

# Windows Admin Center

## Server management reimaged

<https://aka.ms/WindowsAdminCenter>

### Modernized and simplified

The tools you know from Server Manager and MMC (i.e. Certificate Manager, Task Manager, Event Viewer, etc) are refreshed and streamlined for your core tasks.

### Lighting up the Windows Server platform

Management UI for new Windows Server 2019 features are available only through Windows Admin Center Storage Migration Services, System Insights, Software-Defined Networking, Storage Replica.

### Integrated

One consistent interface across tools, and across different connection types including: Windows Server 2019, 2016, 2012 R2, 2012, and 2008 R2; Server Core; Windows 10 PCs; failover clusters; and hyper-converged infrastructure.

### Easy to Use

Small (~50MB) download, install in minutes, no agent installation required on target connections. Access from a modern browser.

### No extra cost

Comes at no extra cost beyond the Windows license!

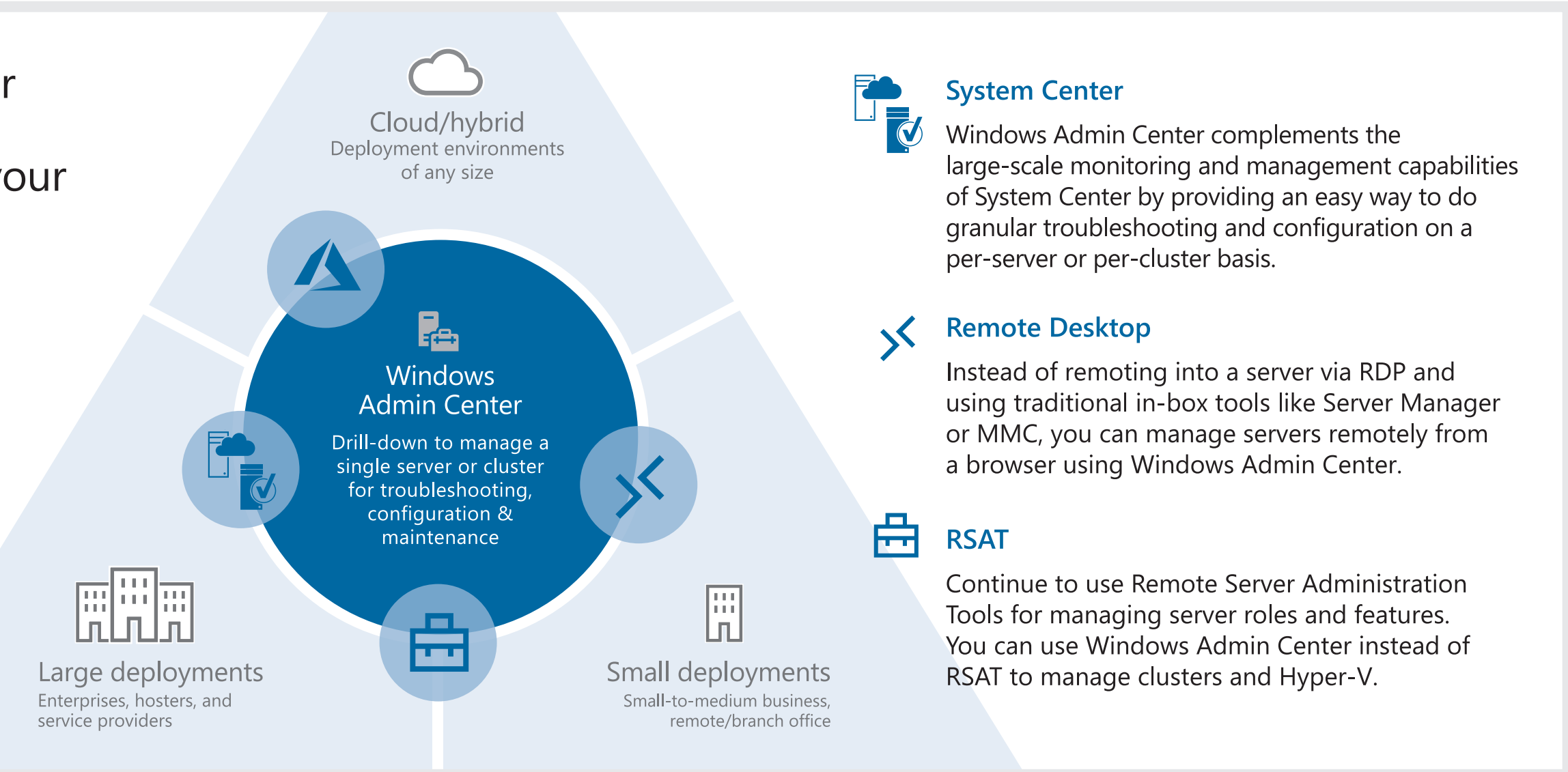
### New features

New features added multiple times a year. Let us know what you want next at [aka.ms/WACfeedback](https://aka.ms/WACfeedback)

