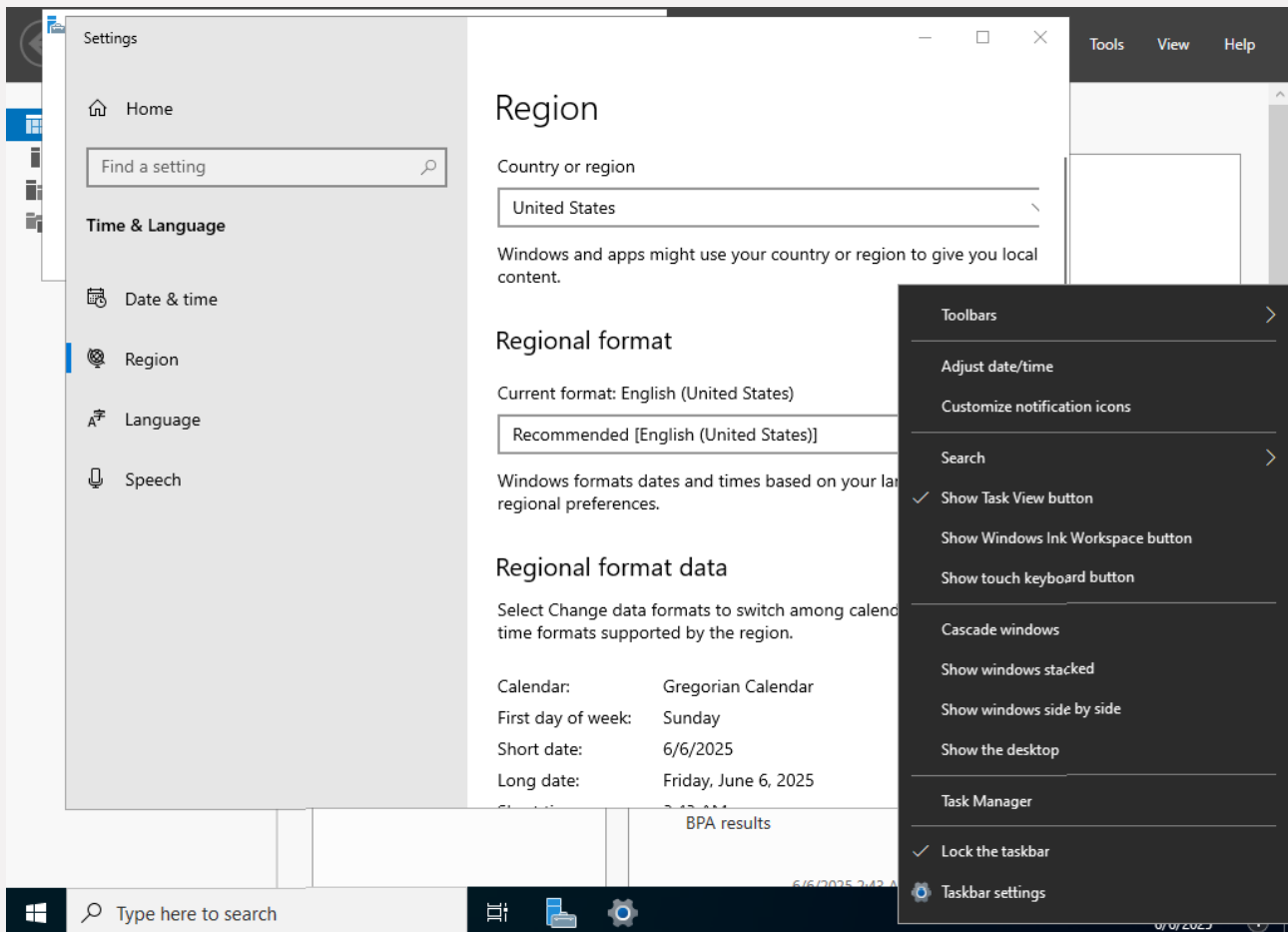
Ora possiamo adattare la dimensione della macchina in base alla finestra dinamicamente.



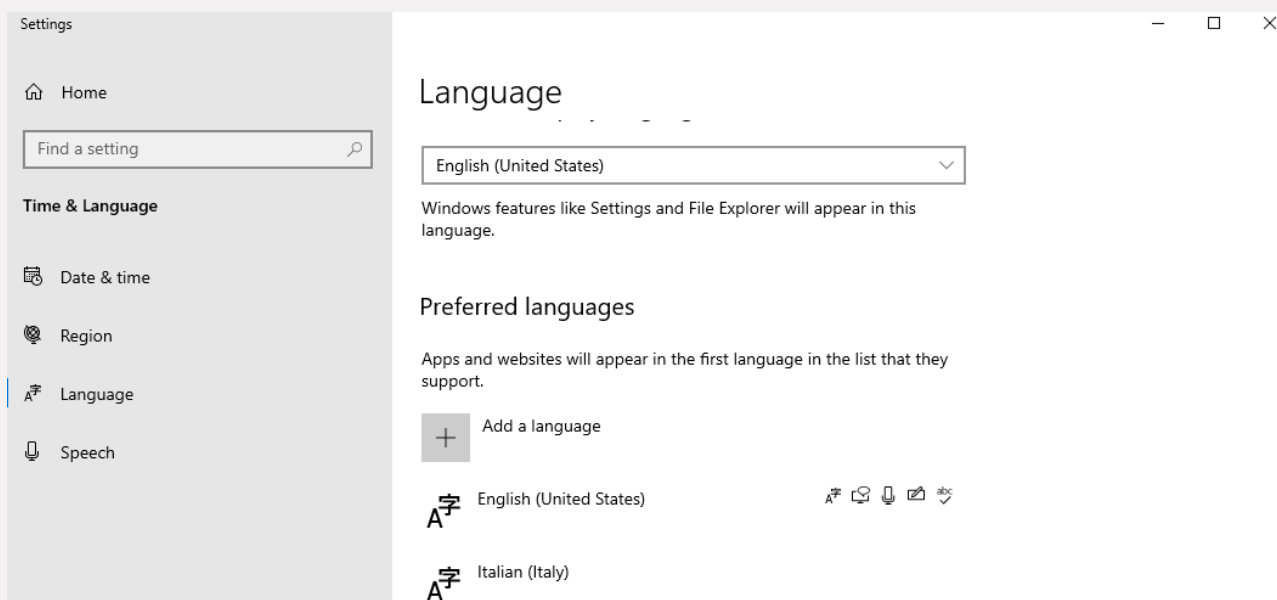
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1.6 Impostazioni date/time

Cliccando sulla data e l'ora in basso a destra col tasto destro, apparirà un menù e clicchiamo su *Adjust date/time*.

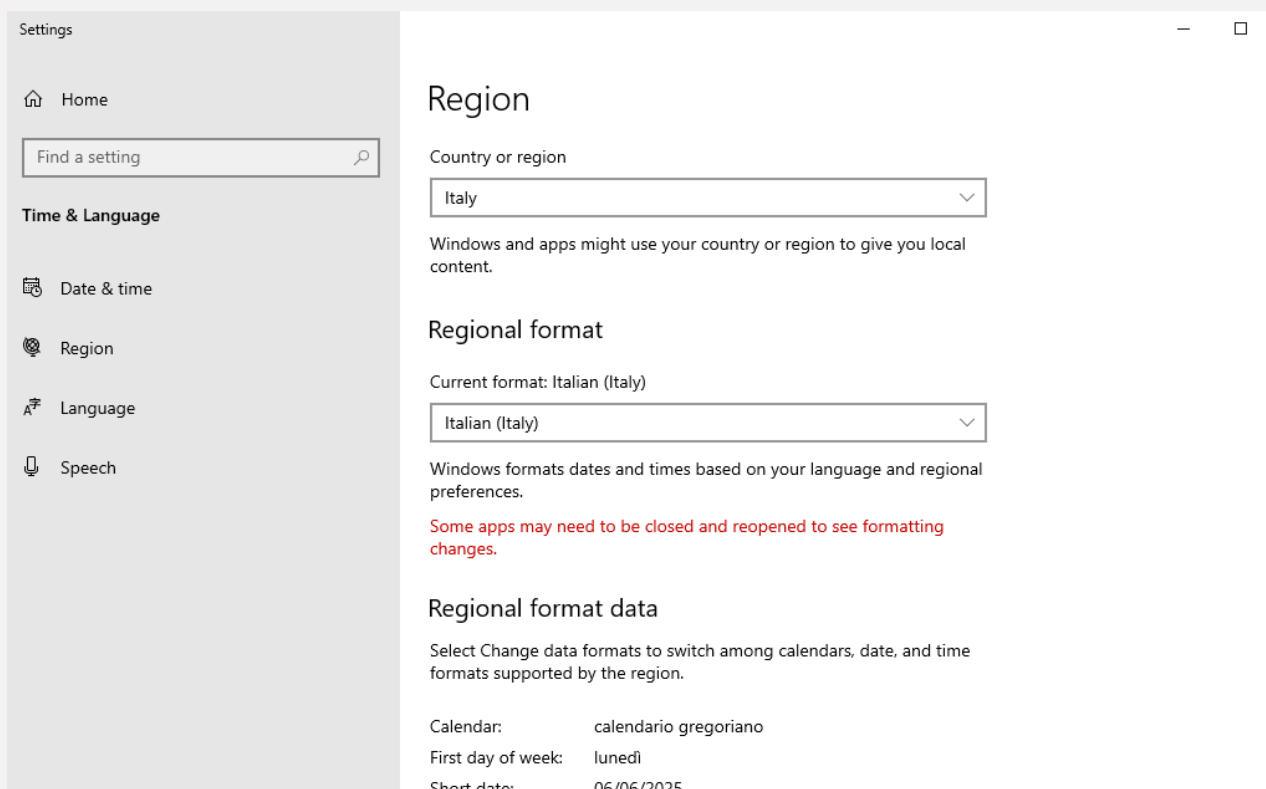


In *Language* aggiungiamo la lingua italiana.

