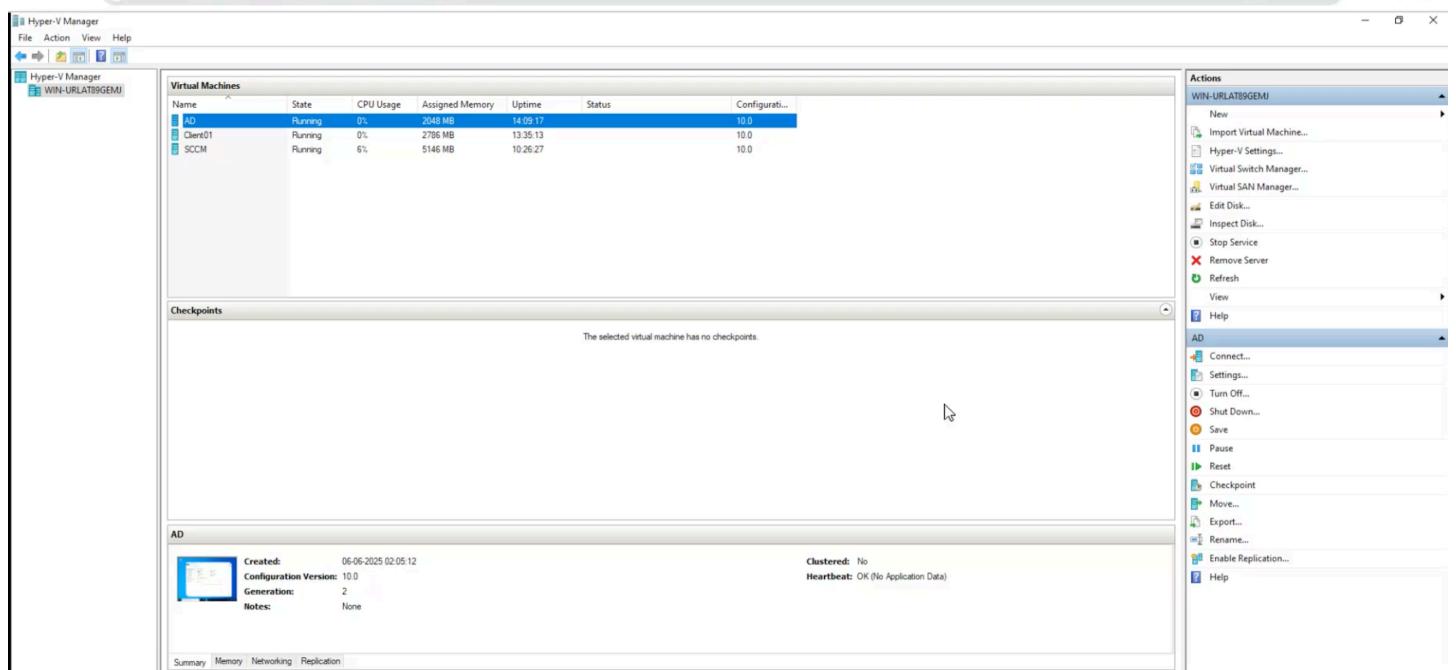


SCCM

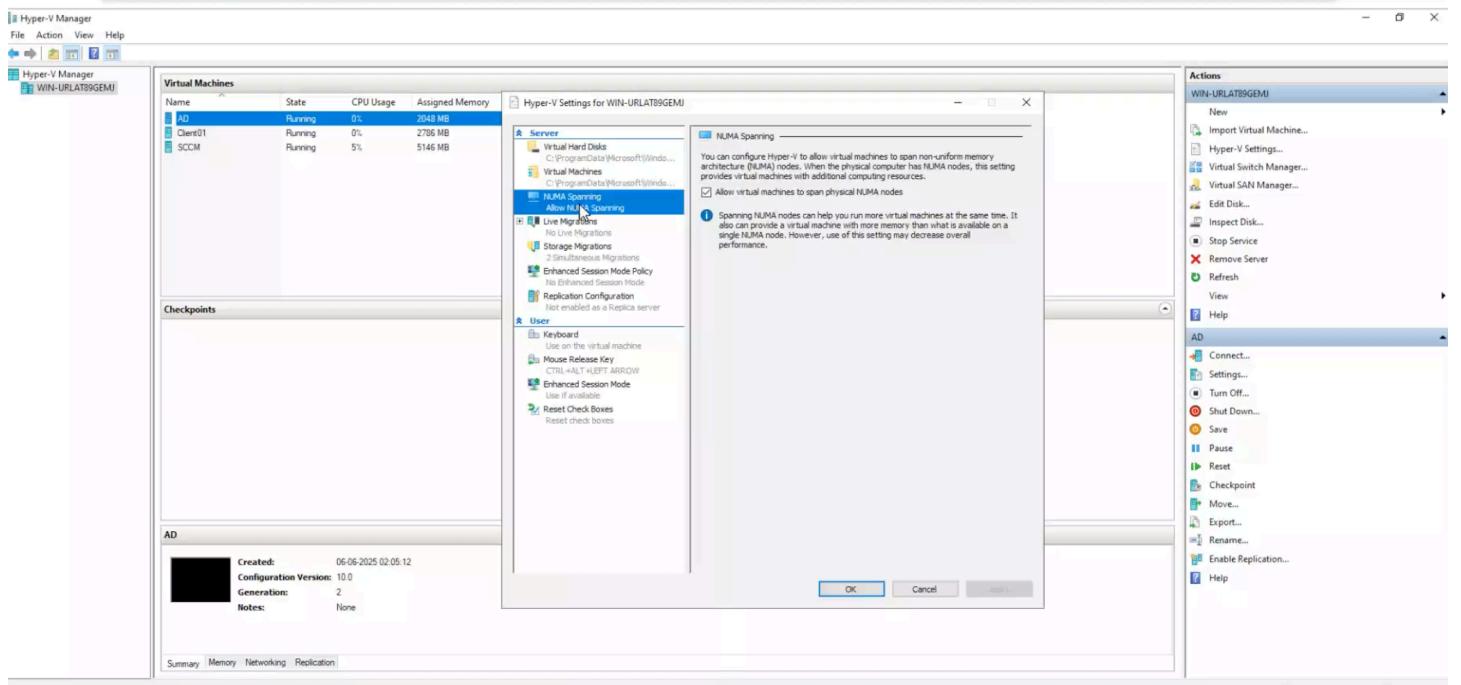
1.Hyper-V Dashboard :-

This displays the Hyper-V Manager showing an overview of three virtual machines: AD, Client01, and SCCM. It includes important details such as state, CPU usage, assigned memory, and uptime. This is typically used to monitor the status and resource usage of all VMs managed under the local Hyper-V server.