## Windows Admin Center complements existing management tools in your environment

### Azure security and management

Windows Admin Center complements the born-in-the-cloud monitoring and management capabilities with per-server/per-cluster granular troubleshooting and configuration.



## Core functionality

### Single server or cluster troubleshooting, configuration & maintenance

#### Windows Server (+ Win 10)

- Overview
- Backup
- Certificates
- Devices
- Events
- Files
- Firewall
- Installed Apps
- Local Users & Groups
- Network
- PowerShell
- Processes
- Registry
- Remote Desktop
- Roles & Features
- Scheduled Tasks
- Services
- Storage
- Storage Migration Service
- Storage Replica
- System Insights
- Updates
- Virtual Machines
- Virtual Switches
- Settings

#### Failover cluster

- Overview
- Disks
- Networks
- Nodes
- Roles
- Updates
- Virtual Machines
- Virtual Switches

#### Hyper-converged cluster

- Dashboard
- Compute
- Virtual Machines
- Virtual Switches
- Servers
- Storage
- Volumes
- Drives
- Networking
- Virtual Network
- SDN Monitoring

Designed for you, with you!

We have been and will continue to prioritize your feedback and features requests as we continue development. Please provide your feedback via UserVoice: <https://aka.ms/WACFeedback>

## Hybrid

### Use Azure services with Windows Admin Center

#### Discover

Azure services that bring value to your on-premises or hybrid environment.

#### Onboard

Azure services in just a few clicks without leaving Windows Admin Center.

#### Smart hyperlinks

Link takes you to view your server's connected Azure resources in the Azure portal.

#### Available integration today

Azure Backup, Azure Update Management, Azure Site Recovery

#### More coming

Azure File Sync, Azure Migrate

### Leverage resources in an Azure vNet from your on-premises server

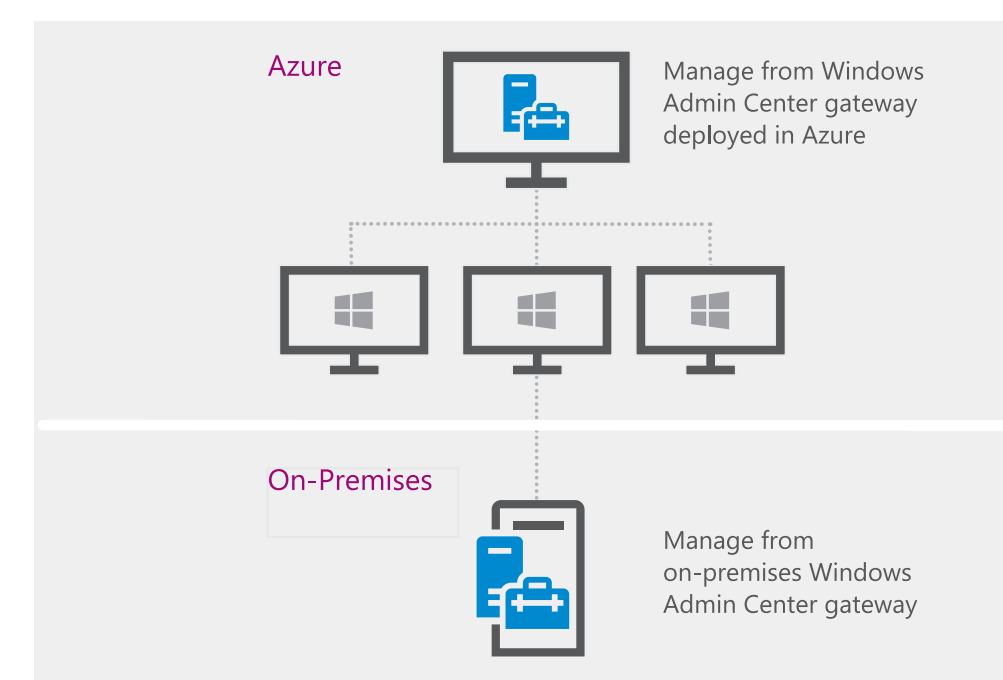
Using Azure Network Adapter, easily deploy a point-to-site VPN in one click.