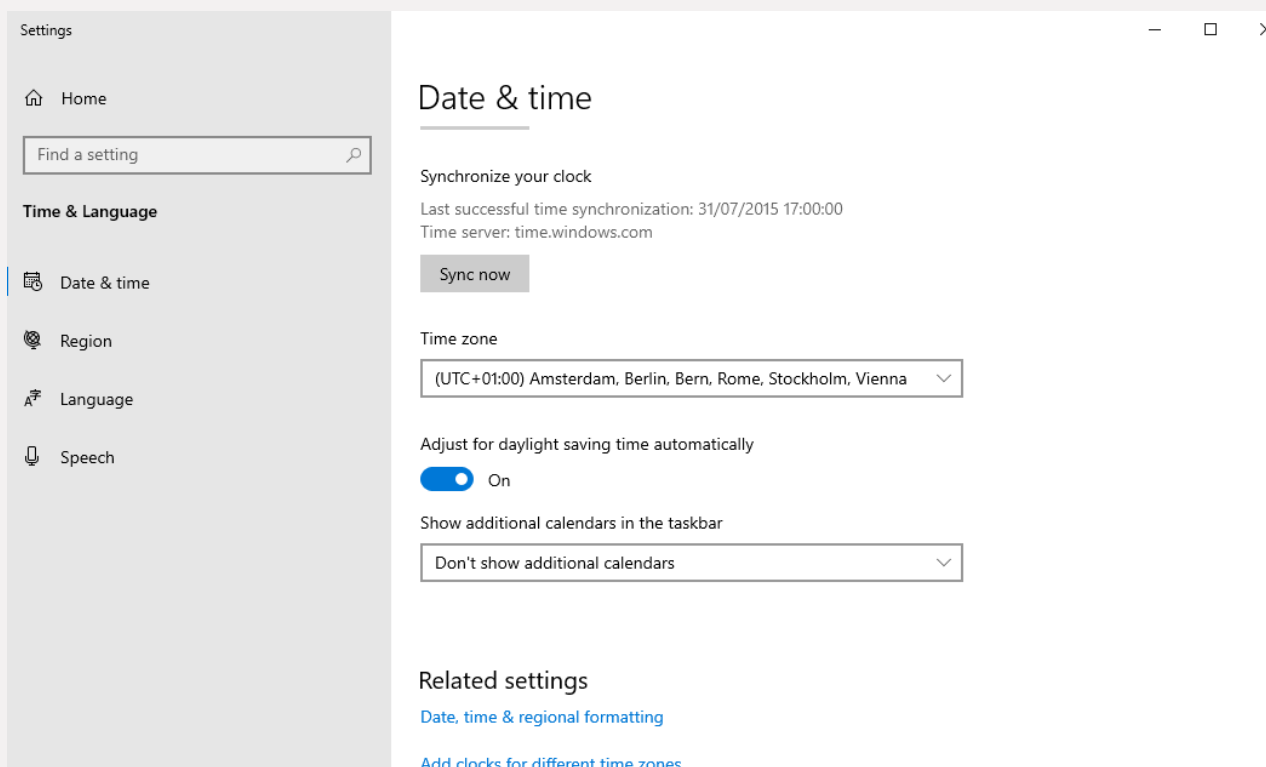


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In **Region** impostiamo i parametri come di seguito nell'immagine.



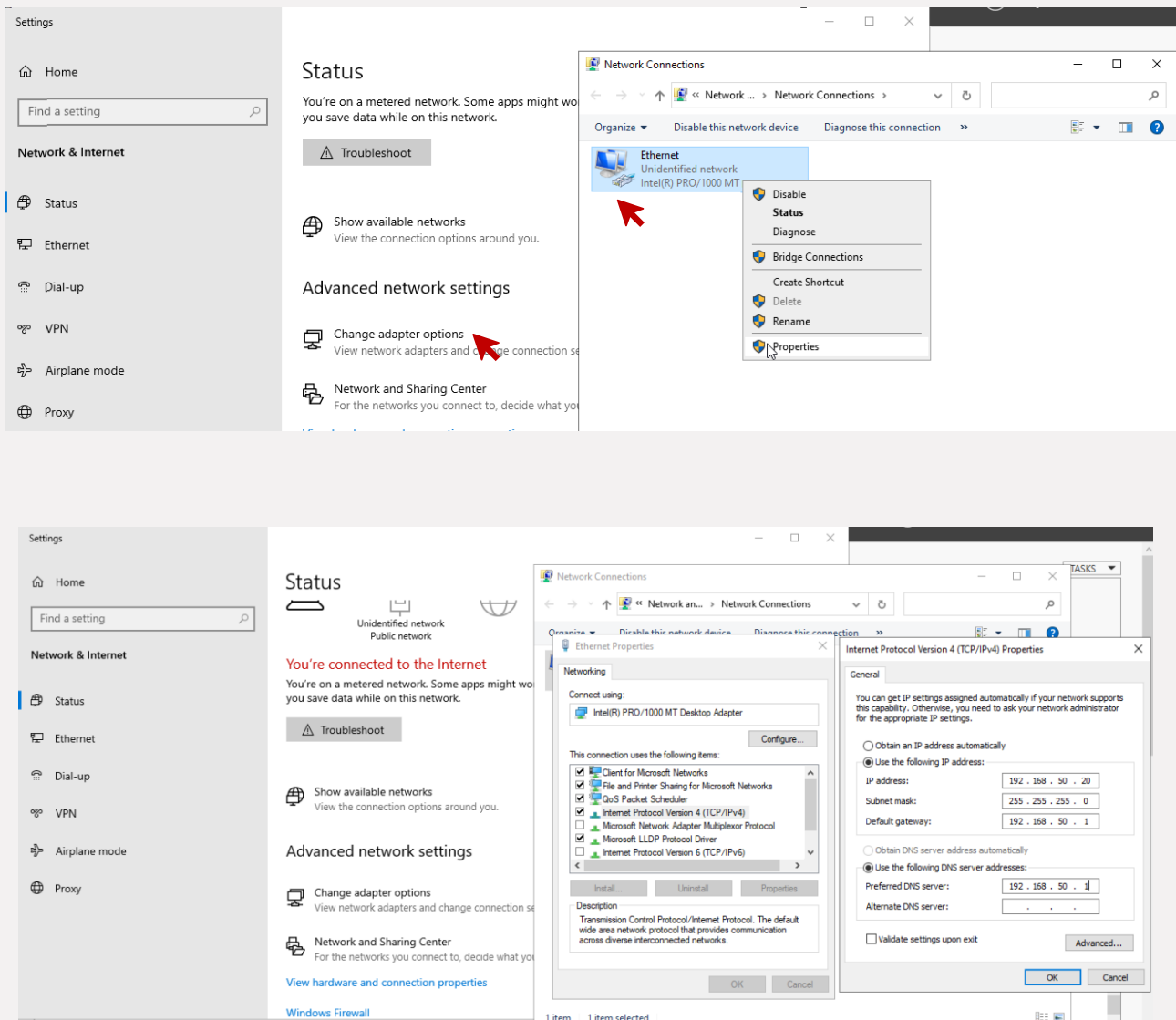
Infine, in **Date & Time** configuriamo il fuso orario corretto.