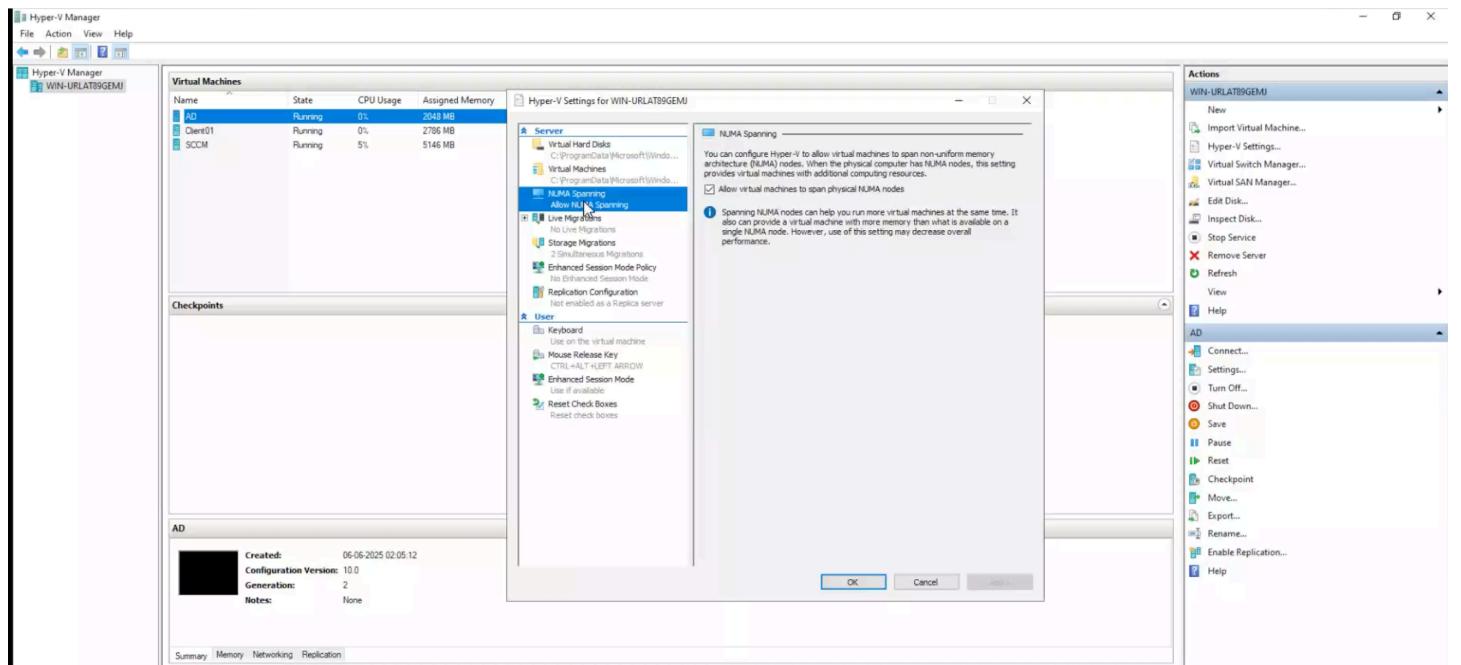
2.Hyper-V Virtual Disk Location:-

Here, the AD virtual machine is selected. Its configuration and metadata are shown at the bottom (e.g., generation, notes). It confirms the VM has no checkpoints and gives detailed insight into its setup, helping IT admins verify settings or troubleshoot.



