VIRGINIA TECH™

Unified Endpoint Management / Intune

DCSS 2022
FASTR: IT EXPERIENCE AND ENGAGEMENT
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Current Device Management Offerings

BigFix

Windows, macOS, Linux

Jamf

macOS, iOS, iPadOS, tvOS

Intune

Windows

How can I find out more or start using one of these services?

- Go to 4help.vt.edu and search for "Device Management"

- -OR-

- Browse the catalog -> choose "Security" -> choose "Device Management"

Device Management

Manage and secure university-owned devices

Categories ⟵

Accounts & Access	14
Business Applications	6
IT Support, Consulting & Training	8
Messaging & Collaboration	10
Network Services	4
Research Services & Technologies	8
Security	16
Servers, Storage, & Cloud	11
Software & Computing Devices	14
Teaching & Learning Tools	24
Voice & Video	6
Web Site Hosting & Content	3
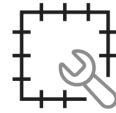
Remotely manage and secure university-owned devices using:

- Jamf for Apple devices
- Microsoft Intune for Windows 10 and Android OS devices
- BigFix for centralized patch management of Windows, linux, and legacy devices

Login to request this service

Information   FAQs and Documentation

What are the features or benefits?

By using service(s), you agree to the Service Terms section below.

SERVICE	DEVICE OPERATING SYSTEMS (OS) MANAGED	FEATURE OVERVIEW
Jamf	- macOS - iPadOS - iOS - tvOS	- Deployment - Device management - App management - Inventory - Self-service - Security
Microsoft Intune* * limited to specified device OS	- Windows 10	- Device management - App management - Inventory - Security
HCL	- Windows 10	- Patch deployment with customizable

How can I find out more or start using one of these services?

- Contact a service administrator – Matt Poor, Kenny Berry, Carol Hurley
- Current users and admins

Catalog Item Offerings

- Request Onboarding
- Request consultation/training
- Add or remove administrators
- Add serial numbers or purchase licenses (Jamf)

How can Intune be useful for managing Virginia Tech devices?

- Device State Configuration and Enforcement
- Managing OS Updates
- Security Compliance and Reporting
- And more!
- Currently available for Windows devices in the Central Services domain

Device State Configuration and Enforcement

- Think "Group Policy in the Cloud"
- Can import group policies from on-prem Active Directory to determine Intune readiness
- No line of site to a Domain Controller is required
- Easy to configure profiles
- Enforced through management, cannot be changed on device by the end user

Home > Devices >

Device restrictions ···

Windows 10 and later

⌄ General

Setting		
Screen capture (mobile only) ⓘ	Block	Not configured
Copy and paste (mobile only)	Block	Not configured
Manual unenrollment ⓘ	Block	Not configured
Manual root certificate installation (mobile only) ⓘ	Block	Not configured
Camera ⓘ	Block	Not configured
OneDrive file sync ⓘ	Block	Not configured
Removable storage ⓘ	Block	Not configured
Geolocation ⓘ	Block	Not configured
Internet sharing ⓘ	Block	Not configured
Phone reset ⓘ	Block	Not configured
USB connection ⓘ	Block	Not configured
AntiTheft mode (mobile only) ⓘ	Block	Not configured
Cortana	Block	Not configured
Voice recording (mobile only) ⓘ	Block	Not configured
Device name modification (mobile only) ⓘ	Block	Not configured
Add provisioning packages ⓘ	Block	Not configured
Remove provisioning packages ⓘ	Block	Not configured
Device discovery ⓘ	Block	Not configured
Task Switcher (mobile only) ⓘ	Block	Not configured
SIM card error dialog (mobile only) ⓘ	Block	Not configured

Ink Workspace ⓘ

Not configured ⌄

Autopilot Reset ⓘ	Allow	Not configured
Require users to connect to network during device setup ⓘ	Require	Not configured

Direct Memory Access ⓘ

Not configured ⌄

Operating System Updates

- Based on Windows Update for Business
- Configured using updated rings
- Differentiates between Quality Updates and Feature Updates
- Can configure schedule (time of day, date from release, etc.)
- Configure multiple update rings for different groups

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Home > Devices >

Create Update ring for Windows 10 and later
Windows 10 and later

✓ Basics — ② Update ring settings — ③ Scope tags — ④ Assignments — ⑤ Review + create

Update settings

Microsoft product updates * ⓘ	**Allow** Block
Windows drivers * ⓘ	**Allow** Block
Quality update deferral period (days) * ⓘ	0
Feature update deferral period (days) * ⓘ	0
Upgrade Windows 10 devices to Latest Windows 11 release ⓘ	Yes **No**
Set feature update uninstall period (2 - 60 days) * ⓘ	10
Enable pre-release builds * ⓘ	Enable **Not Configured**
Select pre-release channel	Windows Insider - Release Preview ⌄

User experience settings

Automatic update behavior ⓘ	Auto install at maintenance time ⌄
Active hours start * ⓘ	8 AM ⌄
Active hours end * ⓘ	5 PM ⌄
Restart checks ⓘ	**Allow** Skip
Option to pause Windows updates ⓘ	**Enable** Disable
Option to check for Windows updates ⓘ	**Enable** Disable
Change notification update level ⓘ	Use the default Windows Update notifications ⌄
Use deadline settings ⓘ	Allow **Not configured**
Deadline for feature updates ⓘ	Number of days, 2 to 30
Deadline for quality updates ⓘ	Number of days, 2 to 30
Grace period ⓘ	Number of days, 0 to 7
Auto reboot before deadline ⓘ	Yes No

Previous   **Next**

Reporting and Compliance

- Generate reports for device status
- Compliance policies which can be used for at-a-glance reporting and optionally retire device or notify user regarding devices not in compliance
- Can be created to align with VT security standards, department standards, etc.

MDM Firewall status for Windows 10 and later ...

≡≣ Columns   ↓ Export

All firewall status ▼

Generate again	Cancel	Report generated on: 3/23/2022, 4:15:02 PM

Enabled	Disabled	Limited	Temporarily disabled (def...	Not applicable
11	0	0	0	0

🔍 Search by Device name, Device Id, AAD Id, UPN, or User name

Showing 1 to 11 of 11 records

Device name ↑↓	Firewall status ↑↓	Managed by ↑↓
4HELP-▇▇▇▇▇▇	Enabled	Intune
4HELP-▇▇▇▇▇	Enabled	Intune
▇▇▇7050	Enabled	Intune
DESKTOP-▇▇▇▇▇	Enabled	Intune
ITEE-▇▇▇	Enabled	Intune
ITEE-▇▇▇▇▇	Enabled	Intune
ITEE-▇▇▇▇	Enabled	Intune
ITEE-▇▇▇▇▇	Enabled	Intune
▇▇▇▇5060	Enabled	Intune
▇▇▇▇7050	Enabled	Intune
▇▇▇▇3640	Enabled	Intune

Questions?