Sottoscriva

1.7 Impostazioni di rete

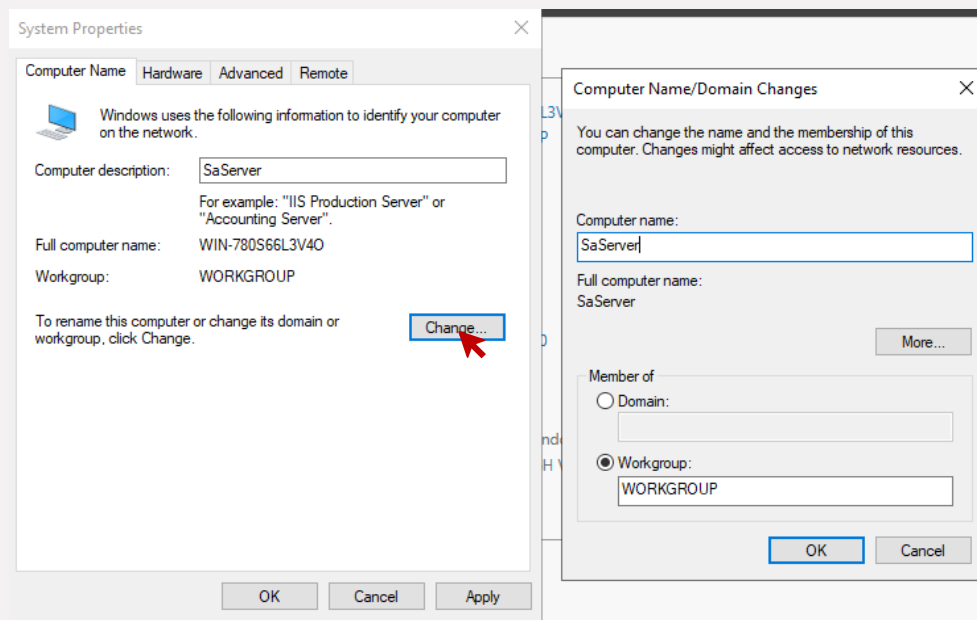
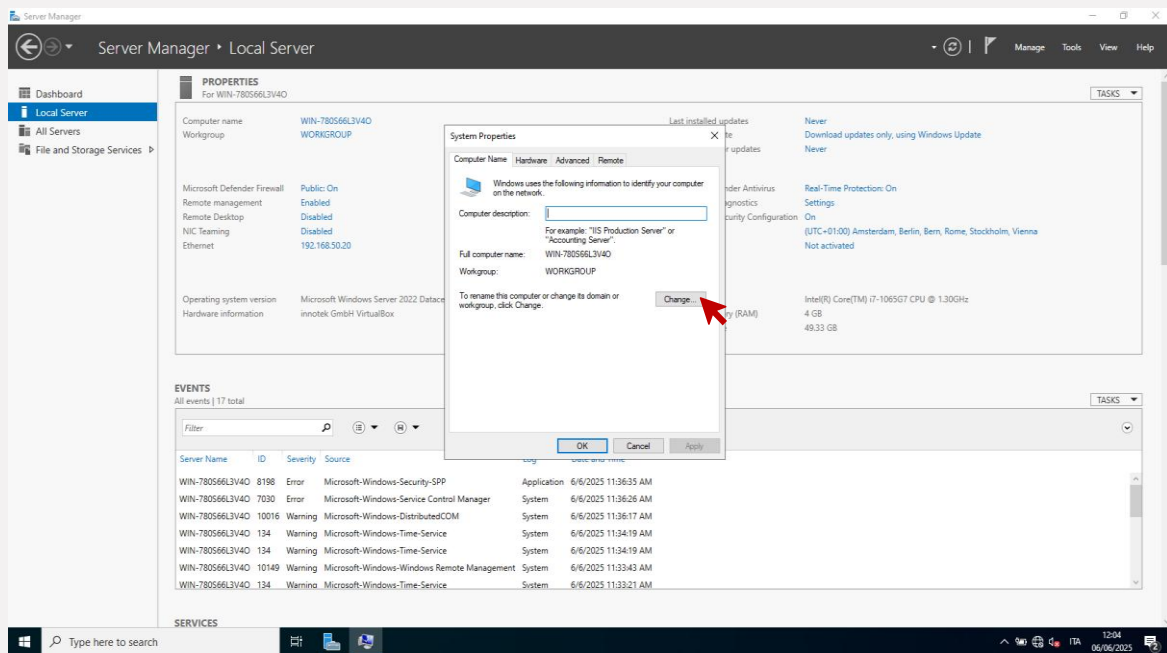
Impostiamo un IP statico per garantire una connessione stabile e affidabile, facilitando l'accesso da parte di utenti e servizi esterni, al server.



L'IP andrà poi inserito come **DNS preferito** nelle impostazioni di rete delle macchine del nostro dominio.

1.8 Configurazione del Sistema

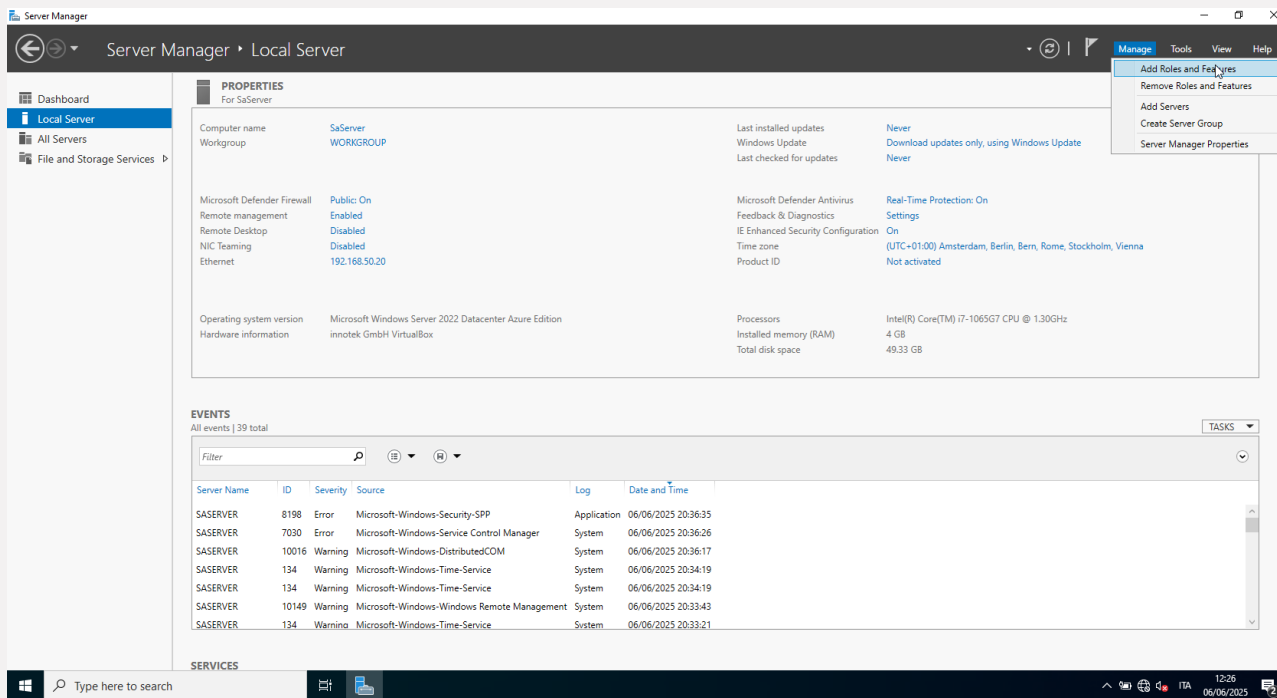
Cliccando su computer **Local Server** in **Server Manager** e successivamente su **Computer name** possiamo impostare le configurazioni di sistema.



Riavviamo il server come richiesto.

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1.9 Installazione e configurazione Active Directory



Server Manager - Local Server

PROPERTIES For SaServer

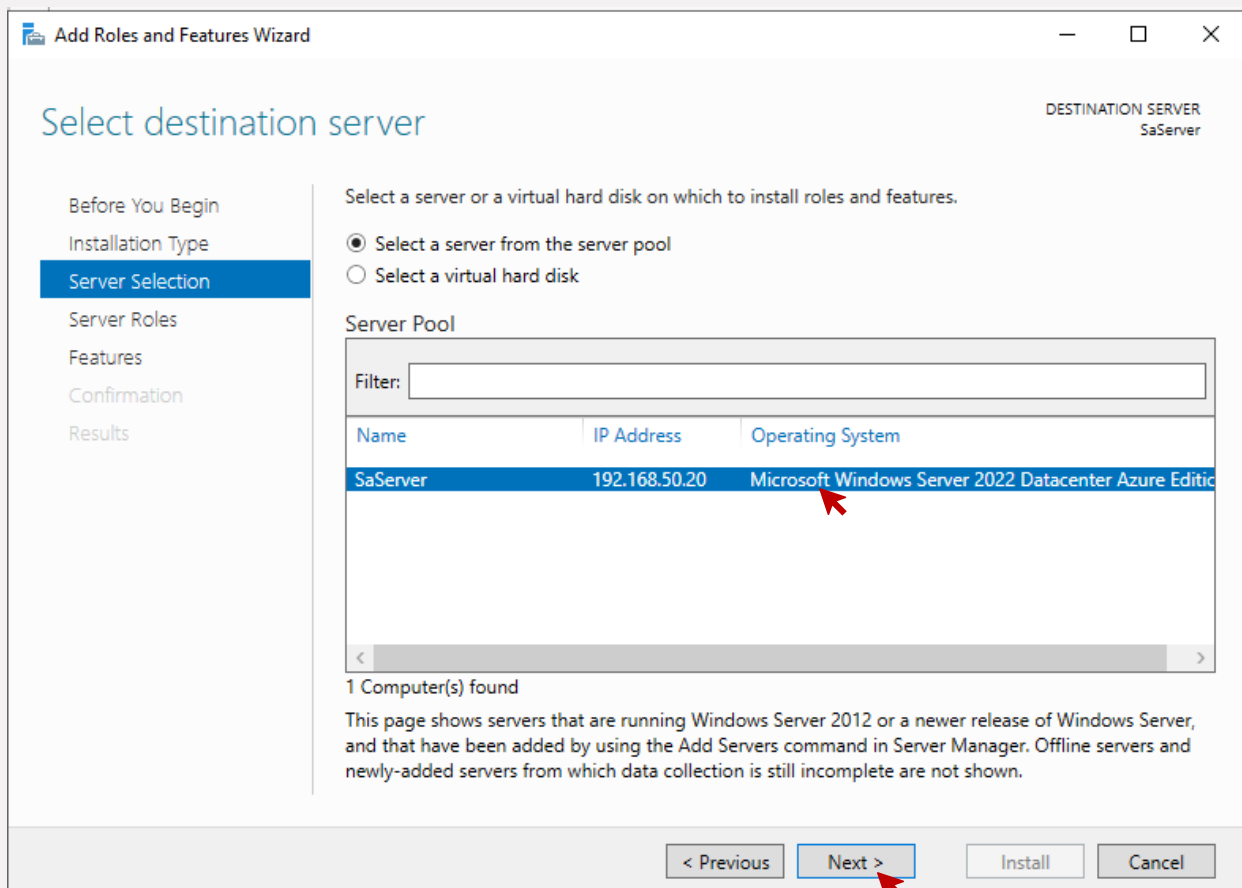
Computer name	SaServer	Last installed updates	Never
Workgroup	WORKGROUP	Windows Update	Download updates only, using Windows Update
		Last checked for updates	Never

