



# Lenovo XClarity Administrator

## Foundation systems management software

### **Simplify, Accelerate and Scale Infrastructure Deployment**

Lenovo XClarity Administrator is a centralized resource-management solution designed to reduce complexity, speed response, and enhance the availability of Lenovo ThinkSystem and ThinkAgile solutions.

XClarity Administrator enables you to define and control pools of infrastructure from your choice of interface, including an intuitive web-based GUI, XClarity Mobile app, Windows PowerShell, Python, or using your own external IT applications by running XClarity Integrator software or integrating with open REST APIs.

### **XClarity Administrator Benefits**

Administering your infrastructure manually, or with inadequate tools, is time consuming and frustrating at best, and at worst it hurts your business and quality of service. XClarity Administrator's powerful yet intuitive tools make administration fast and easy.

#### **Simplify**

Save administrator time by reducing complexity of infrastructure tasks:

- Increase productivity and efficiency by standardizing, automating, and scaling complex infrastructure tasks

- Reduce complexity through an intuitive web-based, dashboard-driven graphical user interface
- Respond to infrastructure status changes and events from anywhere using XClarity Mobile

#### **Accelerate**

Automate hardware delivery and maintenance:

- Provision systems in up to 75% fewer steps, reducing the potential for rework and dropped handoffs
- Establish repeatable, scalable, and rapid system delivery with software-based configuration patterns
- Automatically “call home” to open problem records

#### **Integrate**

Integrates into external IT applications, providing the flexibility to manage Lenovo infrastructure without leaving the console of the software that you use regularly:

- Establish line of sight from workloads to physical systems by integrating into your external monitoring, event consolidation, or analytics applications
- Transform hardware resources into services by integrating with external cloud software, orchestration engines, or scripting tools
- Eliminate downtime in ESXi and Hyper-V clusters with automated migration of VMs from affected hosts

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### Reduce IT Costs

Increase IT staff productivity and efficiency by automating complex, repetitive tasks:

- Decrease time-to-market for physical systems via fast and scalable automated deployment
- Increase data center agility by enabling visibility and control of Lenovo systems from external IT applications

### XClarity Administrator Features

XClarity Administrator offers a number of key features to simplify administration.

#### For Lenovo ThinkSystem and legacy Flex System servers:

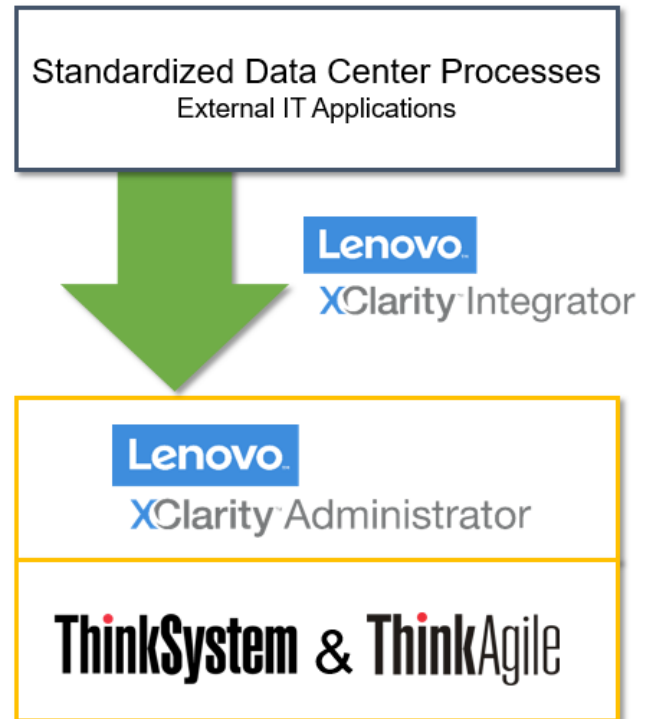
- Define servers with reusable, scalable configuration patterns
- Discover, track, and manage hardware inventory
- Monitor hardware and handle alerts, events, and logs, including calling home to open problem records and alert IT staff to a problem
- Manage firmware levels and updates via policies
- Install hypervisors and operating systems to bare metal servers