3. Hyper-V Settings - NUMA Spanning Configuration

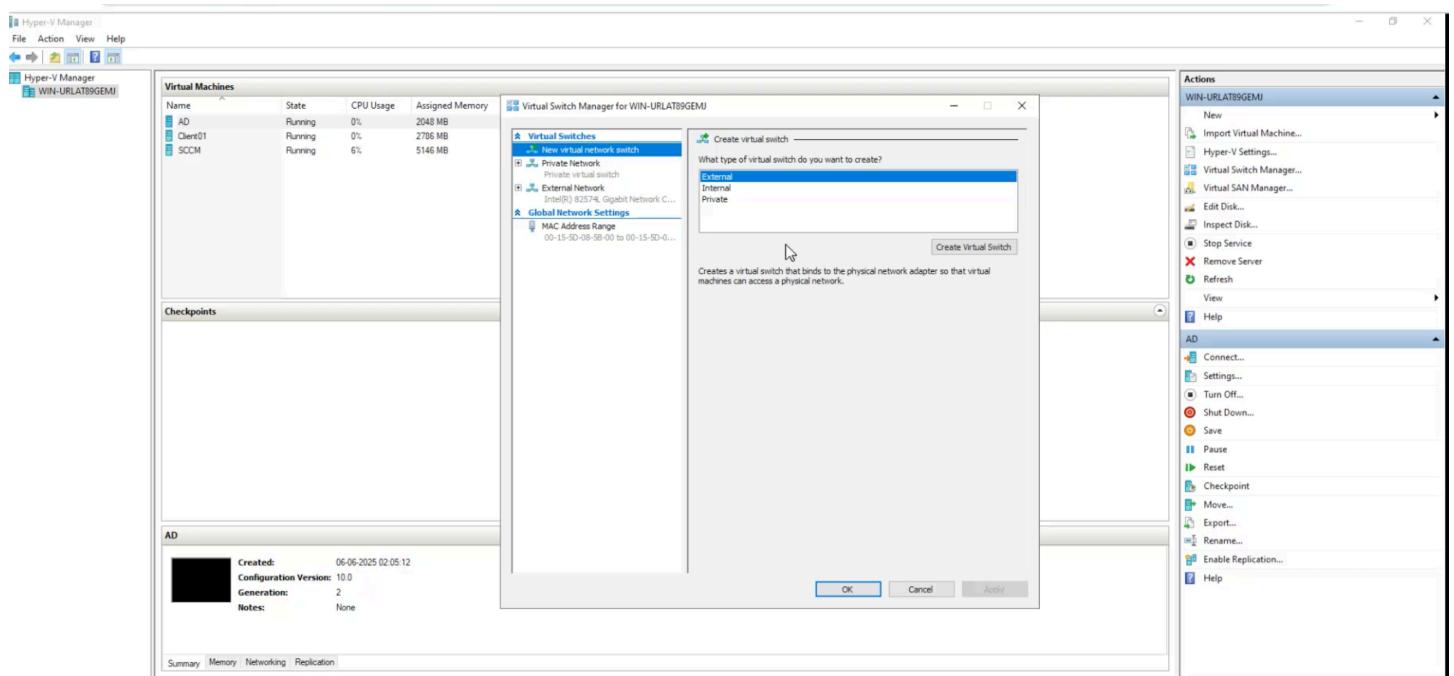
This Numa Spanning Configuration shows the settings for the host machine within Hyper-V, specifically highlighting **NUMA Spanning**. NUMA (Non-Uniform Memory Access) Spanning allows VMs to use memory across multiple NUMA nodes. This setting can impact VM performance, especially in multi-processor environments



4.Virtual Switch Manager - Hyper-V:-

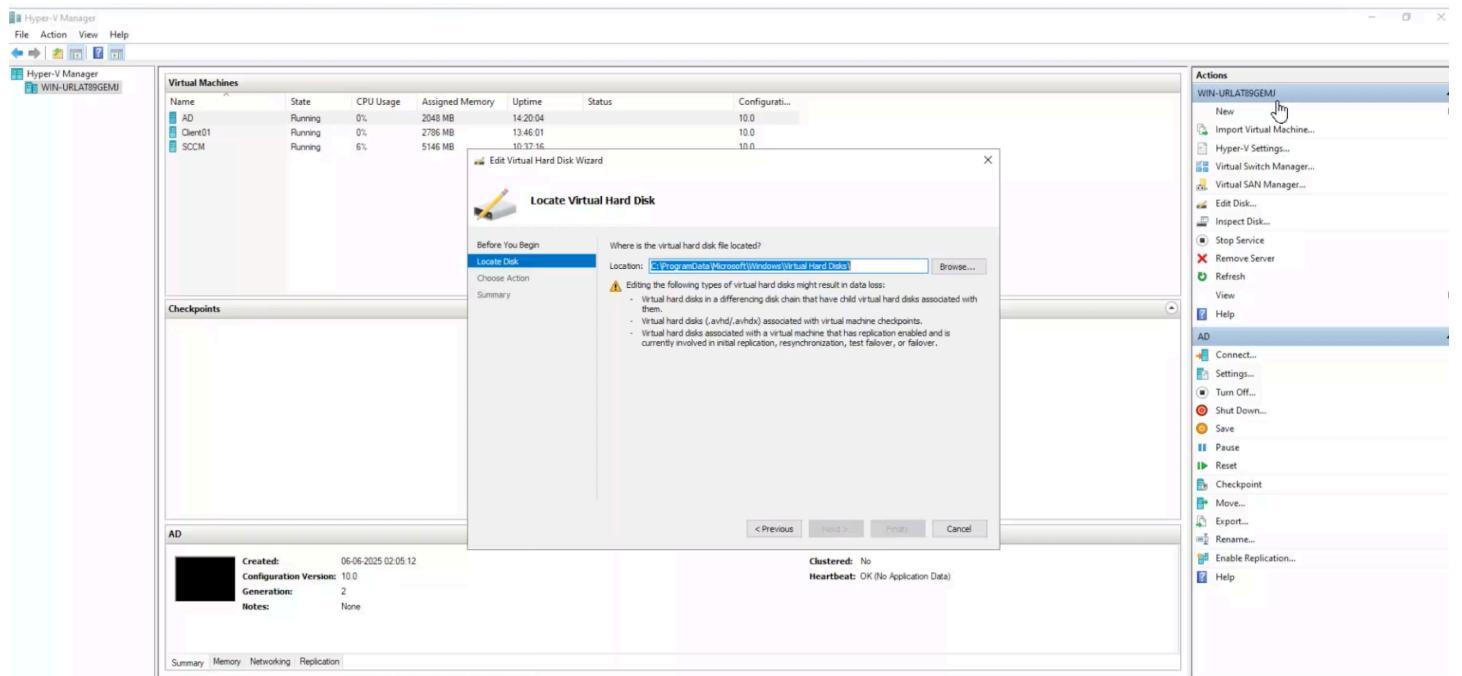
When you are setting up virtual network for your virtual machine it shows following options to create