Microsoft Defender Firewall	Public: On	Microsoft Defender Antivirus	Real-Time Protection: On
Remote management	Enabled	Feedback & Diagnostics	Settings
Remote Desktop	Disabled	IE Enhanced Security Configuration	On
NIC Teaming	Disabled	Time zone	(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
Ethernet	192.168.50.20	Product ID	Not activated

Operating system version	Microsoft Windows Server 2022 Datacenter Azure Edition	Processors	Intel(R) Core(TM) i7-1065G7 CPU @ 1.30GHz
Hardware information	innotek GmbH VirtualBox	Installed memory (RAM)	4 GB
		Total disk space	49.33 GB

EVENTS
All events | 39 total

Server Name	ID	Severity	Source	Log	Date and Time
SASERVER	8198	Error	Microsoft-Windows-Security-SPP	Application	06/06/2025 20:36:35
SASERVER	7030	Error	Microsoft-Windows-Service Control Manager	System	06/06/2025 20:36:26
SASERVER	10016	Warning	Microsoft-Windows-DistributedCOM	System	06/06/2025 20:36:17
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:34:19
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:34:19
SASERVER	10149	Warning	Microsoft-Windows-Windows Remote Management	System	06/06/2025 20:33:43
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:33:21



Add Roles and Features Wizard

Select destination server

DESTINATION SERVER: SaServer

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select a server or a virtual hard disk on which to install roles and features.

☒ Select a server from the server pool
☐ Select a virtual hard disk

Server Pool

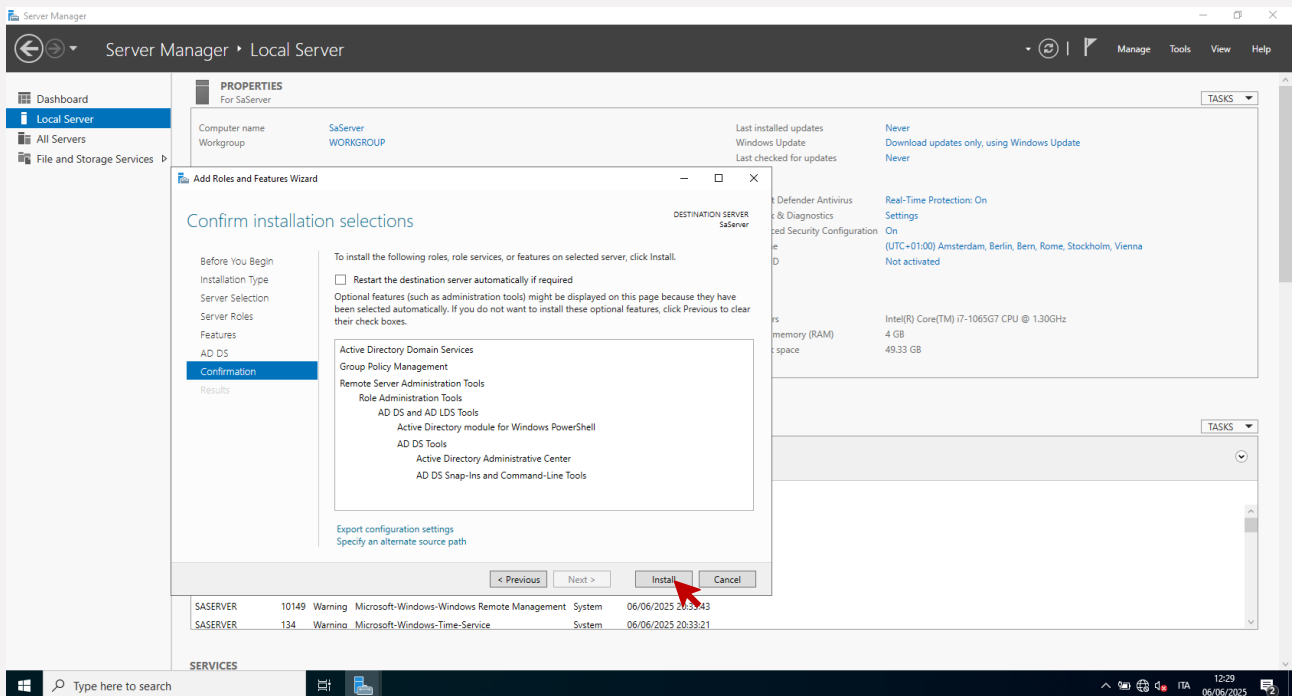
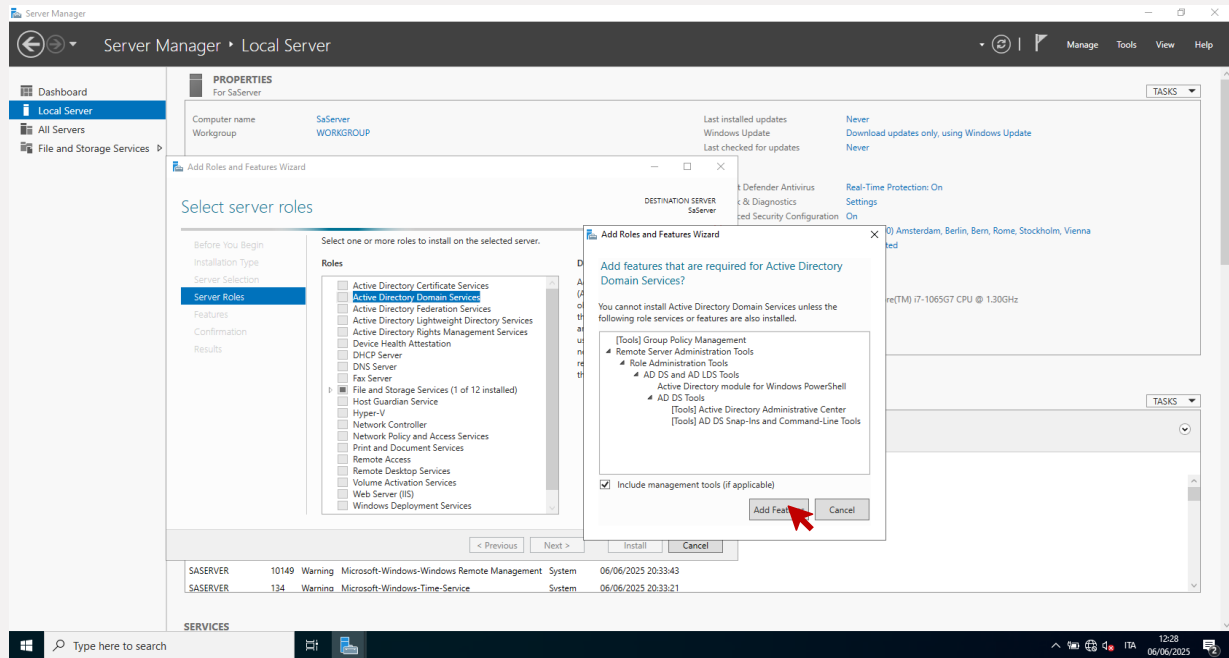
Name	IP Address	Operating System
SaServer	192.168.50.20	Microsoft Windows Server 2022 Datacenter Azure Edition

