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Nyheter i Windows 10, ConfigMgr och Intune

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# Agenda

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# Licensförändringar

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- Windows 10 Enterprise döps om till **Windows 10 Enterprise E3**
  - Cloud Solution Partners (CSP) kan nu erbjuda hela IT-stacken, Windows 10, Office 365, Dynamics Azure och CRM
- Enterprise Cloud Suite (ECS) döps om till **Secure Productive Enterprise**
  - SPE släpps som E3 och E5, där E3 innehåller Windows 10 Enterprise E3 och med E5 får man Windows 10 Enterprise E5 samt Windows Defender Advanced Threat Protection
  - Secure Productive Enterprise (SPE) inkluderar även:
    - Microsoft Cloud App Security
    - Azure Information Protection
    - Office 365 Advanced Security Management
- Enterprise Mobility Suite (EMS) döps om till **Enterprise Mobility + Security**
- Ny Windows 10 Professional Education version för skolor  
<https://technet.microsoft.com/en-us/edu/windows/windows-editions-for-education-customers>

<https://blogs.windows.com/windowsexperience/2016/07/12/announcing-new-subscription-options-for-windows-10-and-surface-for-businesses/>

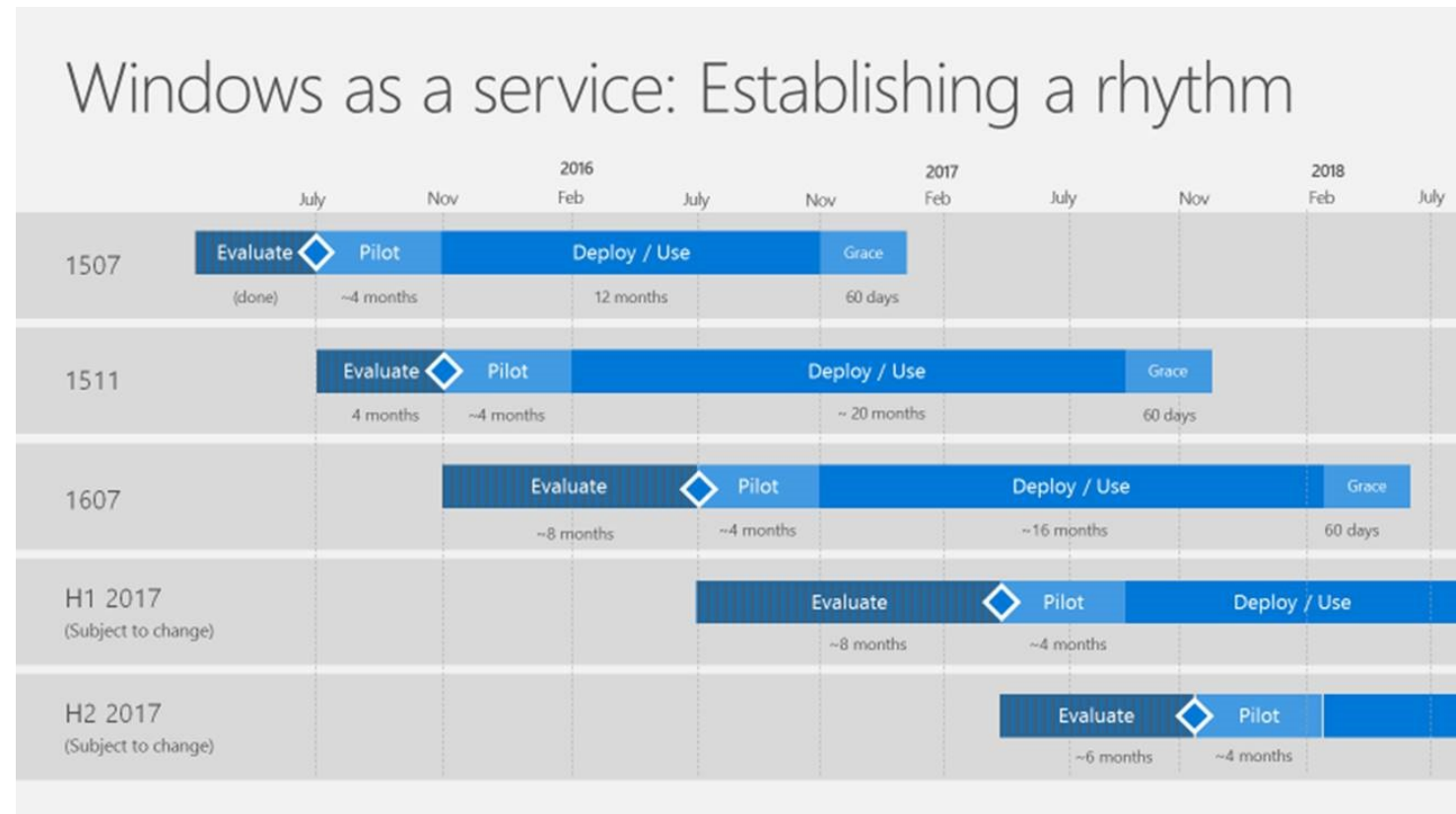
<http://venturebeat.com/2016/07/07/microsoft-rebrands-windows-10-enterprise-as-windows-10-enterprise-e3-e5-edition-coming-soon/>