- **External Network:** Connects VMs to a physical network.
- **Internal Network:** Connects VMs to each other and the host, but not to the external network.
- **Private Network:** Connects VMs only to each other.



5.Edit Virtual Hard Disk Wizard

This wizard is used to locate and edit the virtual hard disk (VHD) associated with a VM. It's often used when modifying storage configurations or migrating VHDs. This screen indicates the step to locate the disk file.



6. Dashboard of SCCM Console Ann All System option shows number of connected device to it.

This is the SCCM Console (System Center Configuration Manager), showing all the devices (clients, unknown computers, provisioning devices). It helps manage deployment, software updates, and client configurations across an organization's network.

The screenshot shows the Microsoft Configuration Manager (SCCM) interface. The top navigation bar includes Home, Collection, Close, All Workspaces, and Search. Below the navigation bar is a toolbar with various icons for tasks like Add Selected Collection, Install Client, Run Script, Start CMPIpivot, Manage Affinity Requests, Clear Required PXE Deployments, Add Resources, Copy, Deploy, View Relationships, and Properties.

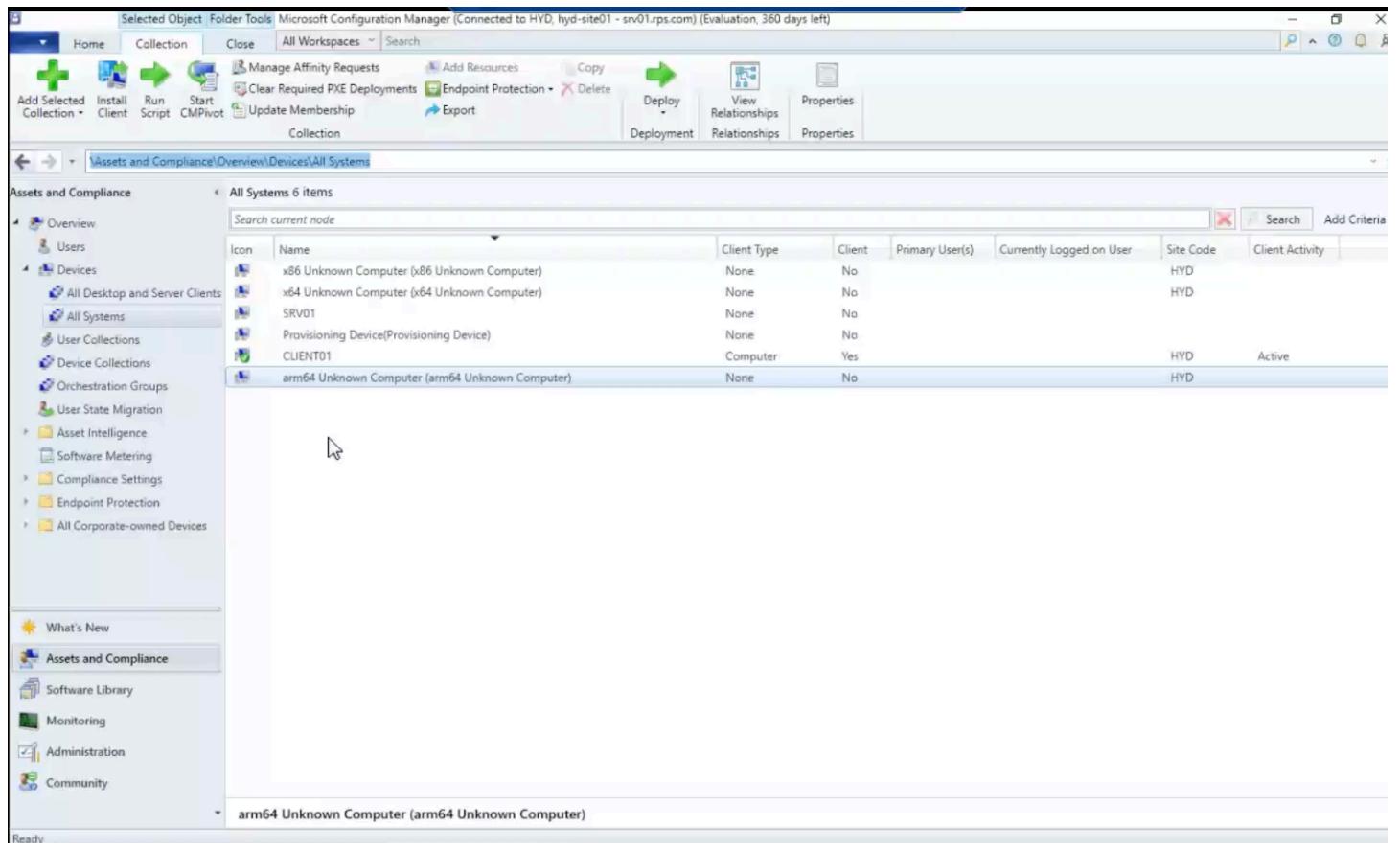
The main pane displays the 'Assets and Compliance' section under 'Devices'. A tree view on the left shows categories like Overview, Users, Devices, All Desktop and Server Clients, All Systems (which is selected), User Collections, Device Collections, Orchestration Groups, User State Migration, Asset Intelligence, Software Metering, Compliance Settings, Endpoint Protection, and All Corporate-owned Devices. A 'What's New' section is also present.