1 Computer(s) found

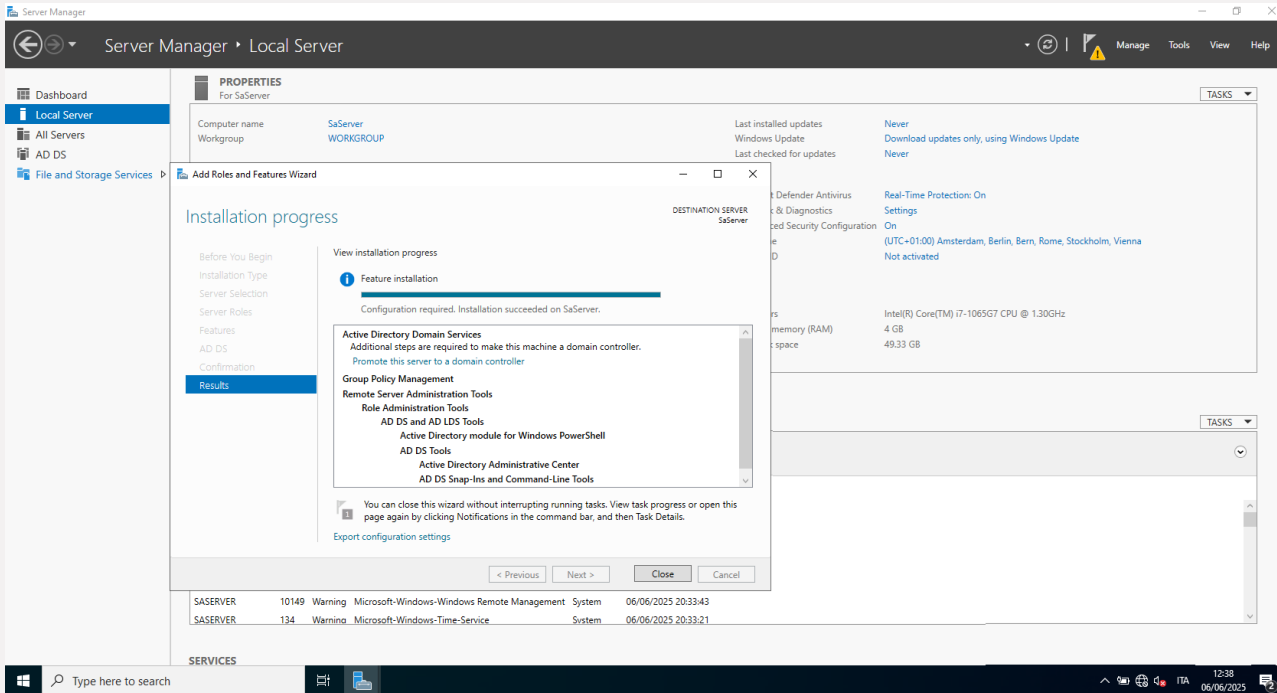
This page shows servers that are running Windows Server 2012 or a newer release of Windows Server, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.

Next >

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Soluzioni



Server Manager - Local Server

PROPERTIES For SaServer

Computer name: SaServer
Workgroup: WORKGROUP

Add Roles and Features Wizard

Installation progress

Before You Begin
Installation Type
Server Selection
Server Roles
Features
AD DS
Confirmation
Results

View installation progress

1 Feature installation
Configuration required. Installation succeeded on SaServer.

Active Directory Domain Services
Additional steps are required to make this machine a domain controller.
Promote this server to a domain controller

Group Policy Management
Remote Server Administration Tools
Role Administration Tools
AD DS and AD LDS Tools
Active Directory module for Windows PowerShell
AD DS Tools
Active Directory Administrative Center
AD DS Snap-Ins and Command-Line Tools

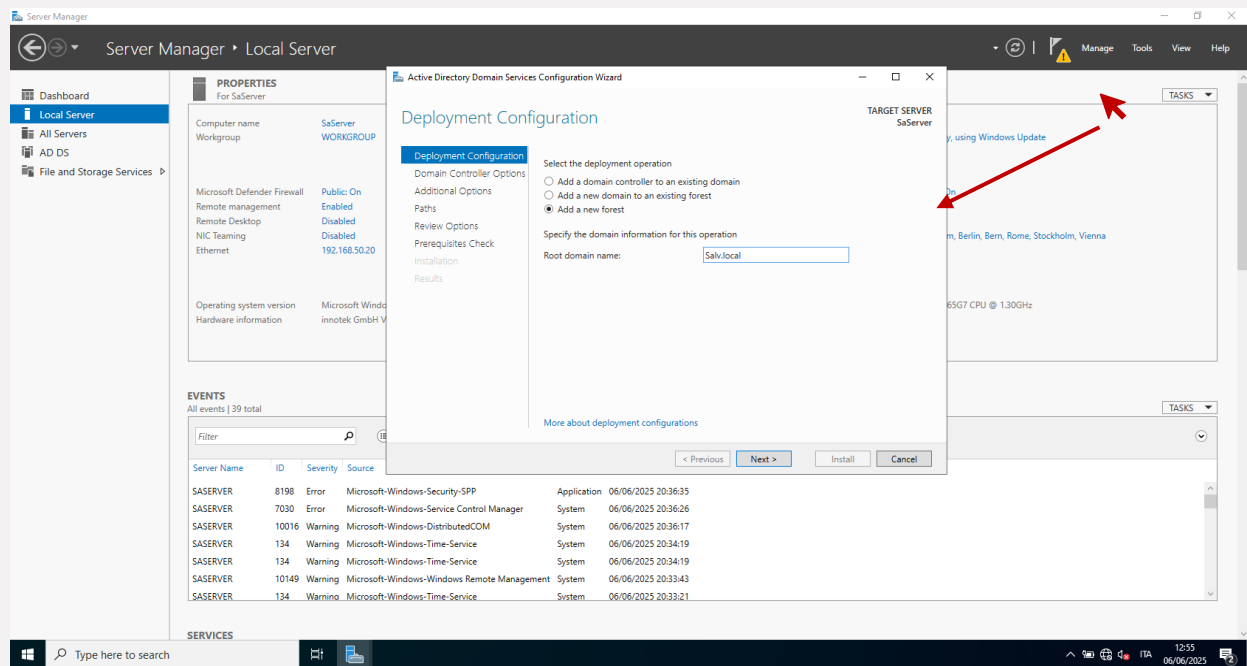
You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

Export configuration settings

< Previous Next > Close Cancel

SERVICES

Service Name	ID	Severity	Source	Application	Time
SASERVER	10149	Warning	Microsoft-Windows-Remote Management	System	06/06/2025 20:33:43
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:33:21



Server Manager - Local Server

PROPERTIES For SaServer

Computer name: SaServer
Workgroup: WORKGROUP

Active Directory Domain Services Configuration Wizard

Deployment Configuration

Domain Controller Options
Additional Options
Paths
Review Options
Prerequisites Check
Installation
Results

Select the deployment operation

☐ Add a domain controller to an existing domain
☐ Add a new domain to an existing forest
☒ Add a new forest

Specify the domain information for this operation

Root domain name:

More about deployment configurations

< Previous Next > Install Cancel

EVENTS

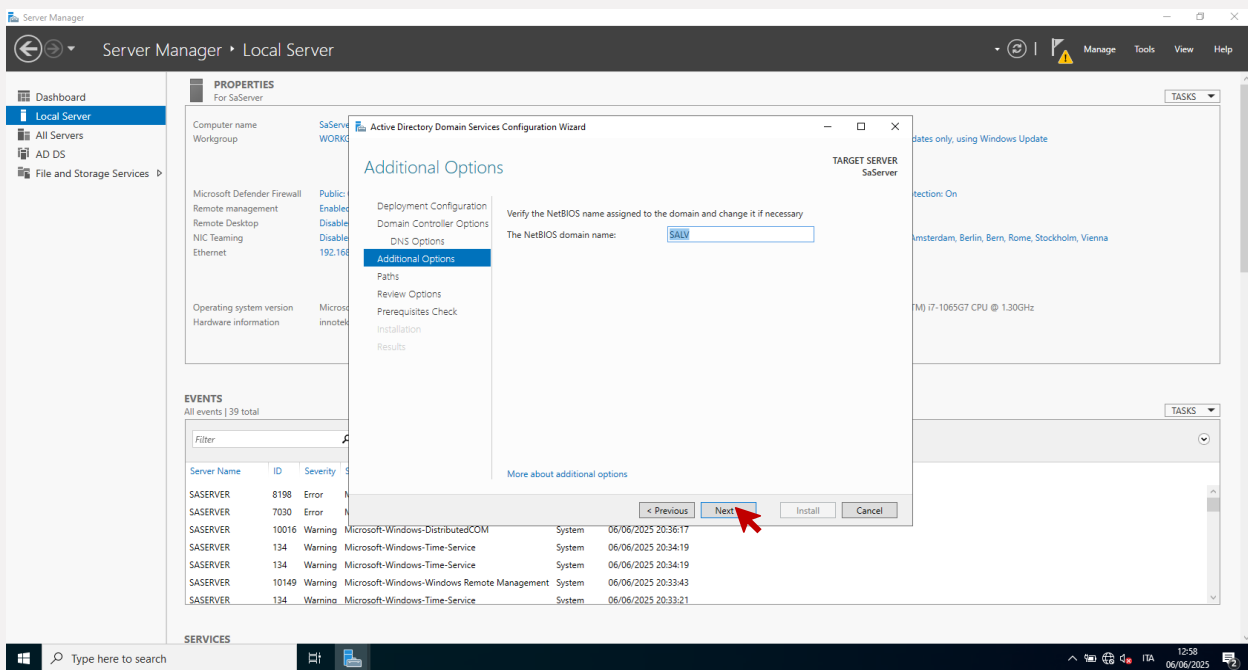
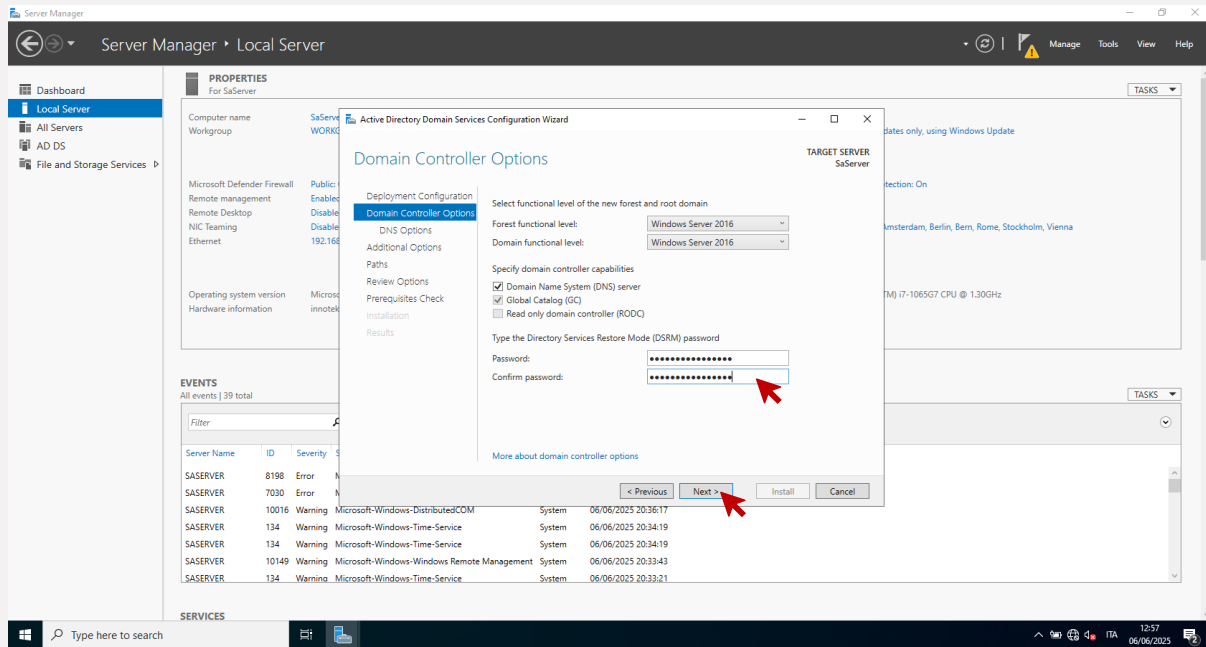
All events | 39 total

Filter

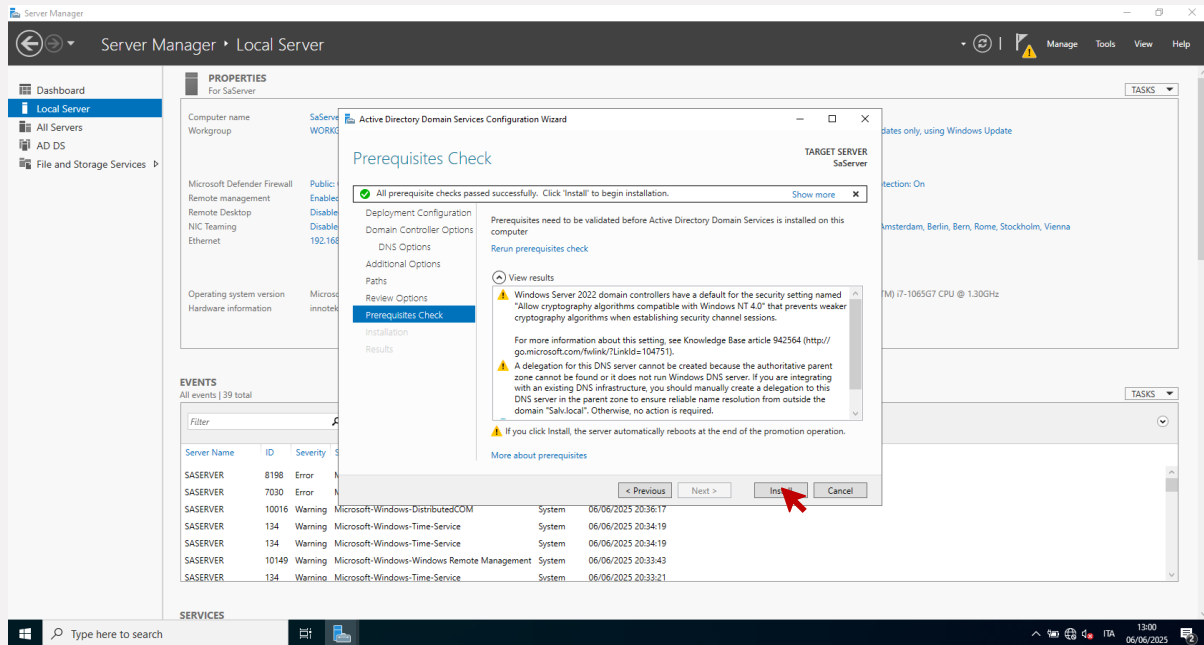
Server Name	ID	Severity	Source	Application	Time
SASERVER	8198	Error	Microsoft-Windows-Security-SP	Application	06/06/2025 20:36:35
SASERVER	7030	Error	Microsoft-Windows-Service Control Manager	System	06/06/2025 20:36:26
SASERVER	10016	Warning	Microsoft-Windows-DistributedCOM	System	06/06/2025 20:36:17
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:34:19
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:34:19
SASERVER	10149	Warning	Microsoft-Windows-Remote Management	System	06/06/2025 20:33:43
SASERVER	134	Warning	Microsoft-Windows-Time-Service	System	06/06/2025 20:33:21