### Azure bolsters the capabilities of Windows Admin Center

Bring the power of Azure AD security features like conditional access policies and MFA with Azure AD authentication to secure access to the Windows Admin Center gateway.

More coming: Integration with Azure Monitor provides monitoring and alerting capabilities like email notifications.

### Manage your Windows Server IaaS VMs from an on-premises Windows Admin Center gateway, or from Windows Admin Center deployed in Azure.



## Hyper-Converged Infrastructure

### Manage HCI with Windows Admin Center

#### Create and manage Storage Spaces Direct and Hyper-V virtual machines

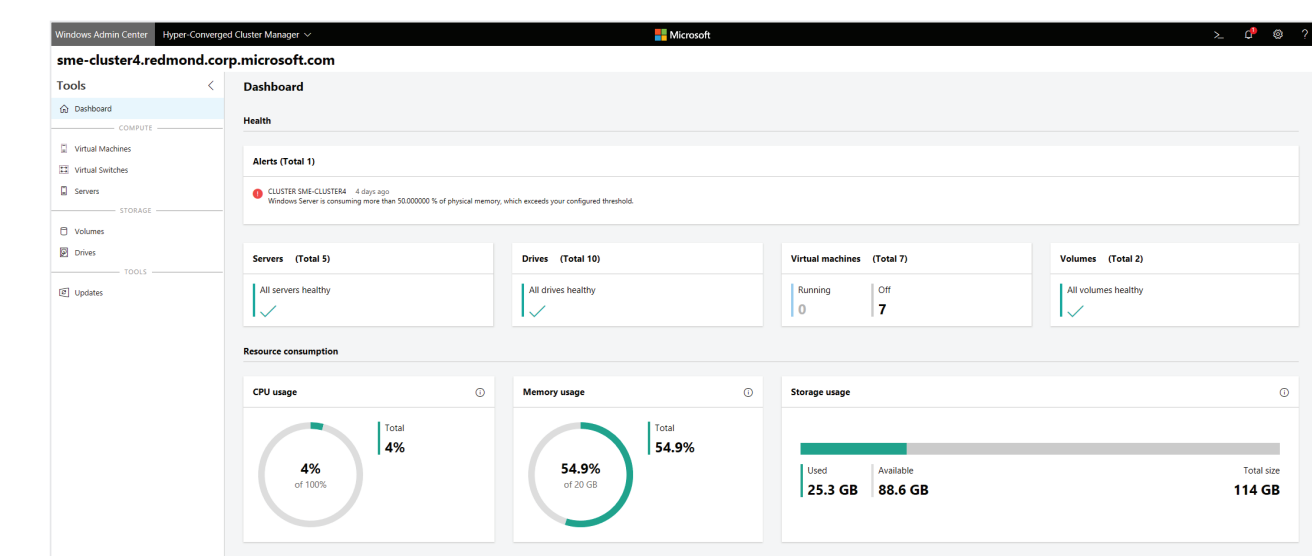
Radically simple workflows to create, open, resize, and delete volumes; and create, start, connect to, and move virtual machines; and much more.