The right pane shows a table titled 'All Systems 6 items' with the following data:

Icon	Name	Client Type	Client	Primary User(s)	Currently Logged on User	Site Code	Client Activity
ARM	arm64 Unknown Computer (arm...	None	No			HYD	
COMPUTER	CLIENT01	Computer	Yes			HYD	
PROVISIONING	Provisioning Device(Provisioning...	None	No				
COMPUTER	SRV01	None	No				
ARM	x64 Unknown Computer (x64 Un...	None	No			HYD	
COMPUTER	x86 Unknown Computer (x86 Un...	None	No			HYD	

SCCM Devices List

It Shows complete list of all managed computers. Also it provides essential information like computers name its OS and if the management software is active



7.Compliance Setting and ASSEST Intelligence

This image shows the Microsoft Configuration Manager (SCCM) console, specifically within the “Assets and Compliance” workspace under “All Systems.” The main panel displays a list of devices including unknown computers (x86, x64, arm64), a provisioning device, and named clients like “SRV01” and “CLIENT01.” It shows client type, site code (HYD), and client activity status. The interface includes options for managing deployments, resources, and client actions from the toolbar above.

Microsoft Configuration Manager (Connected to HYD, hyd-site01 - sv01.rps.com) (Evaluation, 360 days left)

Search All Workspaces Search

All Objects Saved Searches Search Settings Save Current Search Save Current Search As Close

Scope Options Save Active Search

Assets and Compliance Overview Compliance Settings

Compliance Settings

Navigation Index

Configuration Items: Manage configuration items that contain settings for computers or mobile devices. You can create your own configuration items or download them from a software vendor.

User Data and Profiles: Manage user settings for folder redirection, offline files and roaming profiles.

Remote Connection Profiles: Use remote connection profiles to enable users to remotely connect to work computers from outside the domain, or over the Internet.

Conditional Access: Manage conditional access to company resources.

Windows Edition Upgrade: Use Windows Edition Upgrade to specify product key or license information to upgrade Windows to a different edition and unlock additional features.

Configuration Baselines: Manage the configuration baselines that contain the configuration items that you want to deploy to a collection for compliance evaluation. You can create your own configuration baselines or download them from a software vendor.

OneDrive for Business Profiles: Create and manage OneDrive for Business profiles that can be used to configure OneDrive for Business settings for Windows clients.

Compliance Policies: Create and manage compliance policies that can be used in conjunction with conditional access.

Terms and Conditions: Create and manage custom terms and conditions that users must accept before they can access the Company Portal.

Microsoft Edge Browser Profiles: Manage Microsoft Edge browser settings on Windows 10 devices.

Recent Alerts (0) - Last updated: 6/6/2025 9:45:35 PM

Microsoft Configuration Manager (Connected to HYD, hyd-site01 - sv01.rps.com) (Evaluation, 360 days left)

Home Search All Workspaces Search

Import Software Licenses Synchronize Create Edit Inventory Classes Enable or Disable Asset Intelligence Synchronization Point Asset Intelligence

Assets and Compliance Overview Asset Intelligence

Asset Intelligence

Catalog Synchronization

- Asset Intelligence component: Enabled
- Asset Intelligence synchronization point status: Not installed
- Synchronization schedule: Not Applicable
- Software licenses imported: Not Imported

Last Successful Update: Next Scheduled Update: Changes to categories or families: 0 Changes to software titles: 0

Inventoried Software Status

The following data enumerates assets detected in your environment. The table describes the assets in absolute numbers and the chart represents that information in percentage.

