

What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management



What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management? I hope you already heard about the SCCM cloud attach (wait, MECM Cloud Attach) many times before.

Let me tell you cloud attach is a bit different now! All the details are taken from Jason Githens & Rob York's session in MS Ignite 2019. More information about the Ignite session is below.

Co-management is the bridge between **traditional management** and **modern management**. Microsoft renamed the [co-management node in the SCCM admin console to Cloud Attach](#).



Windows 10 or Windows 11 **co-management** is **dual management (with SCCM and Intune) capability** available with Windows 10 1709 version (Fall Creators Update) and later.

- Co managed device = SCCM agent + Intune enrolled
- Tenant attach device = SCCM agent synced to MEM (Not Intune enrolled)

Related Post

Introduction

Yes, you are correct! SCCM cloud attach is not new here. Microsoft mentioned the SCCM cloud attached features in the [last MS Ignite](#). The following   was the offering from Microsoft.

Management Powered by the M365 Cloud

| | On-premise | Cloud attached | Cloud only |
|---|------------|----------------|------------|
| Traditional OS Deployment | ✓ | ✓ | |
| Win32 app management | ✓ | ✓ | ✓ |
| Configuration and GPO | ✓ | ✓ | ✓ |
| Bitlocker Management | ✓ | ✓ | ✓ |
| Hardware and software inventory | ✓ | ✓ | ✓ |
| Update management | ✓ | ✓ | ✓ |
| Unified Endpoint Management – Windows, iOS, macOS, Android | | ✓ | ✓ |
| Modern access control – Compliance, Conditional Access | | ✓ | ✓ |
| Modern provisioning – Autopilot, DEP, Zero Touch, KME | | ✓ | ✓ |
| Modern security – Hello, Attestation, ATP, Secure Score | | ✓ | ✓ |
| Modern policy – Security Baselines, Guided Deployments | | ✓ | ✓ |
| Modern app management – O365 Pro Plus, Stores, SaaS, VPP | | ✓ | ✓ |
| Full M365 integration – Analytics, Graph, Console, RBAC, Audit | | ✓ | ✓ |

Last Year MS Ignite (2018) Slide What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management

Microsoft did a great job of evolving to the new vision of cloud attach with **the following options**. With [the Microsoft Endpoint Manager announcement](#), Microsoft is trying to help organizations to reduce the friction in the Modern Management strategies.

- **Cloud console**
- **Tenant attach**
- **Client attach**
- **Single pane of glass**

User Experience Analytics

User experience analytics comes with the following components as per Jason. You can listen to the recorded video of this session to know more about these topics.

- Startup Performance
- Remediation Scripting
- Recommended Software
- Experience Score