#### For ThinkSystem networking and storage:

- Discover, track, and manage hardware inventory
- Monitor hardware and handle alerts, events, and logs, including “calling home” to open problem records and alert IT staff to a problem
- Policy-based firmware level and update management

#### For ThinkAgile Integrated Systems and Appliances:

- Discover, track, and manage hardware inventory



- Monitor hardware and handle alerts, events, and logs, including calling home to open problem records and alert IT staff to a problem
- Manage firmware levels and updates via policies

#### Graphical User Interfaces

- HTML5 web-based graphical user interface
- XClarity Mobile application for Android and iOS devices

Programmatic Interfaces

- PowerShell toolkit
- Python command line interface (CLI) toolkit
- REST application programming interfaces (APIs)

Security

- Authenticate end-user credentials and control access to resources and tasks
- Encapsulate endpoints that lock communication so only Lenovo XClarity Administrator is permitted
- Implement NIST 800-131A- or FIPS 140-2-compliant standards to provide stronger cryptographic keys and algorithms
- Perfect Forward Secrecy ensures secure communication with managed end points

Editions

Lenovo XClarity Administrator is available in two editions:

Features	XClarity Administrator	XClarity Pro
<b>Licensing and Support</b>		
Free	✓	
Licensed		✓
Service and Support Included		✓
<b>Key Features</b>		
REST APIs and XClarity Integrators	✓	✓
Autodiscovery and asset management	✓	✓
Real-time monitoring and fault handling, including call home	✓	✓
Policy-based firmware management	✓	✓
Configuration patterns	90-Day Trial	✓
OS and hypervisor installation	90-Day Trial	✓

XClarity Integrator

XClarity Integrator enables XClarity Administrator to integrate into your existing IT applications, providing the functionality you need to manage Lenovo infrastructure right in the console of the software tools that you already use. XClarity Integrator for leading software tools and applications in the areas of infrastructure resource management, orchestration and automation, and IT service management are available now. Learn more, and download XClarity Integrator for your favorite application now.

How to Get Started

- [Download XClarity Administrator now](#)
- [Explore online video demonstrations](#)
- [Review the Product Guide](#)
- Contact your Lenovo representative or channel partner to schedule a live demonstration or remote proof of concept through a Lenovo Innovation Center.

## Transformative Experience

Using best-in-class Lenovo hardware and software, you can streamline your data center without worries about interoperability issues. Because all of the components are available through Lenovo, you'll never run into finger-pointing from multiple vendors. Lenovo provides a single point of contact for all support issues that you might encounter with your Lenovo server, networking, storage, and software. This enables quicker problem determination and minimized downtime.

In addition, Lenovo Services guarantees a superior services experience. Providing outstanding value while supporting your uptime requirements, Lenovo Services offers choices to match your workload requirements. Options range from base warranty extensions to same-day committed repair, as well as planning, installation, optimization, hard drive retention, customized service options, and more. Lenovo Services guarantees genuine Lenovo quality parts, reliable and consistent service by highly skilled, trained, and certified technicians, and access to Lenovo global remote and field support teams.

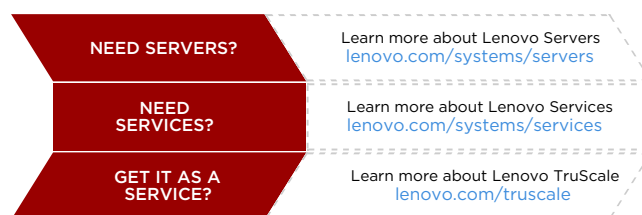
For more information about Lenovo Services, visit [lenovo.com/systems/services](https://lenovo.com/systems/services).

## About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$62 billion revenue global technology powerhouse, ranked #171 in the Fortune Global 500, employing 77,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo is expanding into new growth areas of infrastructure, mobile, solutions and services. This transformation is building a more inclusive, trustworthy, and sustainable digital society for everyone, everywhere.

## For More Information

To learn more about Lenovo XClarity, contact your Lenovo representative or Business Partner, or visit [lenovo.com/systems/software](https://lenovo.com/systems/software).



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