#### Powerful cluster-wide monitoring

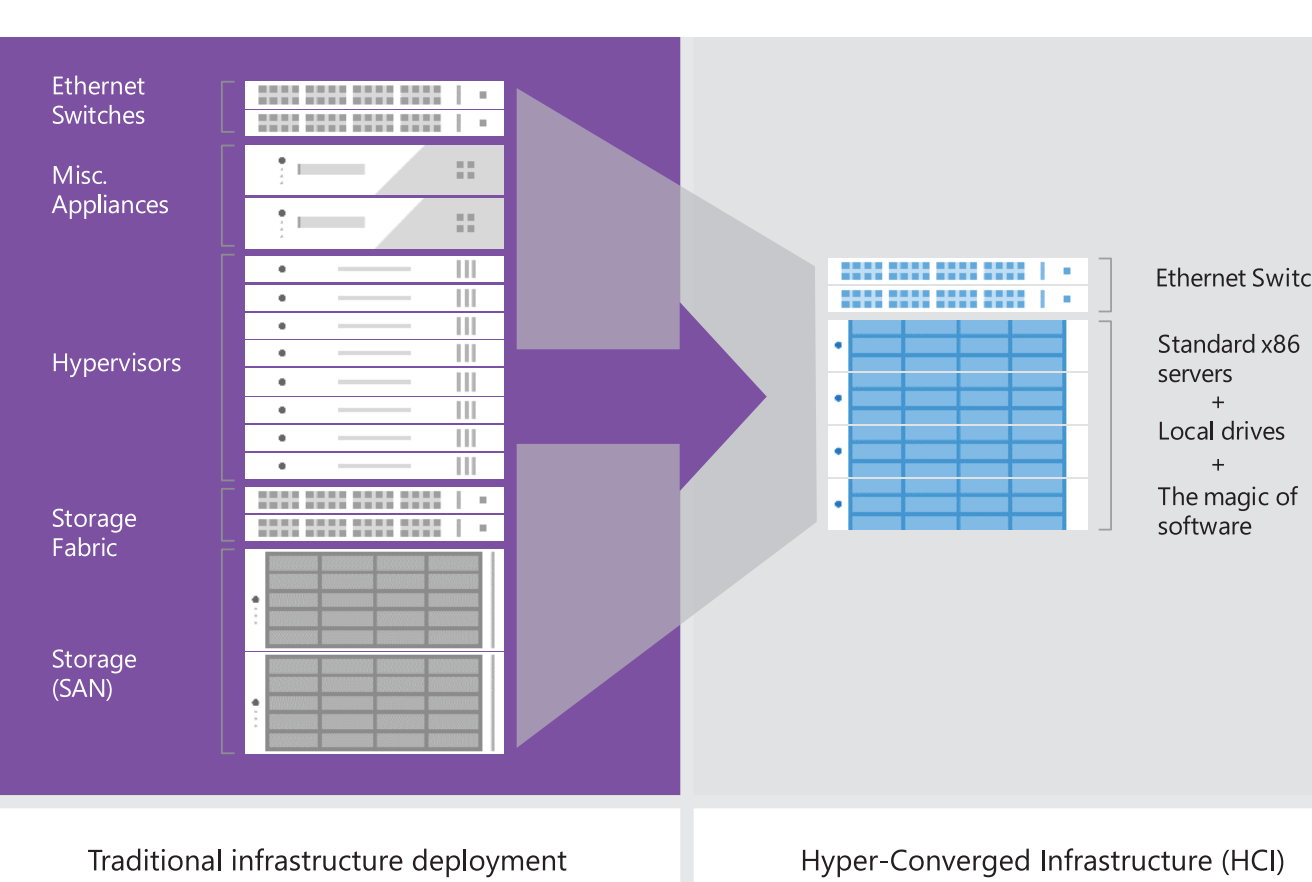
The dashboard graphs memory and CPU usage, storage capacity, IOPS, throughput, and latency in real-time, across every server in the cluster, with clear alerts when something's not right.

#### Software Defined Networking (SDN) support

Manage and monitor virtual networks, subnets, connect virtual machines to virtual networks, and monitor SDN infrastructure.