# Windows-as-a-Service

Servicing option	Availability of new feature upgrades	Minimum length of servicing lifetime	Key benefits	Supported editions
Current Branch (CB)	Immediately after first published by Microsoft	Approximately 4 months	Makes new features available to users as soon as possible	Home, Pro, Education, Enterprise, IoT Core, Windows 10 IoT Core Pro (IoT Core Pro)
Current Branch for Business (CBB)	Approximately 4 months after first published by Microsoft	Approximately 8 months	Provides additional time to test new feature upgrades before deployment	Pro, Education, Enterprise, IoT Core Pro
Long-Term Servicing Branch (LTSB)	Immediately after published by Microsoft	10 Years	Enables long-term deployment of selected Windows 10 releases in low-change configurations	Enterprise LTSB

# Windows-as-a-Service

- Feature Upgrades
  - 1507 CB/CBB – Juli 2015
  - 1511 CB – November 2015
  - 1511 CBB – Mars 2016
  - 1607 CB – Augusti 2016
  - 1607 CBB – Hösten 2016
  - ...
- Quality Updates
  - Släpps varje månad



# Configuration Manager Current Branch

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- Nya releaser 2-3 gånger per år
- Baselines
  - Configuration Manager Current Branch (version 1511)
  - Används vid nyinstallationer
  - CD.Latest behöver inkluderas i backup rutiner, om inte den inbyggda backupmetoden används
- In-console updates
  - Configuration Manager Current Branch (version 1602 och 1606)
  - Installeras ifrån consolen: Administration -> Cloud Services -> Updates and Servicing
  - Övervaka installation under Monitoring -> Updates and Servicing Status
  - KB och Cumulative Updates
- Logfiler
  - CMUpdate.log
  - DMPDownloader.log
  - ConfigMgrPrereq.log
- Vad skall man inte göra med EasySetupPayload?  
<http://gerryhampsoncm.blogspot.se/2016/04/configuration-manager-cb-upgrades-what.html>

# What's new - Configuration Manager 1606

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- Support för Windows Information Protection
  - Manageras med Configuration Items och Configuration Baselines
- Windows Defender Advanced Threat Protection onboarding
- Integration med Windows Store for Business
- Windows Hello for Business policy deployment för domänanslutna Windows 10 enheter
  - Endast för Windows 10 enheter som manageras av en Configuration Manager klient
- Förbättringar i Software Center
  - List view för applikationer
  - Möjlighet att välja flera Software Updates samtidigt för installation
- Pre-release funktioner kräver numera att man ger sitt samtycke innan installation



# Uppgraderingsmöjligheter

Nuvarande	Uppgradera till Current Branch
ConfigMgr 2012	Uppgradera till ConfigMgr 2012 SP2 och sen till ConfigMgr 1511
ConfigMgr 2012 SP1	Uppgradera direkt (in-place) till ConfigMgr 1511
ConfigMgr 2012 SP2	Uppgradera direkt (in-place) till ConfigMgr 1511
ConfigMgr 2012 R2	Uppgradera direkt (in-place) till ConfigMgr 1511
ConfigMgr 2012 R2 SP1	Uppgradera direkt (in-place) till ConfigMgr 1511
SCCM 2007	Side-by-side migrering till ConfigMgr 1511
SMS 2003	Det tar vi en annan gång ☺