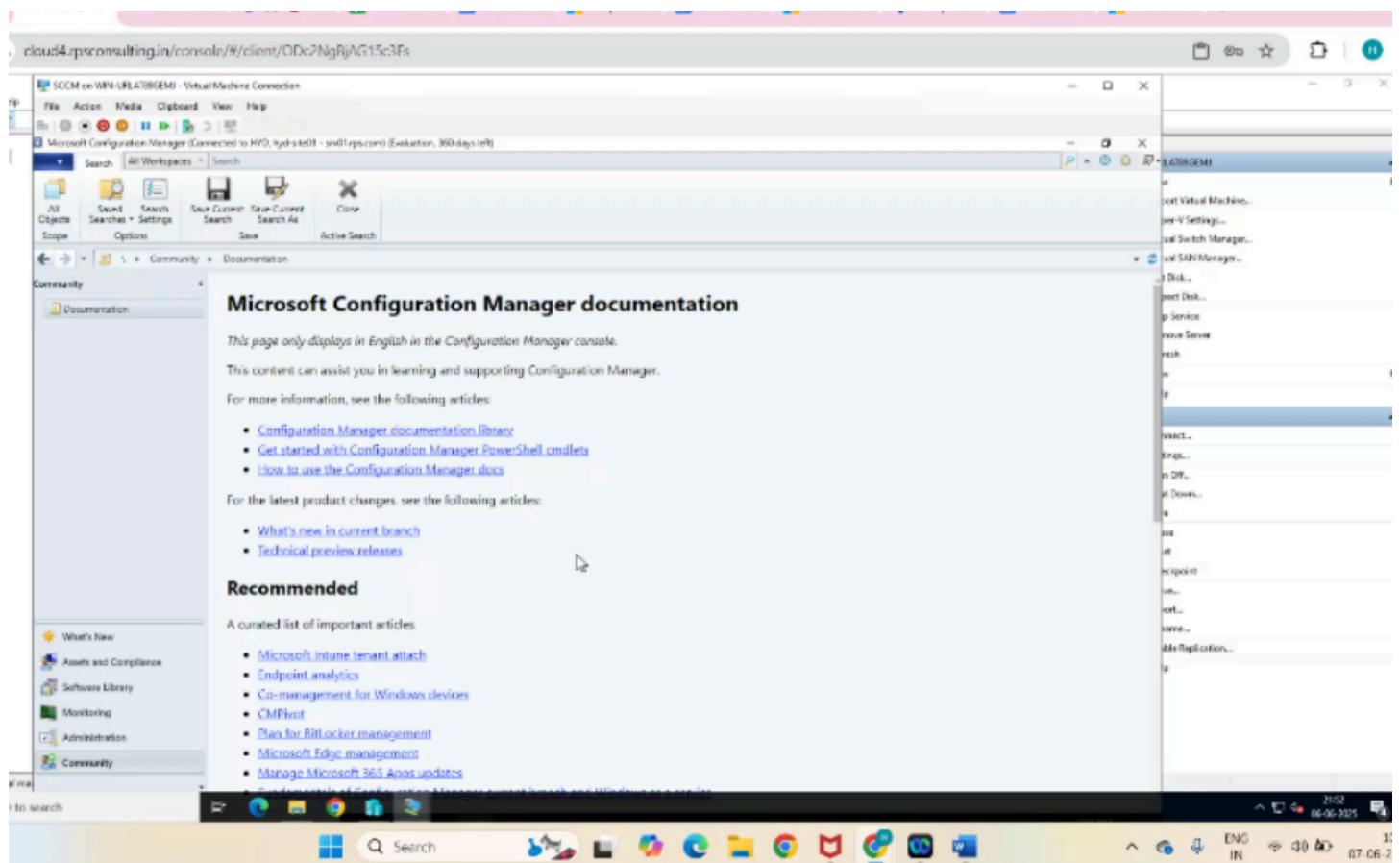
	Identified by Microsoft	Identified by administrator	Pending online identification	Unidentified and not pending
Inventoried Software	0	0	0	0
Software Categories	99	0	Not Applicable	Not Applicable
Software Families	21	0	Not Applicable	Not Applicable

Identification by percent (%)