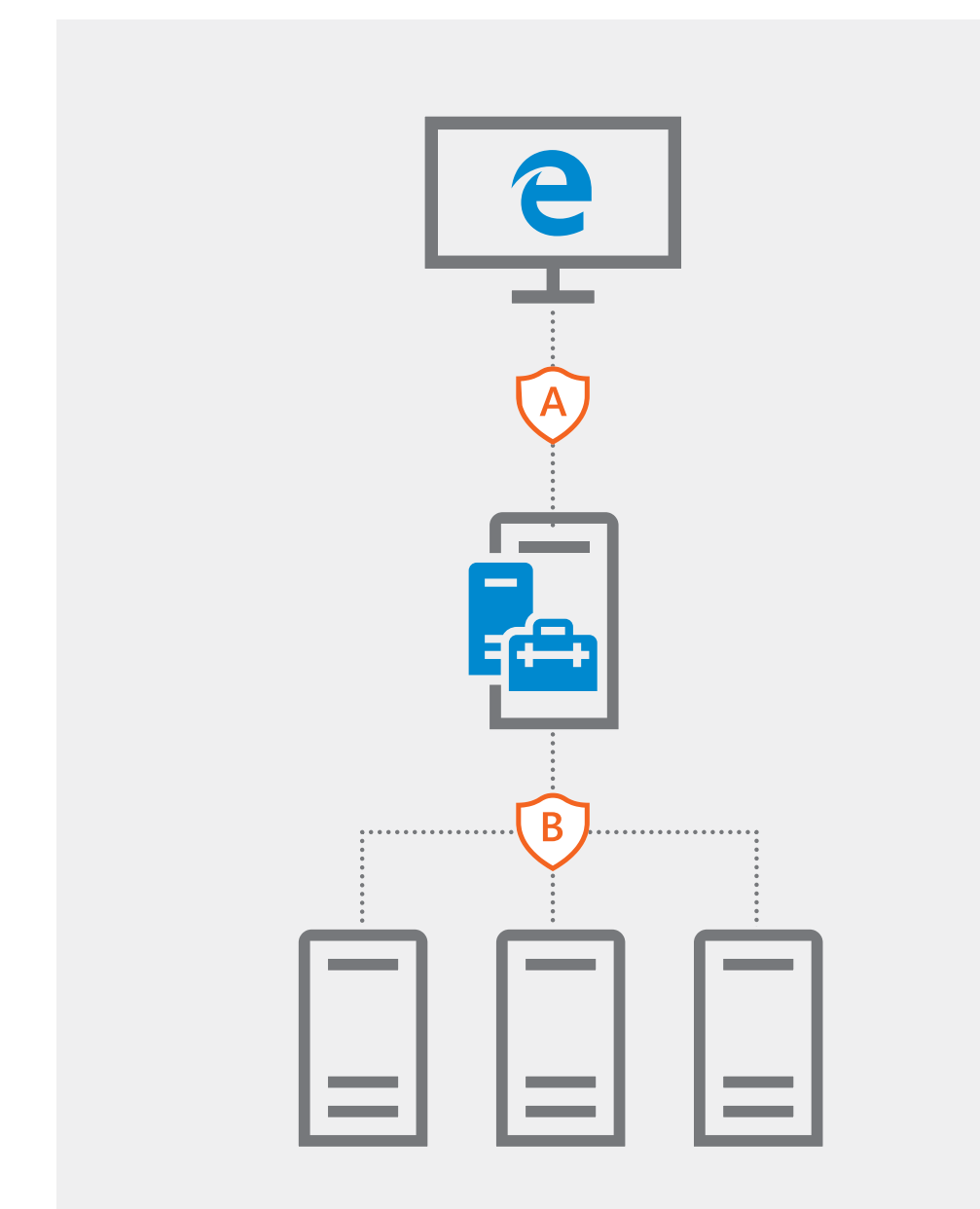


### What is Hyper-Converged Infrastructure?



## Security

### Windows Admin Center leverages existing technologies for multiple layers of security across both connection hops to your managed target



- A Secure access to the Windows Admin Center gateway**  
Use Azure Active Directory identities to enforce conditional access policies such as multi-factor authentication.  
Restrict gateway access and administration with Active Directory and local groups.  
Browser-based UI uses secure HTTPS communication, even in offline environments.
- B Secure access to servers managed with Windows Admin Center**  
Configure Role Based Access Control (RBAC) on managed nodes.  
Optionally configure delegation for a single sign-on experience.  
Leverage the power of Local Administrator Password solution (LAPS) when using Windows Admin Center in desktop mode.

## Extensibility

### Windows Admin Center is an extensible platform

Get additional capabilities for hardware, application management and monitoring through 3rd party extensions right from within Windows Admin Center.

Customize your IT management experience by installing only the tools you need.

Get the latest and greatest tool features. Through our extensibility model, you don't have to wait for the next Windows Admin Center update to get new releases for tools.

### Ecosystem Collaboration



### Develop using the Windows Admin Center SDK

- Integrate with Windows Admin Center tools**  
Easy and seamless in Web UI and using deep links.
- Leverage platform capabilities**  
Azure Active Directory, Multi-factor Authentication, Role-based access control, logging/auditing.
- Develop with latest web technologies**  
HTML5, CSS, Angular, TypeScript, Windows Admin Center UI library.
- Extend product outreach**  
Fastest growing server management tool in Microsoft history!
- Design an extension with ease**  
Quickly mockup UI before coding using our PowerPoint design toolkit.

## Architecture & deployment