Startup
performance

Eliminate boot/sign-in delays



Remediation
scripting

Reduce support ticket volumes



Recommended
software

For the best user experience



Experience score

A dashboard tying this all together

due to legacy hardware,
misconfigured policies, or 3rd
party agents

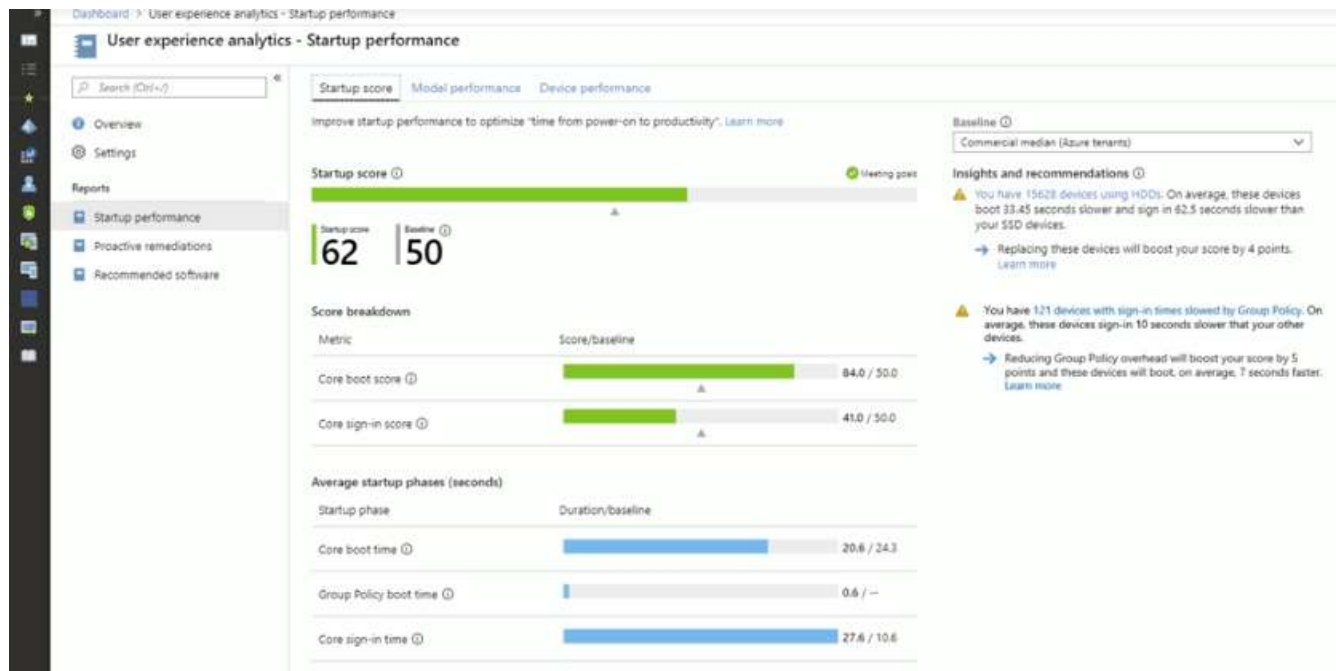
by fixing common support
issues before customers call
help-desk

End-User Experience with User Experience Analytics What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management

I hope these new options will to help customers to achieve their organizational goals, as Jason explained in the presentation.

- Employee Experience
- Employee Retention
- Attracting New Talent
- Change Control Dashboard (Change Control with User Experience in a data-driven way)

What is **User Experience Analytics**?



User Experience Analytics – Dashboard What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management

What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management?

As per Rob (check out the recorded session below), the cloud attach is the option to leverage the combined power of Microsoft Endpoint Manager by connecting SCCM to Intune.

There are **two parts to Cloud Attach**, and that is very well explained in the below slide deck. More details are below sub-sections.

What is cloud attach?

Leveraging the combined power of Microsoft Endpoint Manager by attaching ConfigMgr to Intune