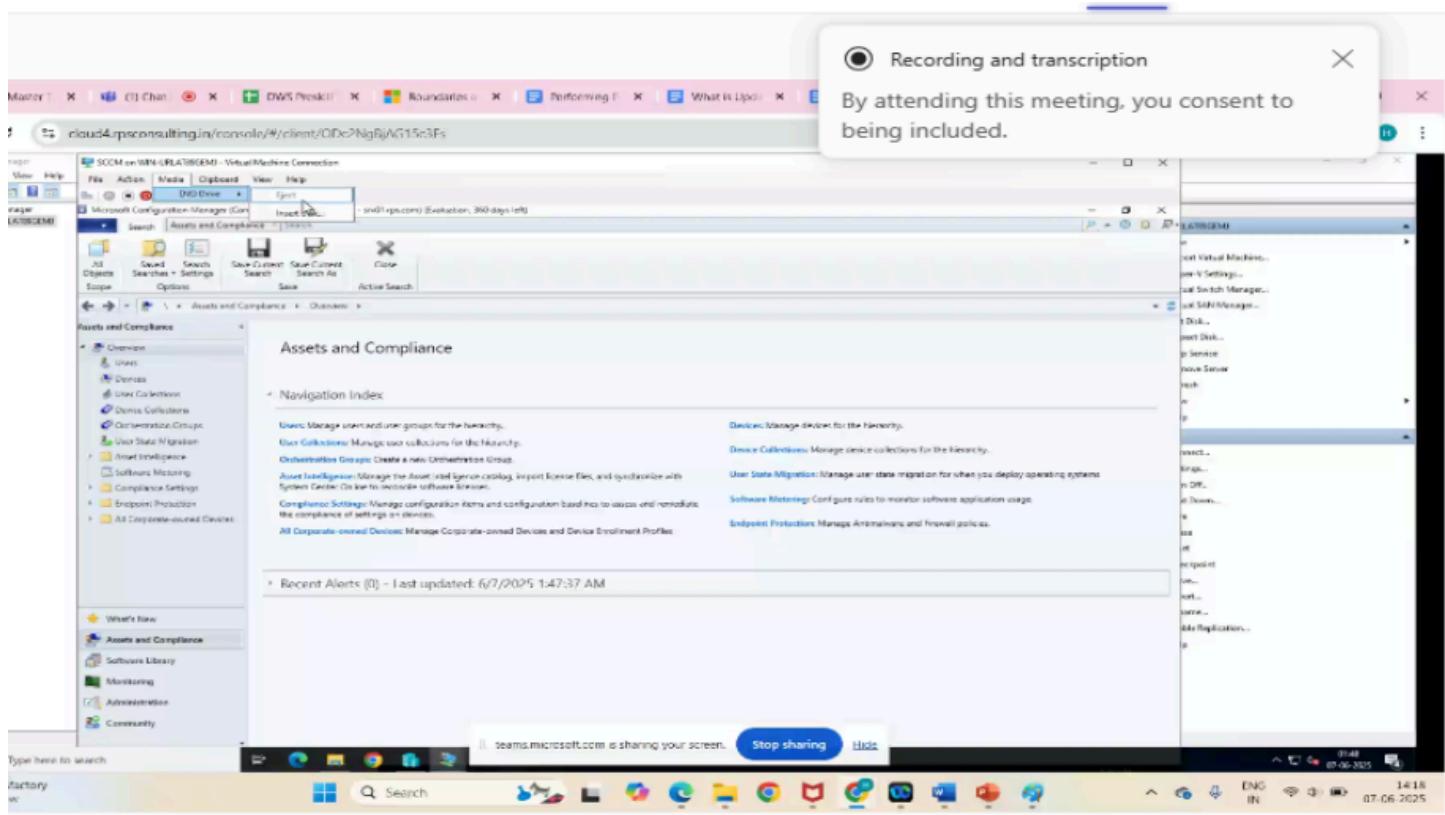
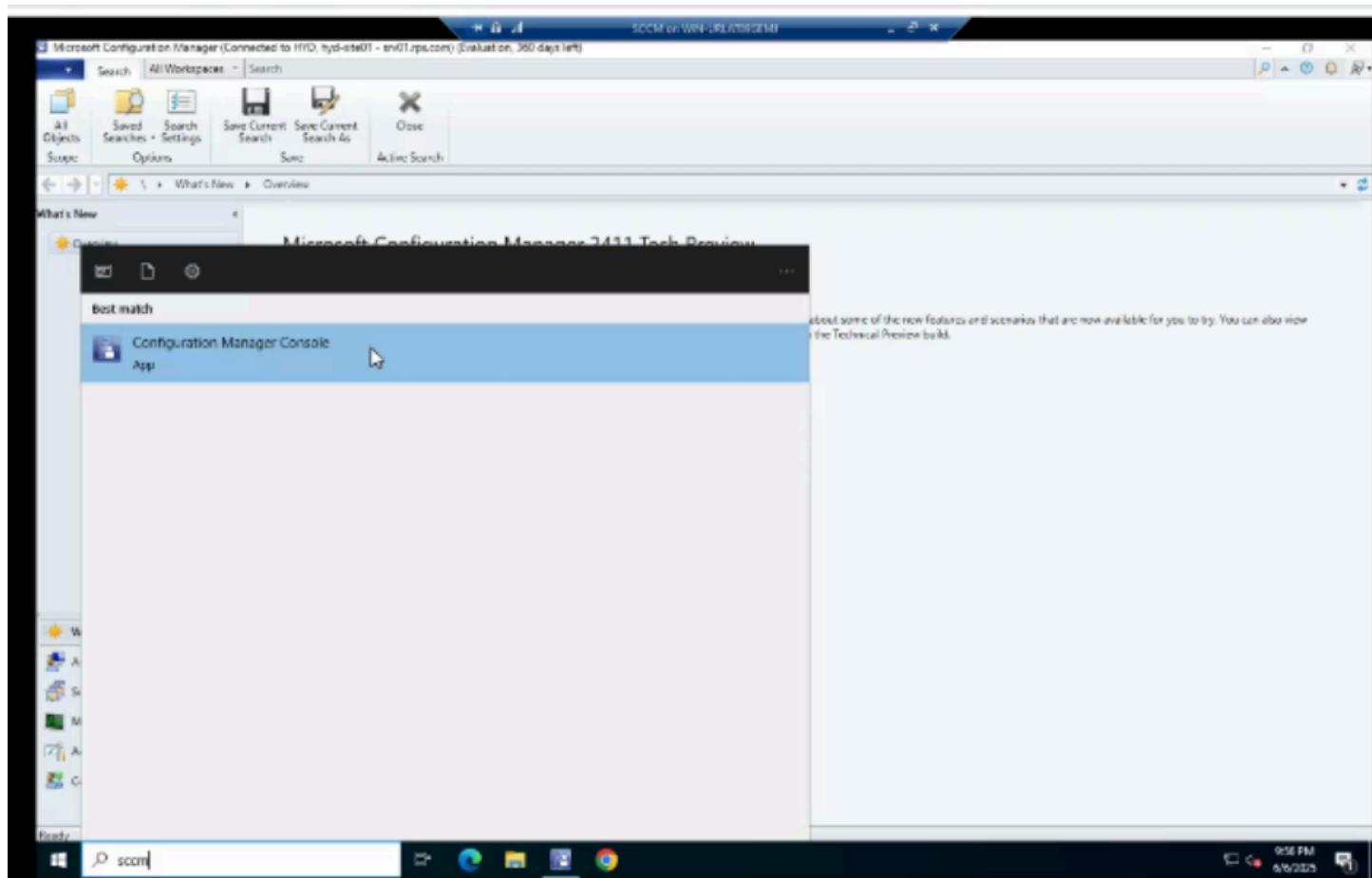
Legend: Identified by Microsoft, Pending online identification, Identified by administrator, Unidentified and not pending

9: Microsoft Configuration Manager

In the community tab you can view the Microsoft Configuration Manager Documentation. It is a powerful **systems management tool** used by IT teams to manage **large configure sections** across an organization.