SERVICES

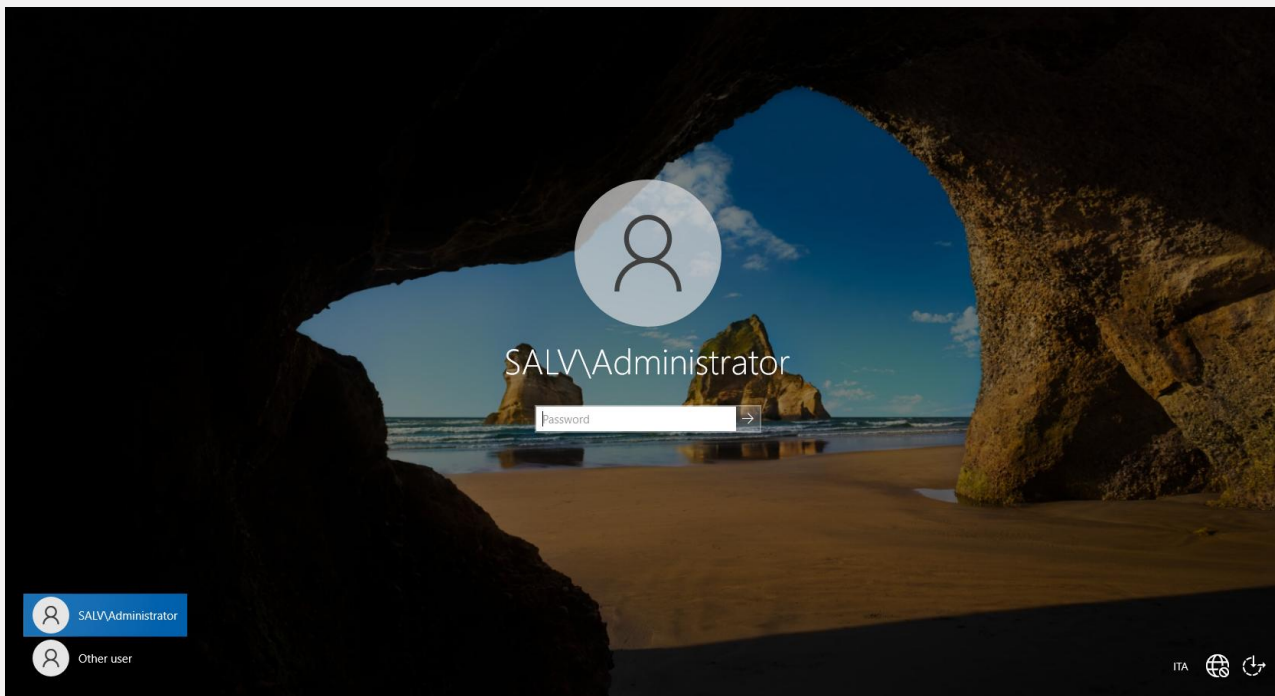
Sottoscriva



Salvatore Giffuni

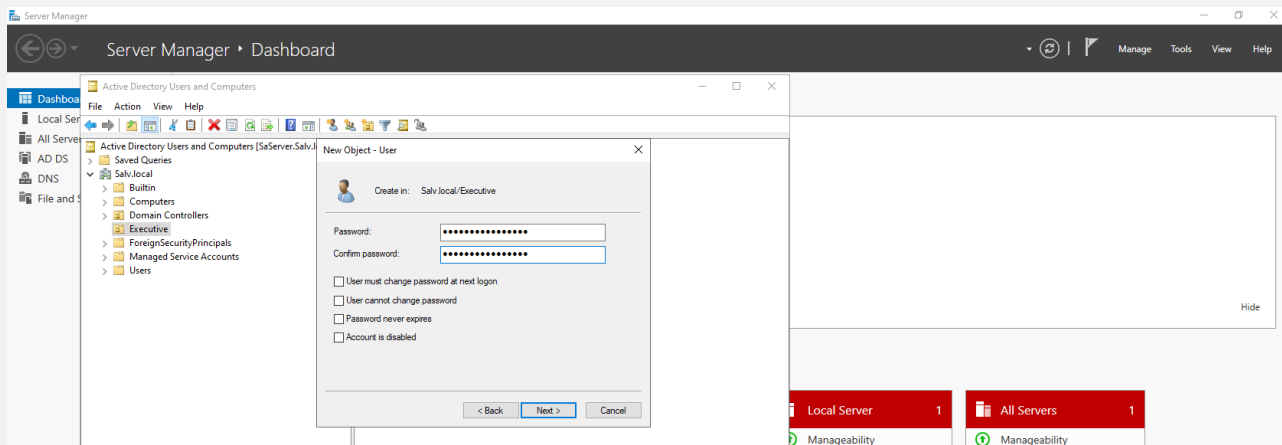


Riavviamo il server come richiesto ed effettuiamo l'accesso, questa volta con il dominio configurato.



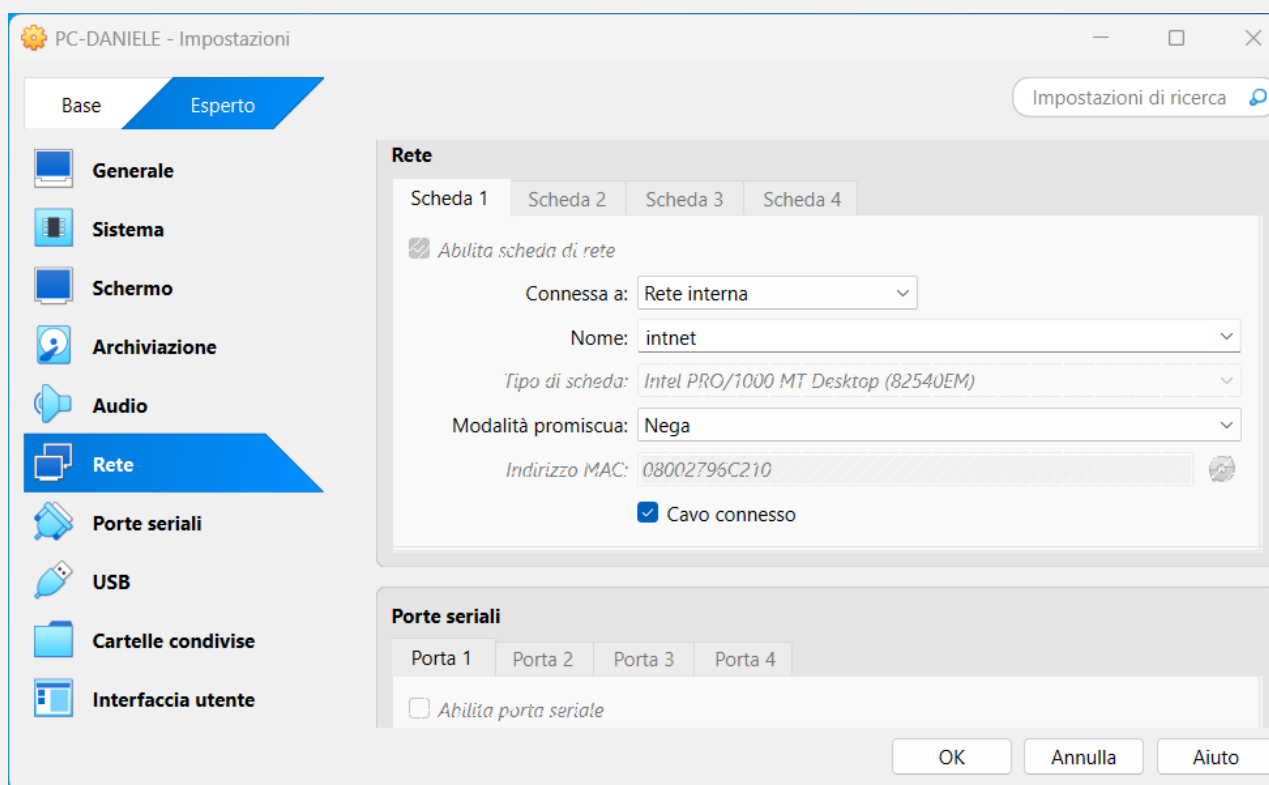
1.10 Creazione Utente Active Directory

Accedendo ad *Active Directory Users and Computers*, possiamo creare una **Organizational Unit** e all'interno un **User** che useremo per configurare una prima macchina client, facendo attenzione a deselezionare la voce **User must change password at next logon**.



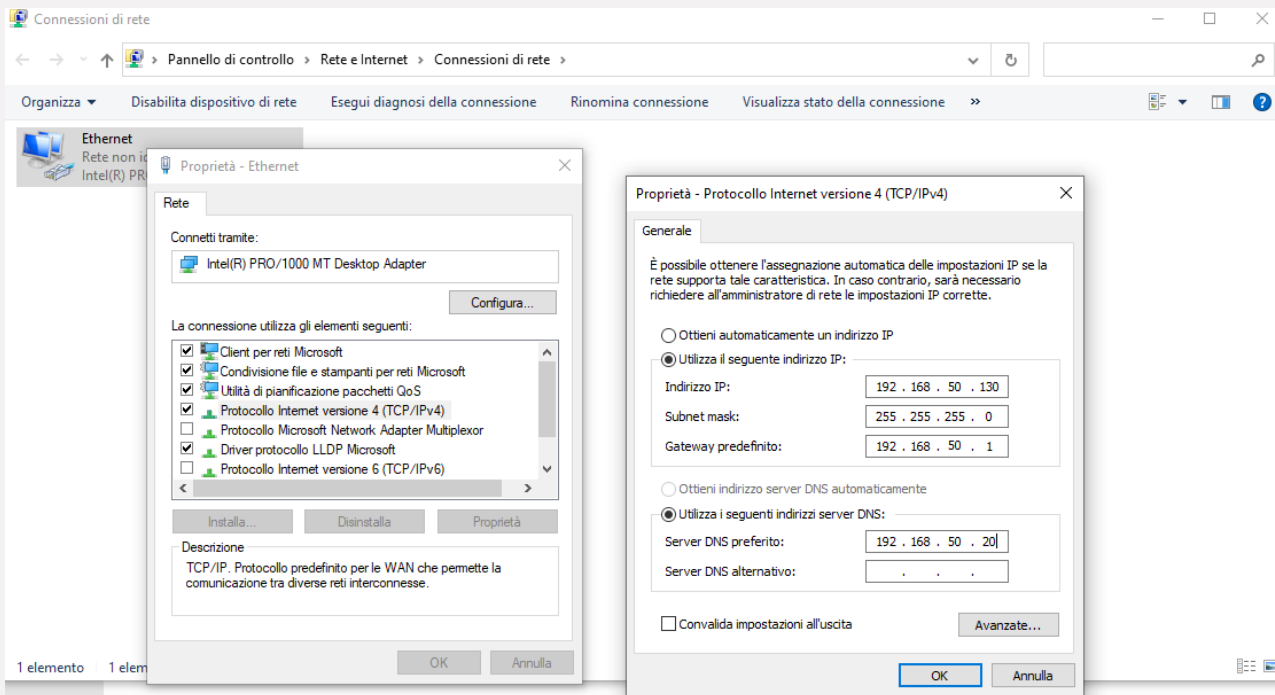
1.11 Configurazione macchina client

Sempre su VirtualBox accediamo ad una macchina Windows (in questo caso Windows 10) non prima di inserire la stessa macchina nella rete in cui è presente il server.