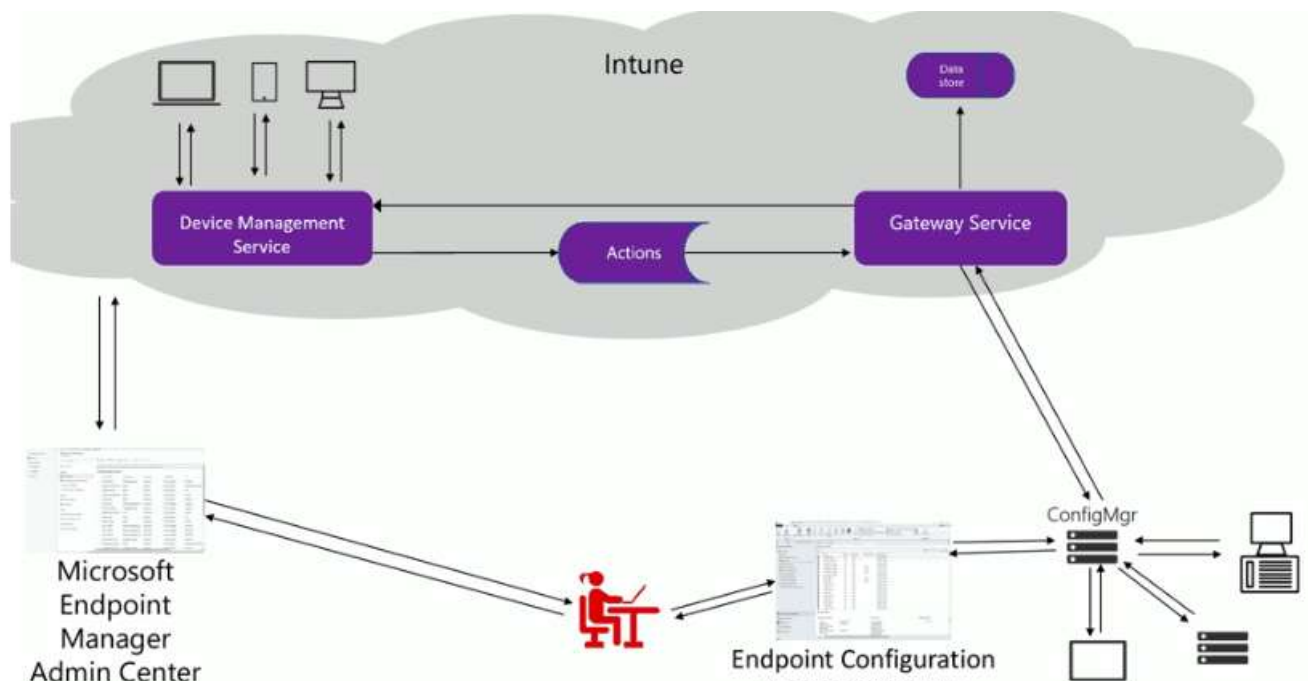
| Cloud Attach | |
|--|---|
| Tenant Attach | Client Attach through co-management |
| Connect your Configuration Manager site to Intune for instant cloud value. | Enroll your Configuration Manager devices into Intune for additional cloud value. |
| Cloud console through EMAC | |
| ATP integration | Conditional access |
| Helpdesk | Modern provisioning through Autopilot |
| Desktop Analytics | Management anywhere |
| User Experience Analytics | |
| Cloud Hosted | |
| Using Microsoft Azure to host Configuration Manager components | |

SCCM Cloud Attach Options – SCCM Cloud Attach – SCCM Tenant Attach What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management

Tenant Attach

Tenant Attach – Connect your SCCM site to Microsoft Intune for instant cloud console and troubleshooting power. The “**tenant attach**” is **on-demand connected architecture**. No, Microsoft is not replicating the entire SCCM DB to Intune!!

The tenant architecture is an on-demand connection when you click on an item in the Microsoft Endpoint Manager portal. Also, these types of information will give help desk teams a better experience.



SCCM Cloud Attach Architecture Diagram *What is SCCM Cloud Attach Tenant Attach Client Attach Vs Co-Management*

The following are the features you will be able to enable with the SCCM tenant attach:

- Cloud Console through Microsoft Endpoint Admin Console (EMAC)
- ATP Integration
- Helpdesk
- Desktop Analytics
- User Experience Analytics
- Web front-end [CMPivot](#)

Client Attach through Co-Management

SCCM **Client attach** is nothing but co-management. We have many guides about SCCM co-management. I would recommend going through the latest one, “[SCCM CMG Schema Workflow Scenarios](#).”

Client Attach Features!