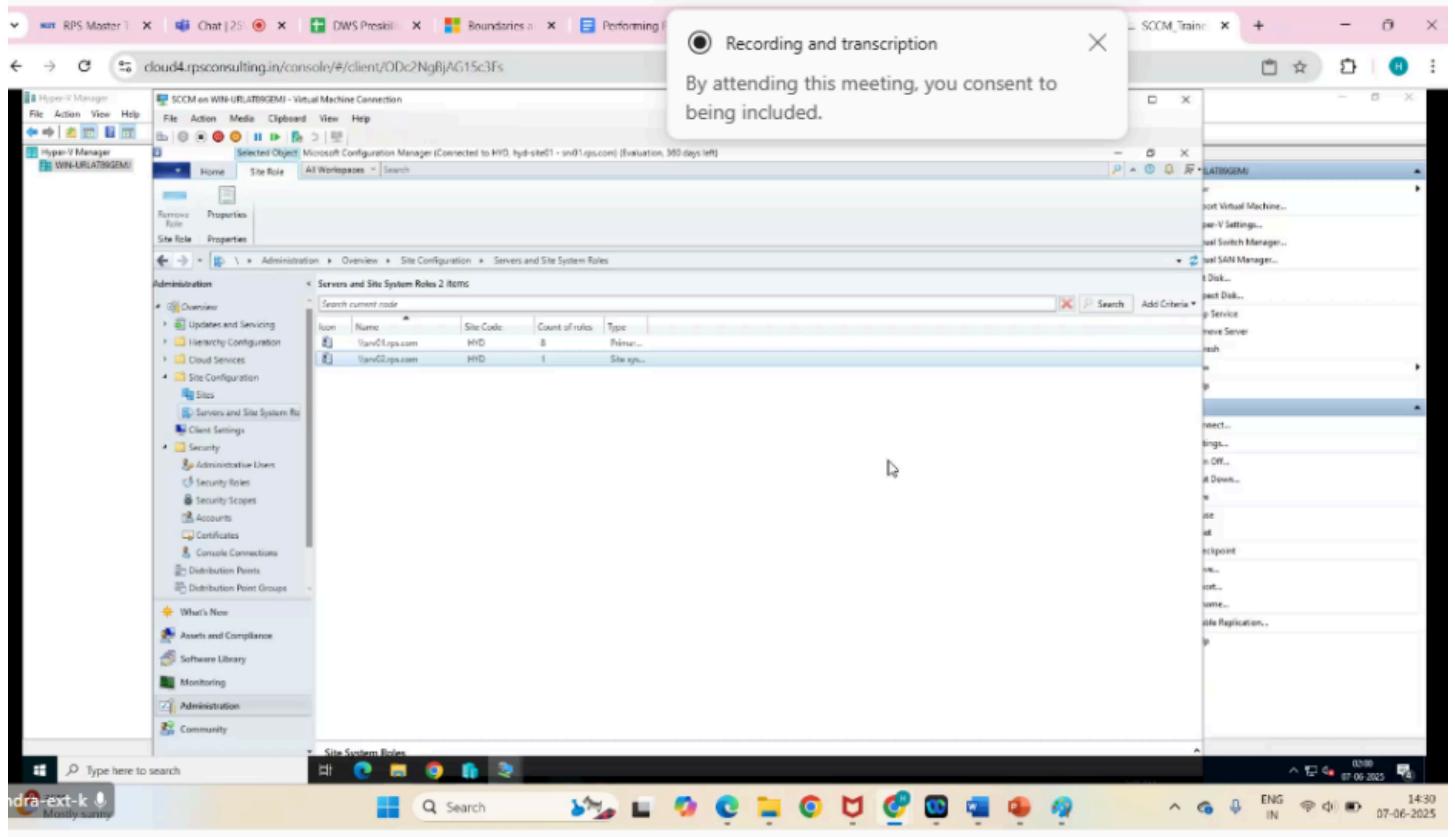
You can check the Configuration Manager console as shown in the below image



Microsoft Configuration Manager (SCCM) deployment involves three main phases: planning, deployment, and post-deployment.

- In the **planning phase**, organizations assess their environment, define requirements, and design the SCCM infrastructure to ensure smooth implementation.

- The **deployment phase** includes installing and configuring SCCM components, deploying clients, creating collections, and pushing software, updates, and compliance policies.
- Finally, the **post-deployment phase** focuses on ongoing monitoring, maintenance, troubleshooting, and optimizing the SCCM environment to keep devices secure and up to date.



Boundaries in Configuration Manager

define network locations on your intranet.

Each boundary group can contain any combination of the following:

- IP subnet
- Active Directory Site name
- IPv6 prefix
- IP address range
- VPN (version 2006)

Configuring boundaries and boundary groups:

Boundaries: Define network locations of areas containing managed devices

Boundary Groups: Organizing boundary to group to provide a logical grouping of network locations.

Site system role: To define which roles clients can use.

Fallback Behavior: Allows client to use alternative site system roles.

Installing site system:

- Site system roles: They perform various tasks eg: Distribution points and management points
- Installation: Install necessary roles on designated servers using Configuration manager.
- Configuration: Configure the settings for each site system role.
- Monitoring: Monitor the installed site system roles to ensure they are functioning well.