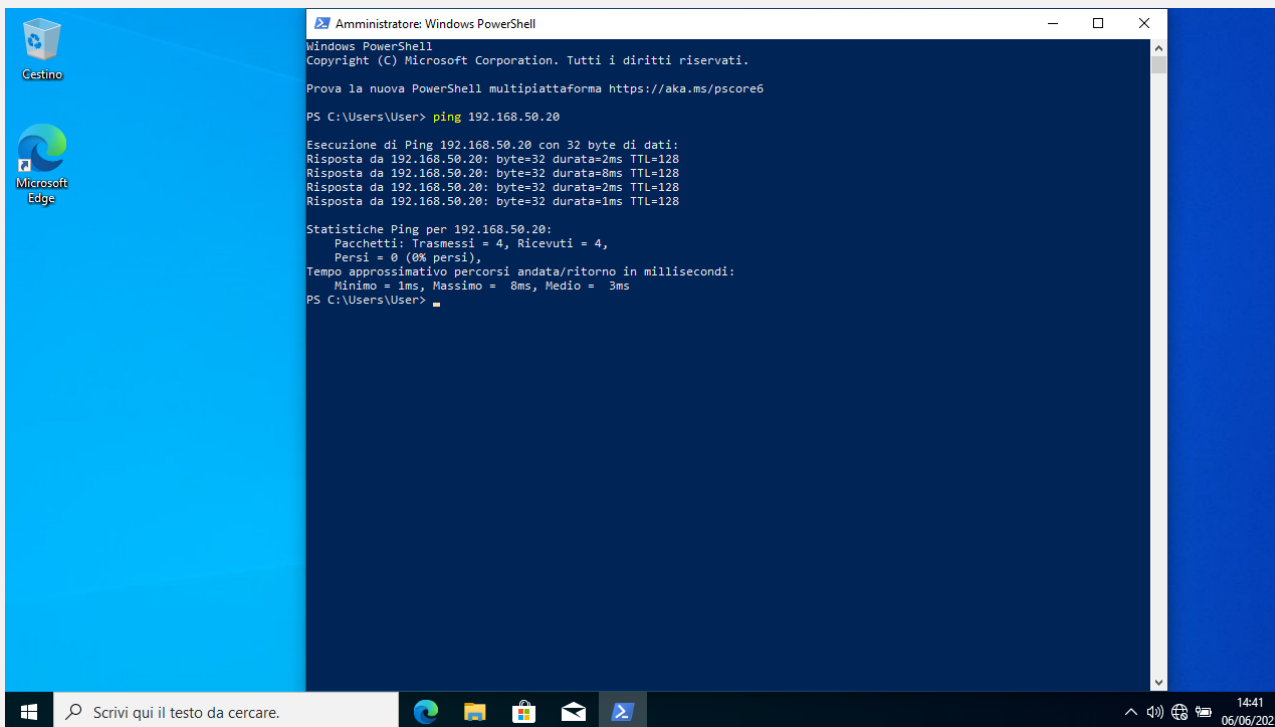


Sottoscriva

Fatto l'accesso alla macchina impostiamo un IP statico (per semplicità) e tutte le restanti configurazioni, facendo attenzione a inserire come Server DNS preferito l'IP del nostro server (nel nostro caso 192.168.50.20).

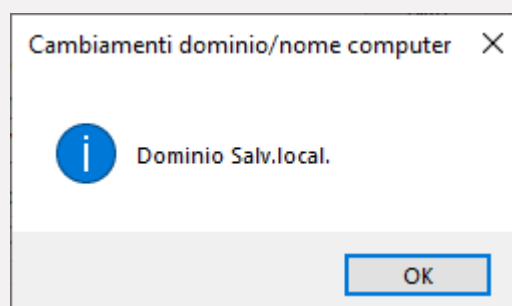
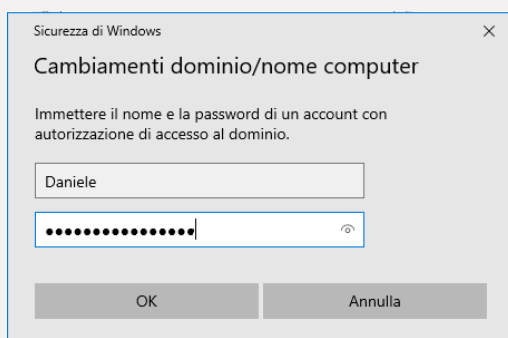
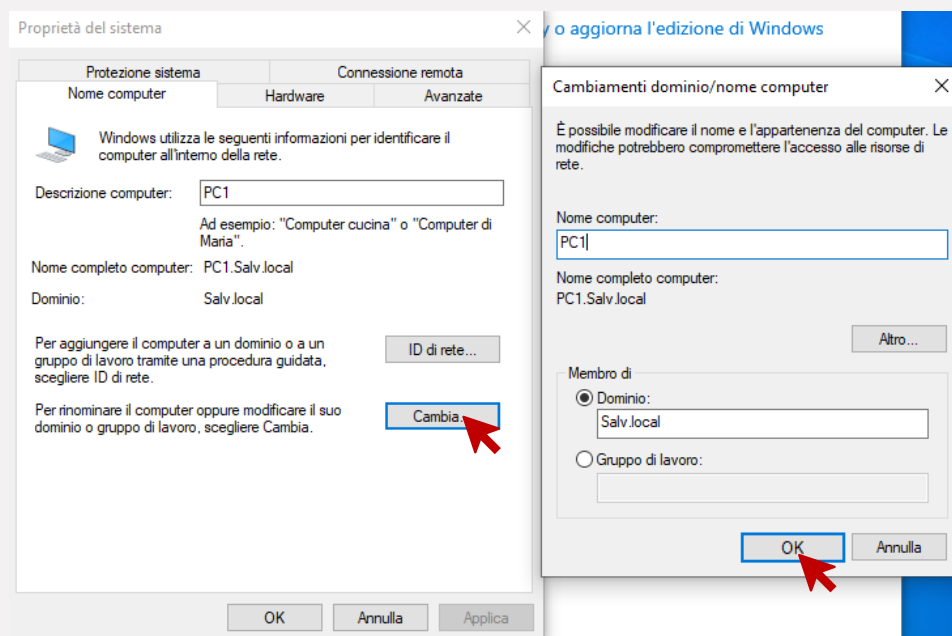
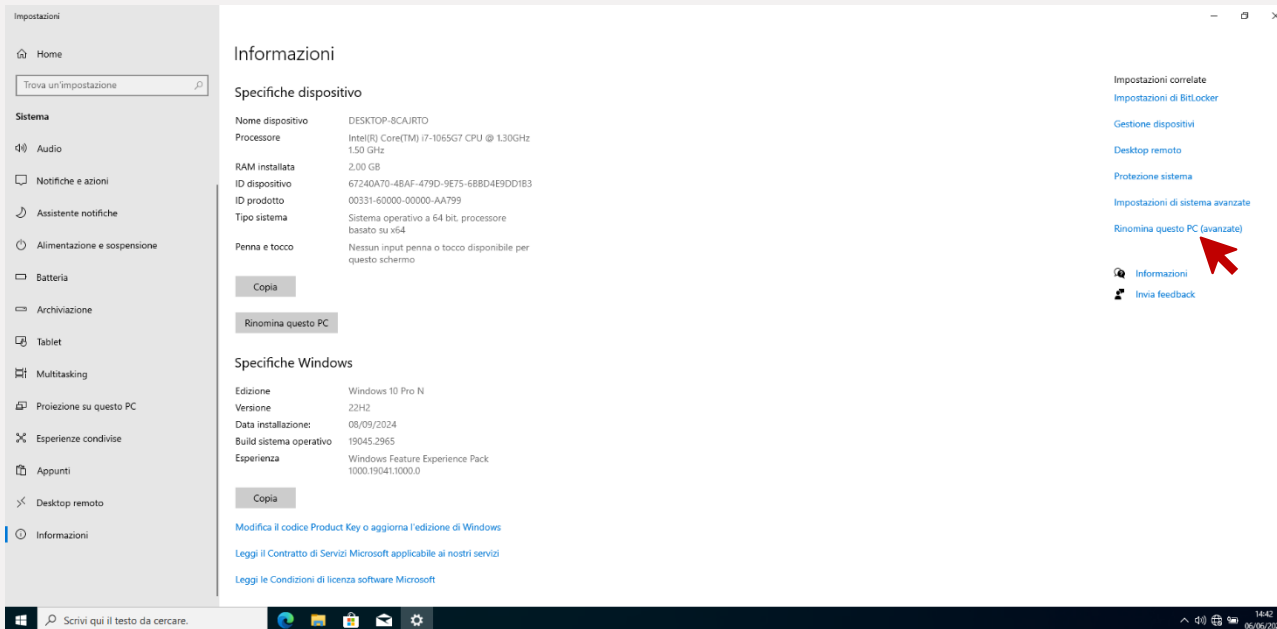


Effettuiamo un ping per verificare la connessione tra client e server.



Configuriamo le impostazioni di sistema.

Salvatore G. J.



Riavviamo la macchina e noteremo che è possibile verificare il corretto accesso al dominio dal client per concludere il test.