<http://www.sconfigmgr.com/2015/12/04/upgrade-to-configmgr-1511-in-your-hierarchy/>

# Windows ADK 1607

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- Support för Windows 10 version 1607
- Inkluderar KB3143760
  - Windows PE initialization failed with error code 0x80220014. (network adapter issue)  
<https://support.microsoft.com/sv-se/kb/3143760>
- Application Compatibility Toolkit ersatt av Application Compatibility Tools
  - Compatibility Administrator
  - Standard User Analyzer
- Provisionering av enheter för skolor
- Unattend.xml förändringar  
[https://msdn.microsoft.com/en-us/library/windows/hardware/mt750416\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/hardware/mt750416(v=vs.85).aspx)
- Inget officiellt uttalande från Microsoft vad gäller support med Configuration Manager i dagsläget
- Nya funktioner..... ?

# Windows 10 version 1607

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- Windows 10 version 1607 släpptes i Current Branch 2016-08-02
- Tillgängligt i WSUS och för ConfigMgr sedan 2016-08-15
- Current Branch for Business version förväntas omkring november/december
- Stöd för deployment finns fr.o.m. Configuration Manager 1606 + Windows ADK 1607
- Flera nyheter för skolor med bland annat Shared PC mode och Set up School PCs

# What's new – Windows 10 version 1607

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- **Windows Information Protection** (tidigare Enterprise Data Protection) hjälper till att skydda mot dataläckage  
<https://technet.microsoft.com/itpro/windows/keep-secure/protect-enterprise-data-using-wip>
- **UE-V** och **App-V** klienter finns nu inbyggt i Windows 10
- **Windows Hello for Business** (tidigare Passport for Work) förbättringar, t.ex. så är det numera inget krav på att sätta en 'convenience' PIN
- **Windows Imaging and Configuration Designer** (WICD) ger möjlighet att konfigurera en Windows 10 enhet avsedd för utbildning  
<https://technet.microsoft.com/en-us/itpro/windows/deploy/provisioning-packages>
- **Pinned items** i taskbaren är nu konfigureringsbart  
<http://www.sconfigmgr.com/2016/08/03/customize-pinned-items-on-taskbar-in-windows-10-1607-during-osd-with-configmgr/>

# What's new – Windows 10 version 1607

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- Fler **Configuration Service Providers** (CSP) för hantering med OMA-DM (MDM)
- **Windows Defender** har nu support för **Offline Scan** och **Block at First Sight**
- Anslut med Remote Desktop Protocol till en **Azure AD joined** Windows 10 enhet
- **Set up School PCs app** för att provisionera enheter i ett shared PC läge (tillgänglig i Windows Store)  
<https://technet.microsoft.com/en-us/edu/windows/use-set-up-school-pcs-app>
- Edition Upgrade kräver inte längre omstart
- **Isolated User Mode** feature inbyggd i Hyper-V Hypervisor feature

# Group Policy förändringar

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- Disable MDM Enrollment  
Computer Configuration\Administrative Templates\Windows Components\MDM
- Prevent access to about:flags page in Microsoft Edge  
Computer Configuration\Administrative Templates\Windows Components\Microsoft Edge  
User Configuration\Administrative Templates\Windows Components\Microsoft Edge
- Turn off Windows default printer management  
Computer Configuration\Administrative Templates\Control Panel\Printers
- Turn off all Windows spotlight features  
Computer Configuration\Administrative Templates\Windows Components\Cloud Content
- Allow Extensions  
Computer Configuration\Administrative Templates\Windows Components\Microsoft Edge