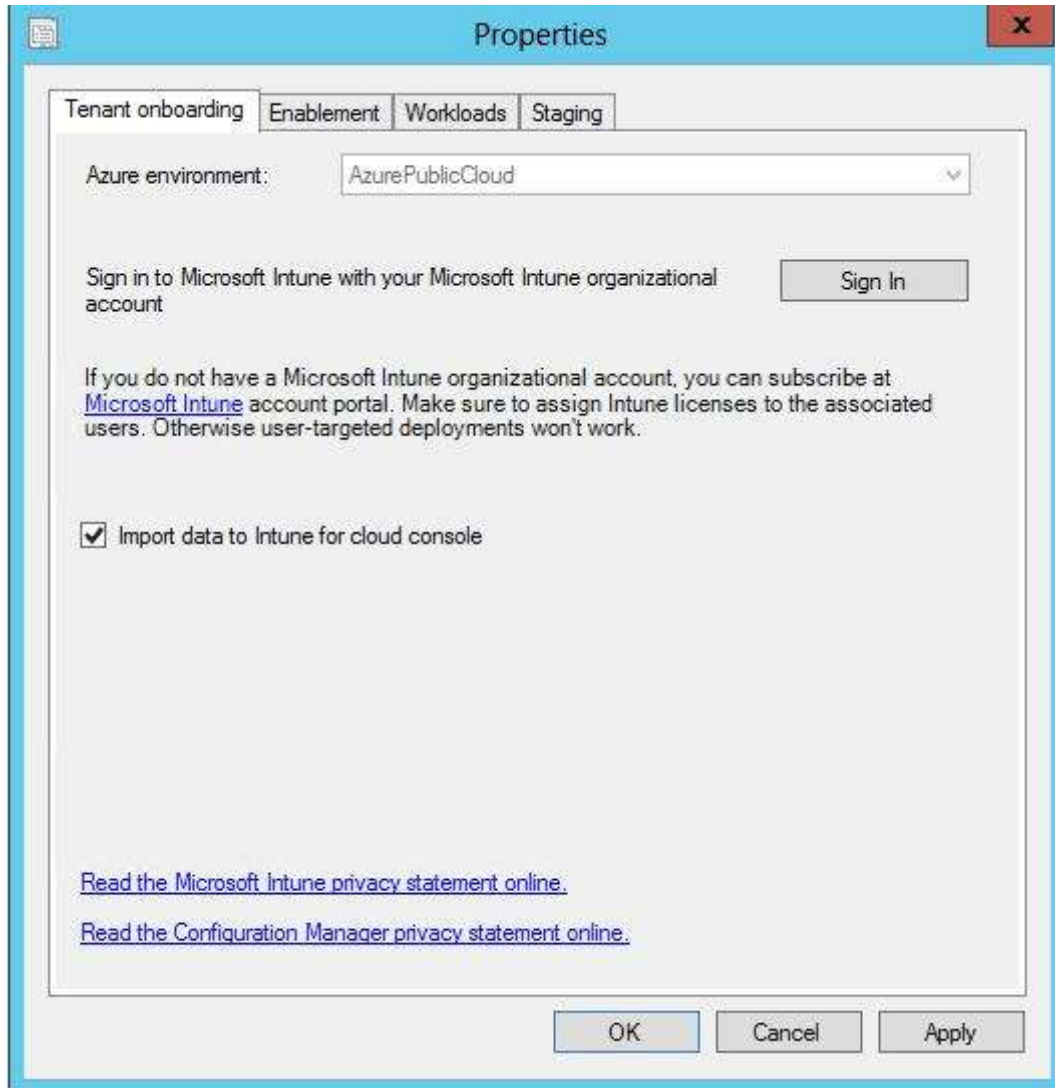
- Conditional Access
- Modern Provisioning through Autopilot
- Management from Anywhere

How to Attach SCCM to Cloud Tenant?

As per Rob, this tenant attach option will be coming to future SCCM versions. I shall presume in the 2002 version of SCCM or later!

How do you prepare for the SCCM cloud attach? Start preparing for co-management options.

- Enable the option “**Import data to Intune for cloud console**”



Import data to Intune for cloud console SCCM Tenant Attach

Session – *SCCM Cloud Attach*

Device Management:

Attach Configuration Manager to Microsoft Intune and the Microsoft 365 cloud –
<https://myignite.techcommunity.microsoft.com/sessions/81674>

Resources

Author

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Intune. He writes about ConfigMgr, Windows 11, Windows 10, Azure AD, Microsoft Intune, Windows 365, AVD, etc.