# Utmaningar med Windows 10 1607

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- Language Packs
  - <https://www.windows-noob.com/forums/topic/14235-how-can-i-use-windows-10-servicing-when-a-language-pack-is-installed-using-system-center-configuration-manager-current-branch/>
- File associations
  - <https://damonjohns.com/2015/09/24/windows-10-setting-default-file-associations-using-a-configuration-manager-2012-task-sequence/>
- Uppgradering av Windows 10
  - Software Update based
  - Upgrade Task Sequence
- Reference Image
  - Problem med installation av patchar från WSUS
    - <https://support.microsoft.com/en-us/kb/3176495>
- Taskbar
  - Import-StartLayout eller GPO
    - <http://ccmexec.com/2016/08/managing-the-taskbar-in-windows-10-using-the-new-feature-in-1607/>

# Utmaningar med Windows 10 1607

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- Universal Apps
  - Avinstallera apps i reference image  
<http://www.sconfigmgr.com/2016/03/01/remove-built-in-apps-when-creating-a-windows-10-reference-image/>
  - Använd AppLocker för att blockera oönskade appar:
    - Contact Support
    - Windows Feedback
    - Connect (ny i Windows 10 1607)<http://ccmexec.com/2016/08/removingblocking-the-connect-app-in-windows-10-1607/>
- BIOS till UEFI
  - Rekommenderat att använda Secure Boot och Credential Guard med Windows 10  
<http://www.sconfigmgr.com/2016/06/14/switch-from-bios-to-uefi-on-dell-systems-during-windows-10-deployment-with-configmgr/>



# Windows 10 och Microsoft Intune

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- Managera Windows 10 antingen via inbyggd MDM Agent eller Intune Client
- Light weight managring via MDM Agent
- Windows 10 version 1607 introducerar utökade möjligheter för managring via MDM Agent
- Provisionering scenario
  - Azure Active Directory join
  - Automatisk enrollment till Microsoft Intune
  - Automatisk Edition Upgrade
  - Single Sign On mot Office 365 och Azure Active Directory apps
  - Deployment utav principer mot användare eller enhet

# MDM Agent eller Client

POLICY	INTUNE CLIENT	WINDOWS 10 MDM
Custom Configuration (OMA-URI)	X	✓
Edition Upgrade Policy	X	✓
Email Profile	X	✓
General Configuration	X	✓
PKCS #12 (.PFX) Certificate Profile	X	✓
SCEP Certificate Profile	X	✓
Trusted Certificate Profile	X	✓
VPN Profile	X	✓
Wi-Fi Import	X	✓
Windows Information Protection (Enterprise Data Protection)	X	✓
Microsoft Intune Agent Settings	✓	N/A
Microsoft Intune Center Settings	✓	N/A
Windows Firewall Settings	✓	X
Exchange ActiveSync	X	✓
Mobile Device Security	X	✓

# Funktioner

FEATURE	INTUNE CLIENT	WINDOWS 10 MDM
Auto Enrollment via Azure AD	X	✓
Software Deployment via Single MSI	✓	✓
Software Deployment via MSI + additional files	✓	X
Software Deployment via EXE + additional files	✓	X
Configuration Policies	X	✓
Compliance Policies	X	✓
Remote Assistance	via TeamViewer	X
Windows Update Policy, Approved Updates & Reporting	✓	Policy only
Endpoint Protection Policy & Reporting	✓	Policy only
Software Inventory	✓	UWA only
Software License Management	✓	X
Hardware Inventory	✓	Limited
Conditional Access	X	✓

<http://stealthpuppy.com/windows-10-management-intune/>

# Läs mer

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- Windows 10 release information  
<https://technet.microsoft.com/en-us/windows/release-info>
- What's new in System Center Configuration Manager incremental versions  
<https://technet.microsoft.com/en-us/library/mt757350.aspx>
- What's new in Microsoft Intune  
<https://docs.microsoft.com/en-us/intune/deploy-use/whats-new-in-microsoft-intune>
- What's new in Windows 10 version 1607  
<https://technet.microsoft.com/en-us/itpro/windows/whats-new/whats-new-windows-10-version-1607>
- What's new in MDM enrollment and management  
[https://msdn.microsoft.com/en-us/library/windows/hardware/mt299056\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/hardware/mt299056(v=vs.85).aspx)
- Windows 10 policy settings in Microsoft Intune  
<https://docs.microsoft.com/en-us/intune/deploy-use/windows-10-policy-settings-in-microsoft-intune>



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Q&A